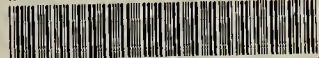


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THE AMERICAN FLORIST



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Vol. XLV.

CHICAGO AND NEW YORK, JULY 24, 1915.

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No. 1416

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass.,
President; DAN MACROBIE, San Francisco, Calif.,
Vice-President; JOHN YOUNG, New York, Secretary;
WM. F. KASTING, Buffalo, N. Y., Treasurer.
Next annual convention at San Francisco, Calif.,
August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
St. Louis, Mo., 1916. S. J. GODDARD, Framing-
ham, Mass., President; A. F. J. BAUR, Thirty-
eighth St. and Rockwood Ave., Indianapolis,
Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Phila-
delphia, Pa., 1916. S. S. PENNOCK, Philadelphia,
Pa., President; LOUIS J. REUTER, Westerly, R. I.,
Vice-President; BENJAMIN HAMMOND, Beacon,
N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June, 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at
Minneapolis, Minn., August 24-27, 1915. THOS.
WALLIS, Chicago, President; BELLETT LAWSON,
JR., Elmwood Cemetery Chicago, Ill., Secretary.
Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition, New
York, June, 1916. B. H. FARR, Reading, Pa.,
President; A. P. SAUNDERS, Clifton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif.,
August 18, 1915. GUSTAVE X. AMRHYN, New
Haven, Conn., President; ROLAND COTERILL,
Seattle, Wash., Secretary-Treasurer.

American Sweet Pea Society.

Annual Meeting and Exhibition, Newport, R. I., July 15-16.

The Exhibition.

Ideal weather and visitors in goodly numbers attended the seventh annual convention and exhibition of the American Sweet Pea Society, held in the Casino, Newport, R. I., July 15-16, under the auspices of the Newport Horticultural Society and the Newport Garden Association. It was a wonderful exhibition, a marvel of beautiful coloring that a word picture cannot describe, and the general verdict, based upon the opinions of some of the best authorities is that a greater display of its kind has never been made in this country.

The veranda that led to the main entrance to the hall was a veritable sea of sweet pea blooms grown in tubs and rising majestically to a height of nine feet and six feet through. Pausing at the entrance, and looking across the hall, the exhibit of W. Atlee Burpee & Co., Philadelphia, Pa., loomed up strikingly, compelling admiration at once. This display was the largest and the most meritorious in the show, covering 200 square feet of space, and said by authorities to be one of the finest sweet pea displays ever staged in the United States. In arrangement, it was most tasteful, every bunch of flowers and every trophy being easily seen. A background of black velvet, artistically draped with olive green, and embellished with tall trophies, brought out in their fullest splendor all of the best and new varieties of Spencers, over 100 varieties being used in the arrangement. Especially noticeable were Fiery Cross, Cherub, President, Illuminator, King White, Royal Purple, Robert Sydenham, Charm, Irish Belle, Empress Eugenie, George Herbert, Crimson Spencer, Hercules, Helen Grosvenor, Charles Foster, Margaret Madison and many others worthy of note. To George W. Kerr is due credit for the splendid arrangement of this display.

Another striking exhibit was that of R. & J. Farquhar & Co., Boston, Mass., whose display occupied the entire theater stage. Against a background arranged with palms, bays and sweet peas in tubs, a fine display of *Lilium myriophyllum* made an exhibit in itself, and also assisted in making a splendid relief for other exhibits that occupied space at the side walls to the right and left of the entrance. Some of the larger exhibits that were in classes arranged for effect, together with the Burpee and Farquhar displays gave to the sides of the hall a beautiful appearance. The center of the hall was filled with three rows of tables and these were thickly covered with blooms in varied arrangement.

On the lower wide veranda were staged sweet peas in tubs, some table decorations and an exhibit by Henry A. Dreer, Inc., Philadelphia, Pa., which attracted much attention. This consisted of a large and handsome collection of sweet peas of quality that were not staged for effect, and in charge of John D. Hay. Outstanding among the many varieties in this display were Constance Hinton, Royal Purple, Margaret Madison, Elfrida Pearson, Agri-cola, Irish Belle, Charles Foster and Afterglow; also a splendid showing of water lilies.

W. A. Manda, West Orange, N. J., was well represented by a handsome group arrangement of plants in variety near the entrance, and on the upper veranda were staged the mantle and table decorations and the displays of the amateur classes which completely filled both sides of the gallery. The displays in the amateur classes were well filled, many covering upwards of 400 square feet of table space. Many of the blooms shown were very fine, excelling all similar showings in past exhibitions of the society. The school children also came in strong for prizes offered by Mrs. E. B. Auchincloss.



Lester L. Morse, San Francisco, Calif.
President American Sweet Pea Society.



A. T. Boddington, New York.
Treasurer American Sweet Pea Society.



Harry A. Bunyard, New York.
Secretary American Sweet Pea Society.

The Business Meeting.

A business meeting was held in one of the smaller rooms of the Casino during the afternoon. Wm. P. Sheffield welcomed the visitors on behalf of the Newport Garden Association and Wm. MacKay, president of the Newport Horticultural Society, followed in behalf of that organization. Lester L. Morse, president of the American Sweet Pea Society, followed and graciously thanked both for the cordial welcome extended to the visitors. The annual reports were read, including Prof. A. C. Beal's report on the trial grounds at Cornell University, Ithaca, N. Y. Papers of interest were followed by discussions.

The election of officers which followed resulted in the selection of the following to serve during the ensuing year: William Gray, Newport, R. I., president; George W. Kerr, Doylestown, Pa., vice-president; Harry A. Bunyard, New York, secretary; Arthur T. Boddington, New York, treasurer; John H. Pepper, New York, recording secretary; W. Atlee Burpee, Philadelphia, Pa., member of executive committee.

Bar Harbor, Me., was selected as the place of the next annual meeting, Lenox, Mass., being second choice.

President Morse's Address.

When I was elected president of the American Sweet Pea Society a year ago, I hoped that the members and friends throughout the eastern states could be present with us for the regular annual convention. However, since Mr. Bunyard found it impossible to be present himself, and as it seems impossible to get a quorum of members present, we decided to have a separate meeting in conjunction with our exhibition.

On June 11 this exhibition was held in the Palace of Horticulture, at the Panama-Pacific exposition, and was a grand success. There were some 30 entries, representing amateurs, professional gardeners and seed growers. There were about 1,200 vases displayed, in fact nearly every new variety of Spencer was represented. The exposition officials recognized the day by sending their special commissioner, who presented me, as president, with a bronze tablet, in memory of the event



William Gray, Newport, R. I.
President-Elect American Sweet Pea Society.

and designated June 11 on all of their programmes as "Sweet Pea Day." They also furnished Cassasa's band, one of the best in the city and composed of 40 pieces, and we had a delightful concert in connection with the exhibition. We had expected to have the flowers exhibited only one day, but so great was the demand for more time, that we allowed the exhibition to stand three days, Friday, Saturday and Sunday, and kept the room open until 10 o'clock at night, although the building is usually closed at 6 o'clock. It was impossible to estimate the number of visitors, but there were literally thousands upon thousands present and all seemed amazed at an exhibit of such beautiful and magnificent flowers. We allowed nothing to be displayed but sweet peas.

Although California grows fully 95 per cent of all the sweet pea seed used in the world, flower shows and exhibitions are seldom given. Sweet peas first began to be grown for seed in about 1886, when there were only

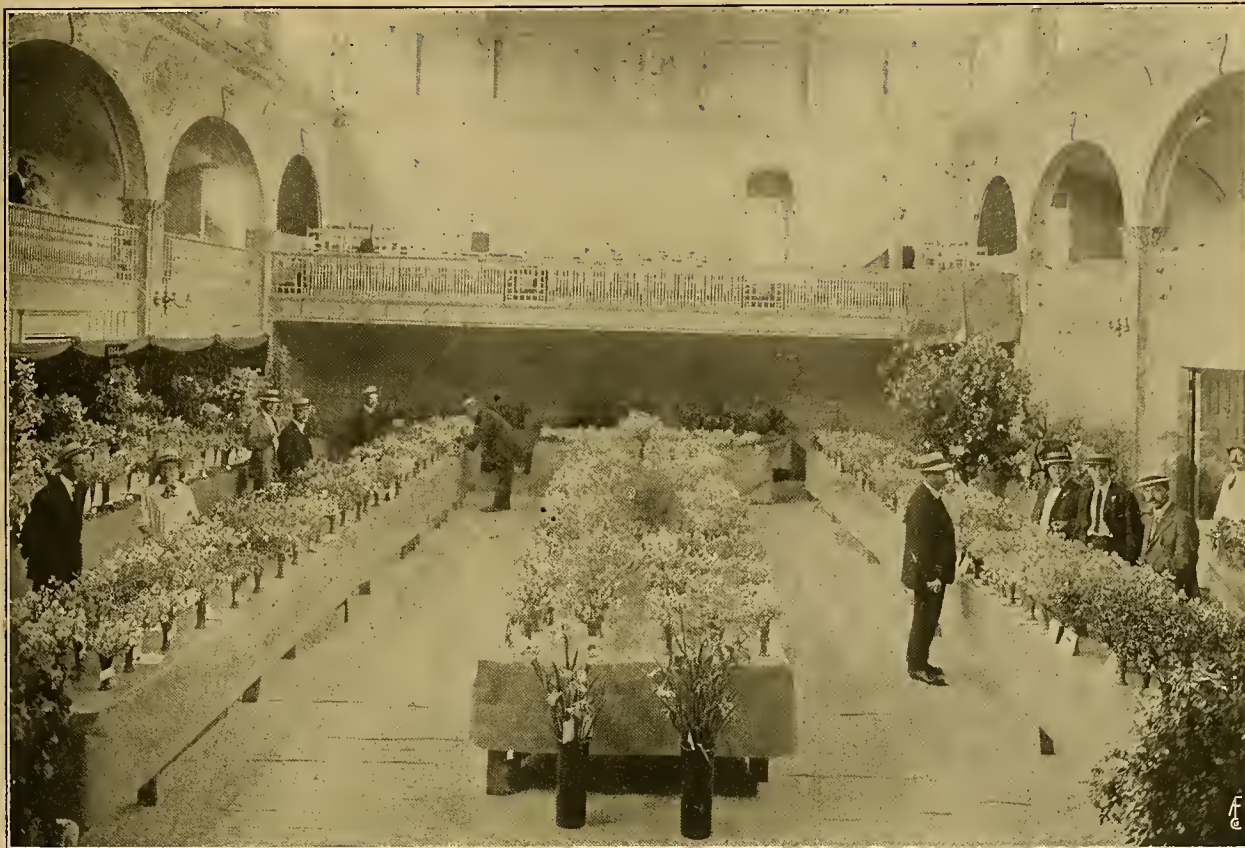
about seven varieties. The acreage has steadily increased until for the past five years there has been no less than 2,000 acres planted for sweet pea seed alone, and all in what is known as the Coast valleys, from San Francisco south to Los Angeles. It is safe to say that no less than one million pounds a year is the average yield of the California seed farms and these farms are represented by some 10 or 12 large seed growers.

A great many new varieties have been originated in California, but as the growers are largely wholesale dealers only, the novelties are introduced by seed dealers in other parts of the country. While probably only half of the acreage is devoted to Spencer varieties, the other half is made up largely of grandiflora named varieties and mixtures. These latter are still popular for large planters.

Sweet pea seed in California is usually planted in December and January and the fields are in full bloom in June. Harvest begins about August 1. A great deal of development work is still being done and the large seed farms operate very large areas of what they call "workshops" where selections made from crosses and hybrids are being tried out. A great deal of time is now being spent on the development of the early flowering or Christmas Spencer types. As these are very shy seeders they are not handled much as yet in a wholesale way. I estimate that fully 50 per cent of all the California crop goes to Great Britain; some 10 per cent goes to Germany and France and other European countries, and about 40 per cent is consumed at home.

My firm has quite an elaborate exhibition at the exposition grounds, where we are growing sweet peas on the cordon system, or the British exhibition plan. These plants were started in pots in the fall; the ground was prepared in the fall and by budding and proper feeding we have been able to grow some enormous blossoms, quite equal to any I have ever seen in Great Britain. Needless to say they are creating a great deal of interest.

We are hoping that the exhibition given last month is but the beginning of an annual sweet pea exhibit, which



AMERICAN SWEET PEA SOCIETY'S EXHIBITION, NEWPORT, R. I., JULY 15-16.

General View of the Show.

will be held as one of the features of the American Sweet Pea Society and will be under its auspices. All members of the American Sweet Pea Society are cordially invited to visit the seed farms should they ever be in California during the blossoming period, which begins about May 15 and ends July 1.

My best wishes to the society for a long and useful career.

Prize Winning Varieties.

The following is a partial list of first prize winning varieties, together with the outstanding kinds in their respective classes:

A-1. Best 12 distinct varieties, Spencers—Constance Hinton, Marvel, Agricola, Illuminator, Dobbie's Cream, Elfrida Pearson, Senator, May Unwin, Royal Purple, New 1915 Orion, Arthur Green, Lady Evelyn Eyre. Best outstanding: Constance Hinton, Marvel, Elfrida Pearson and Royal Purple.

A-2. Best 12 varieties, Spencers—Agricola, Loyalty, Blue Picotee, Sincerity, Hercules, New Robert Sydenham, George Herbert, Constance Hinton, Unwin, Nubian, Royal Purple, Rosabelle. Best outstanding: Rosabelle, Hercules, Royal Purple and New Robert Sydenham.

A-3. Best collection, 25 varieties—Lester Imber, Mrs. Hugh Dickson, King Edward Spencer, New Marvel, Illuminator, Edward Cowdy, Mrs. Cuthbertson, Dobbie's Cream, Constance Hinton, Hercules, Robert Sydenham, Lady Evelyn Eyre, Sincerity, New Rosina, Arthur Green, George Herbert, Mrs. J. Balmer, New Don Alvar, Unwin, Loyalty, Breadmore, Senator, King White, Royal Purple, Wedgwood.

A-12. Best six tubs, any color—Wedgwood, Clara Curtis, Vermillion Brilliant, Countess Spencer, Illuminator, Charles Foster.

B-1. Best 12 distinct varieties—George Herbert, Loyalty, Hercules, Sincerity, New Edward Cowdy, Lady Evelyn Eyre, May Unwin, Constance Hinton, Mrs. Hugh Dickson, King Edward Spencer, Illuminator, Rosina. Best outstanding: Loyalty, Mrs. Hugh Dickson, Constance Hinton, Edward Cowdy, Illuminator, King Edward Spencer.

B-2. Best six distinct varieties, Spencers—Loyalty, Breadmore, Nubian, Hercules, Elfrida Pearson, George Herbert. All six were good.

B-3. Best six distinct varieties, Spencers—Unwin, Mrs. Hugh Dickson, Breadmore, Thomas Stevenson, Asta Ohn. All good.

B-9. Best six vases, six varieties, Spencers—Mrs. Balmer, Unwin, Constance Hinton, Rosabelle, Lady Evelyn Eyre, Mrs. Cuthbertson. All very fine.

Classes of sweet peas in tubs:
 G-1. Best white—King White.
 G-2. Best scarlet—Scarlet Emperor.
 G-3. Best blue—Senator.
 G-4. Best pink—Miriam Beaver.
 These tubs were fine specimens, standing eight to nine feet high and five to six feet in width, grown in about 16-inch tubs.

Classes of 25 sprays:
 Best white—Constance Hinton.
 Best crimson—King Edward Spencer.

Best rose—Rosabelle.
 Best light pink—Elfrida Pearson.
 Best blue—Maj. Farquhar.
 Best mauve—Leslie Imber.
 Best cream—Dobbie's Cream.
 Best orange—May Unwin.

Best lavender—New Don Alvar.
 Best purple—Royal Purple.
 Best picotee—Blue Picotee.
 Best flaked—America Spencer.
 Best hi-color (other than picotee)—Mrs. Cuthbertson.
 Best any other color—Rosina (new).

President-Elect Gray.

President-elect Wm. Gray, of the American Sweet Pea Society, was born on the Arburthnot Estate, Mavis Bank, near Edinburgh, Scotland, April 20, 1874. His father was head gardener on this estate, and for several generations the profession of gardening has been followed from father to son. Mr. Gray came to America with his parents in 1883 and settled at Middletown, N. Y., his father having secured the position as florist at the State Hospital. After leaving school he served an apprenticeship under his father, and followed this up with an assistant gardener's experience on several private places around New York and in Newport, five years head gardener to Horace Russell, Southampton, L. I., and five years in his present position as head gardener to Mrs. W. B. Leeds, Newport, R. I.

Mr. Gray writes: "It is with a deep sense of the honor conferred upon me that I accept the office of president of the American Sweet Pea Society. Although our exhibitions, from a horticultural point of view, are now greater successes every year, I am sorry to say the financial end is not so bright, and I urgently appeal to the florist, private gardener and amateur to join the society and help the good work along. The private gardener is the one to encourage and build up the amateur interest in this country. In every com-

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munity the gardener can interest some one in growing sweet peas by giving freely of his advice, and in this way great good would be accomplished, not only to the society, but to horticulture as well. Some of the prominent seed firms are not fully alive to the possibilities of this movement, and should give generously of their support to promote the work of the society. By all working together great good would be accomplished and the society put upon a basis where it would not be compelled to accept an invitation from another horticultural body to hold its exhibitions. The convention should, in my mind, be made up of delegates duly appointed from the different horticultural societies and instructed by a vote of their society as to the best place and time to hold the exhibitions. In this way a time and place could be arranged that would be satisfactory to the majority. I promise to do all I can to prove worthy of the honor conferred upon me."

Convention Breezes.

The exhibits of Percy Brightman, Newport, in the amateur classes were commendable. His blooms were all well staged and he captured five first prizes and a special silver medal awarded for excellence of exhibit.

The table and mantel decorations and all exhibits staged for effect were invariably well done and of high order.

A large vase of the hybrid tea rose, Ophelia, shown by Mrs. M. F. Plant (Ernest Robinson, Gr.), was superb.

The new president, William Gray, was showered with congratulations and good wishes.

The Gardeners and Florists' Club of Boston were the guests of the Newport Horticultural Society, being met at the train and taken to the beach for a shore dinner, followed by an automobile ride around the ocean drive.

It is largely due to the untiring efforts of Secretary Harry Bunyard and Show Manager Alexander MacLellan that everything went so smoothly, and much credit is due both of these gentlemen.

It surely must have been a keen disappointment to the Newport gardeners not to be able to compete more fully than they did. The fog was a severe handicap for them, or otherwise they would have been in strong. As it was, they swallowed their chagrin and assumed a good spirit all round, and in classes that were arranged for effect they showed in their exhibits both skill and artistic arrangement of high order, which had much to do in adding splendor to the show.

The Awards.

SECTION A—PRIVATE GARDENERS.

Peter Henderson & Co.'s prizes, 12 vases, 20 sprays to a vase, Spencer varieties—Giraud Foster, Lenox, Mass. (Edwin Jenkins, Supt.), 1st; Mrs. Robt. Winthrop, Lenox, Mass. (S. W. Carlquist, Supt.), 2nd; Com. A. C. James, Newport, R. I. (J. H. Groatorex, Gr.), 3rd.

Thorburn prize, 12 vases Spencer varieties—Giraud Foster, 1st.

Arthur T. Boddington prizes, collection of sweet peas, 25 varieties—Giraud Foster, 1st; Com. A. C. James, 2nd.

Weeber & Don prize, vase 100 sprays mixed sweet peas, arranged for effect—Mrs. W. Watts Sherman, Newport, R. I. (Andrew Ramsey, Gr.), 1st.

Mount Desert Nurseries prizes, vase sweet peas, 20 stems. Blooms shown for effect—Mrs. Thos. J. Emery, Newport, R. I. (A. L. Dorward, Gr.), 1st.

Joseph Breck & Sons' prizes, three vases Spencer varieties—Mrs. Robt. Winthrop, 1st. Henry A. Dreer prizes, vase Spencer varieties, Royal Purple—Giraud Foster, 1st.

Vase Spencer sweet peas, Margaret Madison Improved—Mrs. Hugh D. Auchincloss, Newport, R. I. (John Mahan, Gr.), 1st; Ralph Pulitzer, Manhasset, N. Y. (F. Hitchman, Gr.), 2nd.

Hitchings & Co.'s prize, eight vases sweet peas—Giraud Foster, 1st; Col. Chas. Pfaff, So. Framingham, Mass. (Geo. Melvin, Gr.), 2nd.

Sutton & Sons' prize, table of sweet peas—Mrs. Thos. J. Emery, 1st.

Carters Tested Seeds, Inc., prizes, six tubs of sweet peas in bloom—Miss Edith Wetmore, Newport, R. I. (S. Johnson, Gr.), 1st; Stuart Duncan, Newport, R. I. (Wm. MacGillwray, Gr.), 2nd.

American Sweet Pea Society's prizes, display for effect—Mrs. W. G. Weld, Newport, R. I. (Jas. Watt, Gr.), 1st; Mrs. Wm. B. Leeds, Newport, R. I. (Wm. Gray, Gr.), 2nd.

SECTION B—PRIVATE GARDENERS AND AMATEURS.

W. Atlee Burpee & Co.'s prizes, 12 vases sweet peas in bloom—Giraud Foster, 1st; Lester Leland, Manchester, Mass. (E. H. Wetterlow, Gr.), 2nd.

Stump & Walter Co.'s prizes, six vases Spencer varieties—Arthur N. Cooley, Pittsfield, Mass. (Ed. Edwards, Gr.), 1st; Mrs. French Vanderhilt, Newport, R. I. (Daniel Hay, Gr.), 2nd; Mrs. Robt. Winthrop, 3rd.

Henry F. Michell Co.'s prizes, six vases Spencer varieties—Col. Chas. Pfaff, 1st.

Michell Seed House bronze medal, 25 blooms Illuminator—A. N. Cooley, 1st.

Michell Seed House silver medal, vase Spencer varieties mixed—A. N. Cooley, 1st.

Thomas J. Grey Co.'s prize, centerpiece of sweet peas for table decoration—Mrs. W. Watts Sherman, 1st; Mrs. Thos. J. Emery, 2nd.

Watkins & Simpson prize, six vases Spencer varieties—Giraud Foster, 1st.

SECTION C—AMATEURS.

John Lewis Childs' prizes, vase mixed sweet peas—Percy A. Brightman, Newport, R. I., 1st; Albert Johnson, Newport, R. I., 3rd.

American Sweet Pea Society's prize, 12 vases sweet peas—Fred P. Weber, Melville, R. I.,

1st; I. H. Miller, Bustins Island, Me., 2nd; Miss Doris King, Newport, R. I., 3rd.

American Sweet Pea Society's prizes, six vases, six varieties—Wm. Gardner Taylor, 1st; I. H. Miller, 3rd.

American Sweet Pea Society's prizes, three vases sweet peas, three varieties—Wm. Gardner Taylor, 2nd; Percy A. Brightman, 3rd.

SECTION D—RETAILERS.

American Sweet Pea Society's Prizes. Decoration for table of eight covers—Alfred T. Bunyard, Newport, R. I., 1st; J. G. Leikens, Newport, R. I., 2nd.

A mantel decoration of sweet peas—J. G. Leikens, 1st.

A bridal bouquet of sweet peas—Alfred T. Bunyard, 1st; J. G. Leikens, 2nd.

A hamper of sweet peas—J. G. Leikens, 1st.

A corsage of sweet peas—Alfred T. Bunyard, 1st; J. G. Leikens, 2nd.

SECTION E—SCHOOL CHILDREN.

Mrs. E. B. Auchincloss Prizes. Vase white—Jeannette Brightman, Newport, R. I., 1st; Willow F. Blossom, Cliftondale, Mass., 3rd.

Vase light pink—Robert Meikle, Newport, R. I., 1st; Willow F. Blossom, 2nd.

Vase deep pink—Willow F. Blossom, 1st; Robt. Meikle, 2nd.

Vase lavender—Jeannette Brightman, 1st; Willow F. Blossom, 2nd.

Vase crimson or scarlet—Jeannette Brightman, 1st; Willow F. Blossom, 2nd.

Vase, any other color—Robert Meikle, 1st; Willow Blossom, 2nd; Jeannette Brightman, 3rd.

Vase mixed sweet peas—Jeannette Brightman, 1st; Willow F. Blossom, 2nd; Hall Weber, 3rd.

SECTION F—OPEN AND MISCELLANEOUS.

C. C. Morse & Co.'s prize, display of sweet peas—W. Atlee Burpee & Co.

Jerome B. Rice Seed Co. prize, 1915 novelty sweet peas—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd.



AMERICAN SWEET PEA SOCIETY'S EXHIBITION, NEWPORT, R. I., JULY 15-16.
First Prize Tub of Sweet Peas.



AMERICAN SWEET PEA SOCIETY'S EXHIBITION, NEWPORT, R. I., JULY 15-16.
A Table of the Cut Flower Exhibits.

Lord & Burnham Co.'s prize, display of sweet peas—John G. Stalford, Bar Harbor, Me., 1st; Oscar Schultz, Newport, R. I., 2nd.
American Sweet Pea Society's medal collection of novelties appearing in 1915 catalogues—W. Atlee Burpee & Co., 1st.

Sweet peas not yet in commerce—W. Atlee Burpee & Co., silver medal for seedling Flery Cross, certificate of merit for seedling Cherub, certificate of merit for seedling President.

National Sweet Pea Society of Great Britain gold medal awarded to W. Atlee Burpee & Co. for largest and most meritorious exhibit of sweet peas.

SECTION G—GARDEN ASSOCIATION SPECIAL PRIZES.

Tub of sweet peas of any white, cream or cream-yellow variety—Stuart Duncan, 1st; Miss Edith Wetmore, 2nd; Mrs. Thos. J. Emery, 3rd.
Tub of any scarlet, crimson, rose or carmine—Mrs. W. G. Weld, 1st; Mrs. T. J. Emery, 2nd.

Tub of any lavender, mauve, purple or blue—Stuart Duncan, 1st; Mrs. Thos. J. Emery, 2nd.
Tub of any pink, orange or salmon—Mrs. Thos. J. Emery, 2nd.

Display of sweet peas arranged against wall—Mrs. W. G. Weld, 1st; Mrs. Thos. J. Emery, 2nd; John Fletcher, Newport, R. I., 3rd.

Horticultural Society Special Prizes, Sweet Peas, Spencer Varieties.

White variety, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Mrs. French Vanderbilt, 3rd.

Crimson or scarlet, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Arthur N. Cooley, 3rd.

Rose or carmine, 25 sprays—Giraud Foster, 1st; Miss Alice Veitels, Newport, R. I. (Wm. J. Matson, Gr.), 2nd; Robert W. Goelet, Newport, R. I. (Collin Robertson, Gr.), 3rd.

Light pink, 25 sprays—Giraud Foster, 1st; Mrs. Robert Winthrop, 2nd; Arthur Cooley, 3rd.

Deep pink, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Robert Goelet, 3rd.

Any blue, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Arthur N. Cooley, 3rd.

Any mauve, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Robt. W. Goelet, 3rd.

Any cream or cream-yellow—Mrs. French Vanderbilt, 1st; Giraud Foster, 2nd; Henry A. C. Taylor, Newport (Wm. Mackay, Gr.), 3rd.

Salmon or orange, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Arthur N. Cooley, 3rd.

Any lavender, 25 sprays—Giraud Foster, 1st; Mrs. French Vanderbilt, 2nd; Robt. Goelet, 3rd.

Any maroon or purple, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Henry A. C. Taylor, 3rd.

Any Picotee-edged, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; W. Goelet, 3rd.

Any striped flaked blue or purple—Mrs. French Vanderbilt, 1st; Giraud Foster, 2nd; Arthur N. Cooley, 3rd.

Any striped or flaked red or rose—Mrs. Robt. Winthrop, 1st; Robt. W. Goelet, 2nd.

Any bicolor other than Picotee-edged, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd.

Any other color distinct from the above, 25 sprays—Giraud Foster, 1st; Mrs. Robt. Winthrop, 2nd; Henry A. C. Taylor, 3rd.

For the most entries in the above section, the Pierson cup was awarded to Giraud Foster.

For the finest vase of sweet peas in the above section, the Garden Magazine medal of Achievement was awarded to Giraud Foster.

AMATEURS ONLY.

(Spencers or Grandifloras.)

Vase, 15 sprays, any white variety—Percy A. Brightman, 1st; R. E. Brierley, Newport, R. I., 2nd.

Vase, 15 sprays, any pink—Wm. Gardner Taylor, Newport, R. I., 1st; Albert Johnson, Newport, R. I., 2nd.

Vase, 15 sprays, any lavender—Percy A. Brightman, 1st; Wm. Gardner Taylor, 2nd.

Vase, 15 sprays, any salmon or orange—Percy A. Brightman, 1st; Isabelle Miller, 2nd.

Vase, 15 sprays, any crimson or scarlet—Miss Caroline L. Gibson, Newport, R. I., 1st; George Mackie, Newport, R. I., 2nd.

Vase, 15 sprays, any cream or cream yellow—Fred P. Weber, 1st; Caroline L. Gibson, 2nd.

Vase, 15 sprays, any Picotee-edged—Wm. Gardner, 1st; Ralph E. Brierley, 2nd.

Vase, 15 sprays, any color distinct from the above—Percy A. Brightman, 1st; Wm. Gardner Taylor, 2nd.

Collection of six vases, six varieties—Percy A. Brightman, 1st; Albert Johnson, 2nd.

R. & J. Farquhar & Co.'s prizes, Spencer varieties, 20 sprays—Mrs. Robt. Winthrop, 1st.

William B. Scott & Co.'s prizes, collection of sweet peas from a school garden—Grace B. Brazier, Newport, R. I., 1st; James Fitzgerald, 2nd; Gordon Bates, 3rd.

GARDEN CLUB SPECIAL PRIZES.

Decoration for table of eight covers—Mrs. Thos. J. Emery, 1st.

Display of sweet peas for effect covering a round table—Mrs. W. Watts Sherman, 1st; Mrs. H. Mortimer Brooks, Newport, R. I. (James Bond, Gr.), 2nd.

Collection of sweet peas—Neil Ward, Lonsdale, L. I., certificate of merit.

Collection of plants—W. A. Manda, South Orange, N. J., certificate of merit.

Collection of plants and cut flowers—R. & J. Farquhar, Boston, Mass., certificate of merit.

Collection of water lilies—Henry A. Dreer, Inc., Philadelphia, certificate of merit.

Collection of sweet peas—Henry A. Dreer, Inc., honorable mention.

Collection of perennials—Bobbink & Atkins, Rutherford, N. J., honorable mention.

Collection of cut cattleyas—Miltonia Conservatories, Providence, R. I., certificate of merit.

The Pandanus.

Pandanus in variety comprise another group of decorative subjects that are well known to the trade and disposed of in large quantities, and the most important to the trade grower are the two old standbys, Pandanus Veitchii and P. utilis.

These graceful plants have had their ups and downs in popular favor, though possibly through no special fault on the part of the plants, but rather from faulty handling and treatment. In the first place, no pandanus should be potted so low in the pot that the soil completely covers the base of the plant, for such potting simply smothers the plant and encourages stem-rot after the plant reaches the ultimate consumer, the latter frequently encouraging the process by systematic overwatering.

Secondly, pandanus require light and air throughout the day, while enjoying a night temperature of 60° to 65°. Thorough syringing is required during the summer months to keep down such pests as red spider and thrips, but as the nights grow cooler it is well to get the foliage dry before nightfall.

PROPAGATION.

As to propagation, there is only one method for P. Veitchii, and that is by means of cuttings formed from the small shoots that appear around the base of the plants, these being preferably taken off with a heel of the old wood at the base of the cutting, and in a warm house will root at any season when placed in sand and not given too much water.

P. utilis is increased by means of those singular compound seeds that are imported from the tropics, one seed or nut sometimes producing only one plant, and at other times may give half a dozen, much depending upon the condition in which the

quite tender, requiring a warm house and careful watering, but once well rooted the young plants soon go ahead, but remain rather impatient to over-watering at all times.

W. H. TAPLIN.

New Orleans Horticultural Society.

The annual meeting was held in the Association of Commerce rooms, July 15, at 8 p. m., P. A. Chopin, presiding; E. Farley, vice-president, and C. R. Panter, secretary. There were 27 members present. After reading of the minutes the committee on annual outing, consisting of H. Scheuermann, H. Kraak and P. Abele, reported that they had succeeded in getting the members to bring their wives and families on the outing on the Steamer Hanover. There were about fifty members with their families who took advantage of this pleasurable trip. The report of the committee was received, and the members tendered them a vote of thanks.

The committee on flower show presented the final report showing a profit of \$150, which was turned over to the committee of ladies representing the city beautiful movement—this amount to help them in a worthy cause—the beautifying of New Orleans.

The secretary presented the annual report, showing a substantial cash balance in the hands of the treasurer and \$600 invested in state bonds.

Election of officers then took place. H. Scheuermann, of the Orchid Store, was unanimously elected president; J. Bollwinkle, well known seedsman, vice-president; Chas. R. Panter, re-elected secretary to serve his thirteenth term; J. Eblen, re-elected treasurer for the thirty-first term. The members then adjourned to the Cosmo cafe, where Caterer Jos. Kieffer had prepared a tempting repast.

Appropriate remarks were made by P. A. Chopin, P. Abele, and E. Baker, the first president of the society, read several verses of poetry which he had prepared for the occasion, which follow. The newly elected officers made appropriate remarks.

From the time it began
With just a modest plan
To interest folks in flowers,
To add grace and good taste
To each home and each place
And employ the idle hours—
Altogether within the bounds of propriety,
The New Orleans Horticultural Society.

'Tis true it has given to city and state,
Without any reward worked early and late
To bring forth things of beauty,
To have brightness and cheer
To drive off dullness and care,
For this it considered a duty—
Thus adding a charming variety,
The New Orleans Horticultural Society.

It's shows have been fine
And first class in their line,
Great pleasure have given to many,
Where prize flowers abound
From ceiling to ground.
As to small ones, there haven't been any—
Without any attempt at notoriety,
The New Orleans Horticultural Society.

It's not labored in vain,
For already its fame
Has spread far and wide in the nation,
For new flowers and new forms,
Like a rose without thorns,
Thus aiding in nature's creation—
All this in the strictest sobriety,
The New Orleans Horticultural Society.

CHAS. R. PANTER, Sec'y.

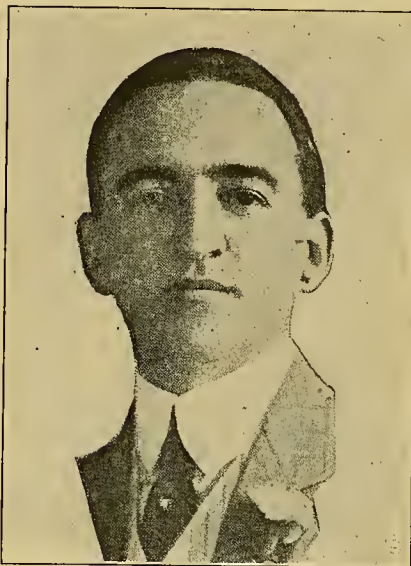
When the tangled cobweb pulls
The cornflower's cap awry,
And the lilies tall lean over the wall
To bow to the butterfly,
It is July.

THE ROSE.

Indoor Planting.

During the month of June a great amount of our forcing roses are planted; perhaps June planting is the practice in the eastern states more so than in the middle or western localities, as there are so many small ranges, and the climatic conditions also differ. Then again below the Mason and Dixon line, the month of June is by far the best month in the year of the warm weather months, and the grower seldom throws out anything until after June 20, and this holds true in many other sections also.

However, everything should be in readiness to rush the planting along now. The houses to be planted should



Henry Scheuermann, New Orleans, La.

The President-Elect of the New Orleans Horticultural Society is One of the Younger Members and Co-partner of the Orchid Store. This Store is Among the Most Progressive in the City and Well Located at 141 Carondelet Street, in the Business Center.

be emptied and thoroughly cleaned. If raised benches are used, they should be strongly repaired where necessary, and everything put into first class shape. The benches should be washed off with the hose and given a good coat of lime wash to which has been added a generous amount of sulphur. After they are dry, a sprinkling of straw should be placed in the bottom of the bench to keep the soil from sifting through the cracks in the bottom. Five inches of soil should be used, firmly packed, and the sides of the bench should be six inches inside. This will leave an inch of siding above the soil, which, if packed firmly, will settle very little afterwards.

Never plant in soil that is wet; great care should be taken to have the soil thoroughly mixed and well broken up. A generous sprinkling of a good grade of finely ground bone, mixed with the soil as it is being brought into the houses, will be greatly beneficial to the plants, as it will begin to act about the time the young stock begins to take hold. About a peck or a little more to 400 square feet of bench surface will be about the proportion of bone to use.

If grafted plants are used, look carefully at the union and plant nothing

that is not firmly joined at the splice; also see that the raffia is removed and that it does not cut into the bark; 15 inches in the rows is about the proper spacing for most all of the forcing varieties, except American Beauty or Radiance. Prince d'Arenberg will also do better planted 18 inches apart, as this variety grows exceptionally strong and is of the spreading type. Four rows to a four-foot table will handle well, bringing the outside rows about five inches from the edge of the bed. Grafted plants should be planted deep enough to bring the splice or union below the surface of the soil after the beds have been leveled. We prefer to pack the soil firmly with a billet of wood or rammers for about five inches surrounding the plants, leaving a depression at each plant for water, and this we leave until the plants show some growth in their new quarters. Then we level and cultivate every week. Be sure that the ball of the plant is wet when planting, and water liberally after planting; also keep the soil between the rows dampened, but not soaked, otherwise there will not be enough humidity in the atmosphere of the house to promote growth of the right kind.

The houses should be sprayed early on hot, bright days, and again in the early afternoons, and it will be found advisable to stake and tie the houses as they are planted, completing the task as we go along. Any of the young plants that are found to be burning from a bad light in the roof should be protected; the burning spot can easily be detected by holding a piece of paper over the burned plants, and with a pencil brush, lashed to a long rod, it can be painted out with a brush-full of linseed oil slightly colored with lead. You may rest assured that plants that are burning in this way will make very slow headway, as sometimes an area of six or seven feet is burned by one bad glass during the sun travel across the roof.

Of course, there are a great many plants that are being carried over from year to year that will require careful handling, and as this work is necessarily slow if one has several houses to prune and top dress, the work should be begun in good season. The Killarneys can be started by the first week of July, and the starting really means withholding the water and spraying every day, letting the soil dry out gradually and the wood ripen slowly. Two weeks of this and one can start pruning. Prune within about 18 inches to two feet of the ground, according to the height of the good wood found in the plants, or even higher if the lower eyes are dusty looking and the wood seems too old and hard. The best wood to prune back to will be fresh-looking, with plump eyes and smooth bark. And only experience will make it possible for the grower to prune properly, as only general directions can be given on paper. If the plants are only one year in the beds, the soil need not be renewed. Prune and tie carefully and give the plants a good allowance of bone, and cultivate it into the soil, and water rather sparingly for the first two or three weeks, but spray overhead frequently, preferably early in the morning and at about 4 p. m., not in the hottest part of the day, as a bad case of scalded foliage will be the result.

Richmond will require at least three weeks of drying before pruning, and can as a rule be pruned much harder;



ANNUAL OUTING OF THE NEW YORK FLORISTS' CLUB AT WITZEL'S GROVE, COLLEGE POINT, L. I., JULY 14.

also, all roses of this type. Keep the walks dampened and reduce the air towards night, as the stock will do much better than by leaving the ventilators wide open, outside of the risk one runs from sudden storms that may strike at any time during the summer. Do not leave the end doors open at any time, and avoid draughts summer or winter in the houses.

Stock being carried over the third season should have from two to three inches of the old soil removed and replaced with fresh soil, one part cow manure and three parts good sod soil, with the addition of bone meal or ground bone, allowing a handful to each plant. E.

The Osage Orange as a Dye-Stuff.

It will interest our western and southwestern friends to learn that the time is coming when the Osage orange can be put to a much more profitable use than as a mere hedge plant, but the new idea will be no bar to its continued use in hedges.

F. W. Kressman, a government chemist, recently stated before the American Leather Chemists' Association at Atlantic City, that the Osage orange tree is as prolific in properties necessary for manufacture of dyes for leather as fustic. Fustic wood is imported from the East Indies, the minimum market price before the war began being \$18 to \$20 per ton, which has now been doubled. It was stated at the convention that Osage orange can be shipped from Texas and Oklahoma to middle Atlantic ports for \$10 to \$14 per ton. Federal chemists state that the dye is in every respect as good as that obtained from fustic. We believe that fustic dye is used in other than the leather industry. A. F. F.

CHRYSANTHEMUMS

Growing Exhibition Blooms.

The plants being grown for large exhibition specimens will require lots of care from now on, and to be successful with them there must not be any let-up in the work of attending to their wants. They should now be ready for the final potting, which if not finished up by the first of July, valuable time is being lost. The size and condition of the plants at time of potting should govern the selection as to the size of pots or tubs for this final potting. Good, strong plants, well furnished with branches and healthy foliage, now in 8-inch or 10-inch pots, can stand being shifted into pots or tubs 14 inches to 18 inches in diameter when grown one plant to the pot, and if two and three plants to the pot, a larger size can be used, but it should be borne in mind that it is not the large size of the pots that will make the fine specimens, and if the plants are not in vigorous growing condition, with lots of healthy roots at time of potting, it is safest to use smaller size pots rather than pot into extra large pots containing too much soil for the plants to safely take care of. There is a great deal of difference in the growth of the plants, even though of the same variety. Out of six or eight plants, there are some that go ahead and respond to the culture treatment much better than the others and make large plants in considerably shorter time; these are the plants that should go into the larger size pots or tubs.

Two very important items to arrange for at the final potting of these plants is a live, rich soil and plenty of

drainage in the pots. Use plenty of broken pieces of pots over the holes in the bottom for drainage, and over these some well rotted manure. The compost best suited for these large chrysanthemum plants is three parts coarse sod loam and one part well rotted manure; to this can be added (when procurable) a liberal amount of leaf mould, sharp, clean sand, bone-meal, and a sprinkling of soot and charcoal. It is most important, especially with the final potting of these plants, that they be potted firmly so as to encourage a short, firm, sturdy growth. Fill in the soil well around the ball of the plant to within two or three inches from the top of the pots, leaving this for top dressing later on as the plants become established. After potting, extra care must be exercised in the watering of the plants, watering sparingly until the roots get well hold of the soil, after which they require a liberal amount of water and must not be allowed to suffer for the want of it. Syringe two or three times a day on bright days and dampen around where the plants are standing to maintain moist growing conditions all the time.

In this section of the country (Illinois) we have learned from experience that it is better to keep these large specimens entirely indoors where we have them under our control all the time, rather than put them outside, exposed to the heavy rain and wind storms, grasshoppers and other insects. Another very important matter is to give them the best bench on the place, where they will get plenty of light and all the air possible during the very hot weather, and do not overlook the necessary attention as regards supports; the branches will

soon be lengthening out considerably, and must be supported to guard against being broken. It is also well to bear in mind that training can commence from the very start, so that when any supports are put to the plants the object of the trained plant should always be held in view.

The plants of the early planted single stem cut flower stock being grown for exhibition are now growing vigorously, requiring constant attention in caring for their needs. They should be properly staked and supported and the sideshoots rubbed out as soon as large enough to properly handle. Most of these plants are now setting their summer bud, which must be removed when large enough to do so safely. This bud has a growth on each side of it, and one of these growths should be removed with the bud, and the other allowed to go on to make the growth. Some of the varieties are already throwing up a number of suckers at the stool of the plant, and these also must be removed, being careful not to cut the plant's roots when doing the work.

One very important point to be sure of in connection with this class of stock is to have the soil in the beds firm; if it is soft and spongy the plants will make a soft spindly growth, finishing up with long-neck flowers. What is needful is to encourage a short-jointed, sturdy growth. The soil of the beds is now getting well filled with roots, which means that the plants must not suffer for water, and they require copious syringings daily to keep the foliage in a luxuriant state.

As is advised here for the exhibition stock, so it is necessary with the early planted commercial stock, and the later planted stock will need attention to clear the beds of weeds and even up the surface, watching closely the condition of the soil for watering. The plants of the late varieties still in pots, being brought along for planting the early part of July, must not be neglected in any way. These young plants in pots require very frequent waterings and syringings to keep them in a growing condition.

It is time the pompon and single varieties were planted in their permanent quarters. One of the things the grower must look out for with these varieties is not to give them too strong compost or the sprays will be long-jointed with weak stems. Another important item is to be sure there is enough head room to the bench to safely carry the plants without them getting up in the glass. Most of this class of plants are grown in the nearly natural state, but if fine, long-stemmed sprays are wanted, the plants should only be allowed to carry three or four shoots. Do not neglect the regular spraying to keep down the insects of all kinds, which will quickly put in their appearance if this work is not attended to. C. W. JOHNSON.

NORTH MILWAUKEE, WIS.—Kamp & Spinti are planning to add two new houses this season.

KOKOMO, IND.—W. W. Coles and wife and daughter will attend the San Francisco convention next month.

PASADENA, CALIF.—The Huntington Land & Improvement Co. is erecting a greenhouse and store at 553 South Fair Oaks avenue.

WACO, TEX.—Tom Wolfe, florist, is making a boat trip from New Orleans to New York, where he will spend a vacation of several weeks.

Eelworm, Clubroot, Gallworm.

ED. AMERICAN FLORIST:

Please advise what difference there is in eelworm, clubroot and gallworm, to which rose growers frequently refer, and whether it is advisable to plant roses infested with any of these.

Pennsylvania. C. W.

Eelworm is a term applied to organisms belonging to the great class, nematoda. These organisms are often, and most properly, called nematodes. Eelworm, therefore, is a general term; any eelworm is a nematode. I have suggested, in this connection, the substantive word *nema* as being short and capable of linguistic modifications that recommend it. Thus we might derive from it the useful verb "to nematise," meaning to infect with *nemas*, and thence the adjective "nematized" and the substantive *nematizing*, etc. Also, by appropriate prefixes, another group of useful, though more or less technical, words suggest themselves, such as: *phytonema*, *zoonema*, *geonema*, *hydronema*, and very many others. The word *nema*, however, does not occur in the dictionaries. The word *nematode* has very little to recommend it philologically. It is badly derived from *nematoidea*, a word correctly derived from the Greek, meaning "like a thread." This latter term had its origin in the fact that the organisms to which it is applied are relatively long and slender, like a thread, though most of them that attack plants are microscopic or nearly so. "Nematodes and Their Relationships," a pamphlet from the yearbook of the United States department of agriculture for 1914, gives a further explanation of the terms eelworm and nematode.

Clubfoot is a name applied to diseases which cause misshapen roots—especially to that attacking the mustard or cabbage family. The disease differs completely from any caused by nematodes, though there is a certain superficial resemblance. The organism, *Plasmodiophora brassicae*, Wor., which causes this disease, is a vegetable organism of very low form, belonging to the myxomycetes. The myxomycetes are regarded by some naturalists as being animal organisms.

Gallworm is a species of nematode, *Heterodera radicolica*, Greef, and is fully described in the pamphlet mentioned above. It attacks several hundred kinds of plants, among them most of our cultivated plants, including roses. It occurs in tropical and mild temperature regions throughout the world, and causes losses amounting to millions of dollars annually.

Whether it is advisable to plant roses infested with this latter disease is a question that can hardly be answered simply by "yes" or "no," though in the vast majority of cases the answer should be "no; it is not advisable." If there is a region where the soil is already thoroughly infested with gallworm, and where the inhabitants, either through ignorance, carelessness or folly, are taking no precautions to reduce the amount of gallworm, roses infested with gallworm might be planted out with no economic offense against the inhabitants of the region. The ethics of the matter I must leave you to work out as best you can. Except in some such case as that mentioned, it would not be advisable to plant out roses infested with a

disease of so serious a nature as that caused by the gallworm.

N. A. COBB,
Agricultural Technologist.

OBITUARY.

Richard James Groves.

Richard James Groves, for 50 years engaged in the florist business at Atchison, Kan., and the oldest florist in that state, died at his residence in that city, July 17, aged 83 years. He was born in Bromsgrove, England, and came to America in 1857, locating in Kansas in 1861.

In 1865 Mr. Groves established the present floral business now operated at 1018 North Third street, Atchison. He learned the florist's trade in England, having been a florist there 14 years, and he got his start in Atchison in a peculiar way. There were only three florists in the state at that time and two of them had greenhouses in Leavenworth. The wife of one of them used to drive to Atchison with a spring wagon full of flowers, and return next day with the wagon empty. She sold out on one visit to O. C. Hager, who was then operating a restaurant. The rats ate all the plants off during the night, and next day Mr. Groves happened to be passing when Hager was throwing them out. One plant, a rose, looked a little better than the rest; Groves paid him 10 cents for it, and took it home, and this was the foundation of the present modern and commodious Groves' greenhouses. On July 6 of this year Mr. Groves turned his business over to his daughters, and the name was changed from Groves' Greenhouse to The Groves Floral Co. The business will be conducted in the future by Miss Marian Groves and Miss Clara Groves, a granddaughter of Mr. and Mrs. Groves.

Mrs. Sabina Louise Mallon.

Mrs. Sabina Louise Mallon, wife of Peter Mallon, a well-known florist of Brooklyn, N. Y., died at her home in that city, July 15, aged 64 years. Mrs. Mallon was born in Brooklyn, her maiden name being McDonald. Her father, Thomas McDonald, was at one time captain of the constabulary of Tipperary, Ireland. She had for years been an attendant at St. Francis Xavier's church (R. C.), of Brooklyn and was one of the founders of the Immaculate Conception Day Nursery. She is survived by her husband, two sons and two daughters. One son, William H., is associated with his father in the retail florist business, the other, Peter, Jr., is employed in Prospect park. The daughters are Miss Anna L. Mallon and Mrs. Daniel Bryan. The funeral was held on the morning of July 19 at the church she had attended, with a requiem mass.

A. F. F.

Abram Trueblood.

Abram Trueblood, a charter member of the Indiana Horticultural Society, and one of the best-known nurserymen of Indiana, died July 16 at the home of his son, S. C. Trueblood, at Indianapolis, Ind.; aged 88 years. Mr. Trueblood had lived in Indianapolis only a short time, coming here from Anderson, Ind., where he was a member of the Friends' church.

He is survived by a widow and three daughters, Mrs. A. H. Sherer, of Dayton, O.; Miss Alma Trueblood, of Anderson; Mrs. A. J. Weaver, of Berkeley, Calif., and two sons, S. C. Trueblood and W. D. Trueblood. The funeral was held at the home of his son July 19.

SOCIETY OF AMERICAN FLORISTS.

Programme of the Thirty-First Annual Meeting and Exhibition to be Held in the Civic Center Building, San Francisco, Calif., August 17-19, 1915.

TUESDAY, AUGUST 17.

FIRST DAY—OPENING SESSION, 2 P. M.

Opening exercises in Hall H, east side Fourth Floor, Civic Center Auditorium. Address of Welcome—By Hon. Jas. Rolph, Jr., Mayor of San Francisco. Responso—By W. F. Gude. President Welch's Address. Reading Minutes of Executive Board. Report of the Secretary. Report of the Treasurer. Reports of State Vice-Presidents. Consideration of Invitations for Meeting Place for 1916.

EVENING SESSION—8 P. M.

Balloting for Meeting Place for 1916, at St. Francis Hotel, Geary and Powell Sts. Reception to President Welch at the St. Francis Hotel—Music, dancing, refreshments. Strictly informal.

WEDNESDAY, AUGUST 18.

SECOND DAY—MORNING SESSION, 9 A. M.

Meeting of The Florists' Telegraph Delivery. 10 a. m.—Session S. A. F. and O. H.—Report of the National Flower Show Committee, George Asmus, Chairman—Discussion. Nomination of Officers for 1916. Report of the Judges of the Trade Exhibition and the Convention Garden. Report of the Committee on the President's Address—Discussion. 10:30 a. m.—Annual Meeting of The Ladies' Society of American Florists.

AFTERNOON SESSION—2 P. M.

Bowling Contest of The Ladies of the S. A. F. at alley to be provided. 2 p. m.—Session S. A. F. and O. H.—Discussion, "Are Not Insurance Rates on Modern Greenhouse Establishments Too High, in view of the lighter risks accruing from better and less dangerous construction?" Led by Wm. F. Kasting. Report of the Committee on National Publicity. Irwin Bertermann, Chairman—Discussion.

THURSDAY, AUGUST 19.

THIRD DAY—MORNING SESSION, 9 A. M.

Meeting of The Florists' Hall Association. 10 a. m.—Meetings, time allotted for Rose, Carnation, Chrysanthemum and Gladiolus Societies if desired. 11 a. m.—Election of Officers of the S. A. F. and O. H. for 1916. Polls open from 11 a. m. to 12M.

THIRD DAY—AFTERNOON SESSION, 2 P. M.

Question Box. Deferred Business. Annual Bowling Tournament, S. A. F. and O. H., at Grany's alleys, 924 Market St.

FRIDAY, AUGUST 20.

FOURTH DAY.

S. A. F. and O. H. Day at the Panama-Pacific International Exposition.

ESSAYS.

In view of the many and varied attractions of the convention and Convention City, the Executive Board decided that it would be unwise to take up the time of the convention with the reading of essays. Realizing, however, the value of the presentation of essays at the Society's conventions, the secretary was instructed to invite essays from various gentlemen willing to prepare them, such invitations and the number of them to be within his discretion, the essays to be furnished to the trade papers for publication during the convention period, and to be printed as part of the proceedings of the convention.

The following essays are presented:

"Is it Advisable for the Society of American Florists and Ornamental Horticulturists to Establish a National Credit and Collection Department?" by August F. Poehlmann, Morton Grove, Ill.

"The Problems Attending the Establishment of Permanent Convention Gardens," by Theodore Wirth, Superintendent of Parks, Minneapolis, Minn.

"The Necessity of National Publicity to Advance the Interests of Commercial Floriculture in the United States," by Albert Pochelon, Detroit, Mich.

INFORMATION.

Hotel Headquarters—The St. Francis Hotel, Geary and Powell Sts.

The Secretary's Office will be near the main entrance of Halls H, I and J, east side, fourth floor, in the Civic Center Auditorium, where all members should report as soon as possible after their arrival in San Francisco. Members who have not paid their 1915 assessment can make payment at this office and receive the official badge button, but the work of the office will be greatly facilitated if members will make remittances to the secretary prior to the convention.

Those desirous of becoming members of the Society may qualify at the secretary's office and will be accorded the privileges of the convention.

The address of the secretary after July 15 will be Care of Daniel MacRorie, 430 Phelan Bldg., San Francisco.

Life members' buttons will be sent to those entitled to them upon receipt of seventy-five cents, or they may be obtained at the secretary's office.

OFFICERS FOR 1915.

President.....Patrick Welch, Boston, Mass. Vice-President.....Daniel MacRorie, San Francisco, Cal. Secretary.....John Young, 53 W. 28th St., New York City Treasurer.....Wm. F. Kasting, Buffalo, N. Y.

STATE VICE-PRESIDENTS.

Alabama—W. B. Paterson, Jr., Montgomery. Arkansas—Lawrence Thomas Shelton, Fayetteville. California (North)—H. Plath, 510 Wyoming St., San Francisco. California (South)—Edwin Lousdale, Floradale Farm, Lompoc. Colorado—John Edward Johnson, Pike's Peak Floral Co., Colorado Springs. Connecticut—J. F. Huss, 1103 Asylum Ave., Hartford. Delaware—Wm. Turnavee, Box 71, Edymere, Wilmington. District of Columbia—Elmer C. Mayberry, 6 Dupont Circle, Washington. Florida—C. D. Mills, Jacksonville. Georgia—A. C. Oelschig, Savannah. Idaho—J. W. C. Deake, Two Falls. Illinois (North)—W. J. Kelmel, Elmhurst. Illinois (South)—J. P. Ammann, Edwardsville. Indiana (North)—W. J. Vesey, Jr., Fort Wayne. Indiana (South)—Geo. R. Gause, Richmond. Iowa—Roy F. Wilcox, Council Bluffs. Kansas—Chas. P. Mueller, 145 N. Main St., Wichita. Kentucky—George E. Schultz, 550 4th Ave., Louisville. Louisiana—Harry Papworth, New Orleans. Maine—A. E. Thatcher, Mt. Desert Nurseries, Bar Harbor.

Maryland—George Morrison, Carroll P. O., Baltimore. Massachusetts (East)—W. J. Kennedy, Chestnut Hill, Brookline. Massachusetts (West)—Alfred J. Loveless, Lenox. Michigan (East)—Frank Danzer, 26 Broadway, Detroit. Michigan (West)—Henry Smith, 139 Monroe St., Grand Rapids. Minnesota—C. F. Rice, 115 W. 6th St., Minneapolis. Mississippi—S. W. Crowell, Roseacres, Coakoma County. Missouri (East)—Robert J. Wandler, 2300 S. Grand Ave., St. Louis. Missouri (West)—W. L. Rock, 1116 Walnut St., Kansas City. Montana—J. P. Ring, State Nursery, Helena. Nebraska—Irwin F. Frey, 1338 O St., Lincoln. New Hampshire—Donald McLeod, Concord. New Jersey—J. G. Esler, Saddle River. New York (East)—Max Schling, 22 W. 59th St., N. Y. City. New York (West)—S. A. Anderson, 440 Main St., Buffalo. North Carolina—William Rehder, Wilmington. North Dakota—T. D. Smedley, 69 Broadway, Fargo. Ohio (North)—H. P. Knoble, 1836 W. 25th St., Cleveland. Ohio (South)—C. E. Critchell, 36 E. 3d St., Cincinnati. Oklahoma—Geo. Stiles, 139 W. Main St., Oklahoma City. Oregon—F. A. Van Kirk, 64 E. 50th St., Portland. Pennsylvania (East)—Harry S. Betz, Philadelphia. Pennsylvania (West)—W. A. Clarke, 121 7th St., Pittsburgh. Rhode Island—Fred C. Green, Supt. of Park, Providence. South Carolina—C. A. Moss, Spartanburg. South Dakota—W. T. March, Mitchell. Tennessee—Chas. L. Baum, Knoxville. Texas—Henry F. Greve, 325 Main St., Dallas. Utah—A. J. Ait, 62 S. Main St., Salt Lake City. Vermont—W. E. Peters, 137 St. Paul St., Burlington. Virginia—F. A. Wheelan, Mt. Vernon, Fairfax County. Washington—J. W. Duncaa, Supt. of Parks, Spokane. West Virginia—C. P. Dudley, Parkersburg. Wisconsin—Fred H. Holton, 457 Milwaukee St., Milwaukee.

CANADA.

Alberta—A. M. Terrill, Calgary. Manitoba—H. E. Philpott, Wianipeg. Ontario—H. Dillemoth, King St., East, Toronto. Quebec—G. A. Robinson, 749 St. Catherine Road, Outremont, Montreal.

EXECUTIVE BOARD.

For One Year. Thomas Roland, Nahant, Mass. August F. Poehlmann, Morton Grove, Ill. For Two Years. J. J. Hess, Omaha, Neb. J. A. Peterson, Cincinnati, O. For Three Years. Wm. R. Nicholson, Framingham, Mass. Robert C. Kerr, Houston, Tex.

Additional Members of the Board of Directors, Complying With the Amendments Adopted at the Boston Convention, to Serve One Year. Wallace R. Pierson, president of the American Rose Society, Cromwell, Conn. S. J. Goddard, Framingham, Mass., president of the American Carnation Society.

Irwin Bertermann, president of The Florists' Telegraph Delivery, 241 Mass. Ave., Indianapolis, Ind. Harry A. Bunyard, president of the New York Florists' Club, 40 W. 28th St., New York City. George Burton, president of the Florists' Club of Philadelphia, Chestnut Hill, Philadelphia, Pa.

Washington Representative.

W. F. Gude, 1214 F St., N. W., Washington, D. C.

NATIONAL FLOWER SHOW COMMITTEE.

W. N. Rudd, Morgan Park, Ill. Term expires Dec. 31, 1915. Thomas Roland, Nahant, Mass. Dec. 31, 1916. Chas. H. Totty, Madison, N. J. Dec. 31, 1917. George Asmus, Chairman, Chicago, Ill. Dec. 31, 1918. Adolph Farnwald, Roslyn, Pa. Dec. 31, 1919. Wm. P. Craig, Philadelphia, Pa. Dec. 31, 1920.

1915 CONVENTION ADVISORY COMMITTEE.

Daniel MacRorie.....San Francisco, Cal. H. Plath.....San Francisco, Cal. Angelo J. Rossi.....San Francisco, Cal.

OTHER OFFICERS.

Botanist—Prof. J. F. Cowell*, Buffalo, N. Y. Pathologist—Prof. H. H. Whetzel, Cornell University, Ithaca, N. Y. Entomologist—Prof. W. E. Britton, State Entomologist, New Britain, Conn.

Chairman Committee on Sports—Chas. E. Critchell, Cincinnati, O. Superintendent of Trade Exhibition—John Young, 53 W. 28th St., New York City.

Superintendent of Convention Garden—Daniel MacRorie, 430 Phelan Bldg., San Francisco, Cal. Sergeant-at-Arms—Will be appointed later.

*Deceased.

TARIEF AND LEGISLATIVE COMMITTEE.

W. F. Gude, Chairman, Washington, D. C. Ralph M. Ward, New York City. Julius Roehrs, Rutherford, N. J. James McHutchinson, 17 Murray St., New York City. Wm. H. Siebert, Jr., Long Island City, N. Y. Wm. F. Kasting, Buffalo, N. Y.

COMMITTEE ON SCHOOL GARDENS.

Benjamin Hammond, Chairman, Beacon, N. Y. Gust. X. Amthyn, Supt. of Parks, New Haven, Conn. Irwin Bertermann, Indianapolis, Michael Barker, Chicago, Ill. Leonard Barron, Garden City, N. Y.

JUDGES FOR THE TRADE EXHIBITION.

Will be appointed later.

JUDGES FOR THE CONVENTION GARDEN.

Will be appointed later.

PAST PRESIDENTS.

*1884 John Thorpe. 1896 Wm. F. Kasting. 1885 John Thorpe. 1897 William Scott. 1886 John Thorpe. 1897 Adam Graham. 1887 Robert Craig. 1898 W. F. Gude. 1888 E. G. Hill. 1899 W. N. Rudd. 1889 J. N. May. *1900 E. M. Wood. *1890 J. M. Jordan. 1901 Patrick O'Mara. 1891 M. H. Norton. 1902 John Burton. 1892 James Dean. 1903 John Burton. *1893 Wm. R. Smith. 1904 P. Breitmeyer. *1894 J. T. Anthony. 1905 J. C. Vaughan. *Deceased. 1906 Wm. F. Kasting. 1907 Wm. J. Stewart. 1908 F. H. Treadwell. 1909 J. A. Valentine. 1910 F. R. Pierson. 1911 George Asmus. 1912 Richard Vincent, Jr. 1913 J. K. M. L. Farquhar. 1914 Theodore Wirth

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

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Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE bureau of plant industry, of the department of agriculture, will distribute quite a number of new Chinese trees and shrubs next season, descriptive lists of which may be had on application to Peter Bissett, in charge of Foreign Plant Distribution.

Waste Factory Heat Utilized.

Dresden, Germany, July 13.—Successful results of experiments in increasing yields of gardens by heating the earth with the waste heat from factories and industrial establishments are announced by Prof. Kuebler of the technical high school. Fruits and vegetables grown under this novel condition, according to Prof. Kuebler, have been found to advance about twice as fast as the same things planted simultaneously in normal unheated ground and have attained from 40 to 100 per cent greater size.

Cleveland Flower Show.

The general committee in charge of the Cleveland flower show received the report of the retail displays committee composed of C. E. Russell, of Jones & Russell Co., chairman; C. M. Wagner, and Frank Ritzenthaler, of Knoble Bros. This is the result of several meetings held during the last week and interviews by several of the committee. The plan is to allot an equal amount of floor space to all the exhibitors desiring to make a display. Each exhibitor will be asked to change his exhibit each day and feature a different line of work on each day. In this way the retail section will contain an interesting collection of special work, illustrating all classes of decorative work the florists are called upon to execute.

It is also planned to have each exhibitor include in the five days of the show one day for table work, one day for corsage work, another for brides' bouquets, basket arrangements, etc., so arranged that a large variety of each class of work is shown each day. This plan was unanimously approved by the general show committee.

American Gladiolus Society.

SHOW AT ATLANTIC CITY.

All arrangements are now perfected and the show will be held at the Royal Palace Casino, situated on the Boardwalk and facing the ocean from three sides, thus insuring a hall as cool as one could wish for. The exhibition dates are August 26-29 inclusive, and the show will be open from 10 a. m. until 10 p. m. Admission will be charged as follows: From 10 a. m. to 6 p. m., 15 cents; from 6 p. m. to 10 p. m., 25 cents. There will be a musical program each evening rendered by Schwab's orchestra, the best in Atlantic City, and each afternoon of the first three days a lecture will be given as follows: Max Schling of New York, on "How to Arrange Flowers Artistically"; Arthur Cowee, Berlin, N. Y., "The Varieties of Gladioli"; Maurice Fuld, of New York, on "How Best to Grow Gladioli by the Amateur." The fourth day being Sunday, the lecture feature will be omitted.

The hall has been arranged into exhibition spaces, each 6 by 20 feet, which will constitute an exhibition space. Every exhibitor must divert from old methods of exhibiting, displaying his flowers in the most artistic and original way possible, and in this way make the entire show a thing of beauty. Exhibitors are charged a rental of \$20 for each space, but the committee pledges itself to refund this amount if the returns from the show warrant it. A number of spaces are unengaged and applications should be made at once to Maurice Fuld, 1 Madison avenue, New York. Applications from foreign firms, both for space for exhibition purposes and advertising space in the souvenir bulletin have been refused.

The committee is confident, that if the weather conditions are favorable, this show will draw an attendance of 100,000 people during the four days, so that the exhibitors have a splendid guarantee of making their exhibit profitable. From the very first they have planned this exhibit for the exclusive benefit of the American growers and dealers, and they will encourage all exhibitors to book as much business as they possibly can.

A special souvenir bulletin and programme is in the course of construction, and the committee is glad to announce that the advertising space in this bulletin has been completely covered, and that further applications must be refused. The bulletin will contain as contributors, the names of every prominent gladioli grower and 10,000 copies of same will be published which will be sold at the exhibition at 10 cents each.

The entire week will be known in Atlantic City, as "Gladiolus Week." This has been originated by the publicity bureau, and the Hotelmen's Association of Atlantic City, who are co-operating with our committee to make our show a tremendous success.

The growers from all over the country will contribute in the neighborhood of 100,000 spikes of cut gladioli, which will be furnished free of charge to all the beach front hotels, who will use them to decorate their dining rooms. In return the hotels will prominently advertise our show on their daily menus. As a further advertising campaign, the newspapers of Atlantic City will help us, and lithograph display signs will be prominent in the lobbies of the hotels, and in all the shop windows along the boardwalk. The committee will gladly help those attending the show, to arrange hotel accommodations for them.

For the benefit of those who are handicapped in the knowledge of arranging flowers artistically, an artist has been engaged who will help every exhibitor to accomplish what he is after. The hall will be open the day previous to the show, and a carpenter and sign painter will be on hand, to be of further assistance.

MAURICE FULD, Chairman;
MRS. B. HAMMOND TRACY,
ARTHUR COWEE,
GEORGE W. KERR.

Special Exhib'ion Committee,

Visitors at Panama-Pacific Exposition.

R. C. Kerr, Houston, Tex., president of the Texas State Florists' Association, is attending the convention of the Rotarians at San Francisco, Calif. He will spend some time sightseeing on the coast, remaining there until the S. A. F. convention.

Mrs. Una Updike, of the Galveston Floral Co., Galveston, Tex., is attending both the Panama-Pacific and the San Diego expositions, and will remain on the coast for about two months.

Mrs. T. S. Hillyer, of Austin, Tex., is making a trip through the Pacific northwest, and will return by way of San Francisco, visiting both expositions before leaving for home.

Chas. P. Mueller attended the Shriners' conclave at Seattle, Wash., and the Rotarian convention at San Francisco. He will remain on the coast until after the S. A. F. convention in August.

J. F. Steinhauser, of the Steinhauser Florist & Nursery Co., Pittsburg, Kan., is visiting both expositions, returning from the Shriners' conclave at Seattle, Wash.

M. Sharfenberg, of the Tulsa Greenhouses, is a Pacific coast visitor, attending both expositions.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—By all-round florist, designer; German, single, 25; 10 years' experience; good references; state wages.
W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—Specialist in roses carnations, mums, pot plants and general greenhouse stock; also first class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave. Lake Forest, Ill.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative, ability and ambitious. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By Aug. 1st in up-to-date florist place only; as a grower in general line first class stock; practical life experience in roses, carnations, chrysanthemums, etc.; also general line of potted plants and bedding stock. Capable of taking charge or section man. Middle aged, single man; German, honest and sober. Please state all particulars in first letter when writing.
Key 536, care American Florist.

Situation Wanted—As foreman or in section by high class, intelligent propagator and grower of all kinds of stock. Can handle help and do designing, decorating, repairing and thoroughly familiar with all heating systems. Can come at once; well recommended by up-to-date concerns. American, age 34, single, total abstainer; wages only \$14.00 per week and transportation expenses. For further particulars address
R. KLAG, 101 Stebbins Av., Webster Groves, Mo.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address
Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter.
RUGBY GREENHOUSES,
Rugby, N. D.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 135 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

Help Wanted—At once; two men; first-class rose, chrysanthemum and pot plant grower; middle age, married preferred. Also an assistant carnation grower with some experience; young man preferred. Modern plant of 40,000 feet in a city of 25,000.
ANSEL D. CARPENTER, Cohoes, N. Y.

For Rent—Four thousand feet of floor space on second floor, suitable for factory use, on northwest side of Chicago. Building brand new, well lighted and splendidly located. Very reasonable rent. For further particulars apply
Key 538, care American Florist.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Retail flower business. Good opportunity for live wire, either lady or gentleman. Increased 50% over last year. Low rent. Best flower town in country. Address
Key 523, care American Florist.

For Sale—Retail flower business with green house connection. Hot water heat. Good opportunity for a good designer. Low rent. Northwest side, Chicago.
ED. PALMEN,
3435 W. Chicago Ave., corner Trumbull.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city.
Box 49, Richmond, Va.

For Sale—Fine paying retail business in the heart of La Crosse, Wis.; established over 20 years, same location; residence and greenhouse in connection if desired. Reason for selling, owner wishes to retire. Chance of lifetime for right party. For further particulars address
Key 537, care American Florist.

HELP WANTED

A competent, reliable man to take charge of a country suburban place of about 130 acres; must have thorough knowledge of trees, plants, flowers and shrubbery; good recommendation required.

M. C. HEATH, COLUMBIA, S. C.

Seed Store Foreman Wanted

One of the leading Eastern Seed and Plant establishments desires the services of a working foreman for their Retail Store Department. Should have a general knowledge of seeds, plants, etc. State experience, age, reference and salary expected. Address

Key 535, care American Florist.

For Sale—Greenhouses; 13,000 ft. of glass. Moninger houses. Well stocked with a general line; best location in state; a good paying plant; liberal terms; retiring from business; a splendid opportunity. For particulars address
Key 531, care American Florist.

FOR SALE.

Greenhouses to be removed before Sept. 1st, 1915. Six houses 24x266 feet will be sold to highest bidder. Located at Kimball and Foster aves., Chicago, Ill.

THEODORE KRON, Owner,
3411 Foster Ave., Chicago, Ill.

FOR SALE.

Best paying greenhouse in Kansas, 14,000 sq. ft.; should be doubled in size. Great chance for an up-to-date florist. Place in best of condition. Two residences. Write for full description, list of stock and photo. Owner has made a fortune at the business acquiring lots of other property and wishes to retire. Topeka has to ship in \$10,000 worth cut flowers and plants annua ly.

J. M. KESLER, Florist,
Topeka, Kansas.

NOTICE

—OF—

STOCKHOLDERS' MEETING

CHICAGO, July 17, 1915.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel St. Francis, San Francisco, Calif., Wednesday, August 18, 1915, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting;

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Buffalo.

Market conditions remain unchanged, with the supply of flowers good. Gladiolus America is coming in perfect shape and the demand is good as it is meeting a long felt want. The sweet peas grown by Jerry Brookins & Son are about as good as any indoor orchid peas as to bloom, color and stem that we have seen. These growers certainly have sweet pea culture down to a fine art.

ANNUAL OUTING.

The annual outing of the Buffalo Florists' Club took place as per schedule, with everything as last year, even to the rain, which fortunately stopped about 2 p. m. The delegation, headed by the committee, arrived about 3 p. m., and following a few minutes after, and greatly to the surprise of everyone, were Mr. and Mrs. W. J. Palmer, both taking an active part in the effort to make all enjoy themselves.

The first event on the program was a ball game, captained by Dave Scott for the growers and John Kramer for the retailers. Upon being assured that the credentials offered were satisfactory and a bond being given for his agreeing to be fair in all decisions, L. H. Neubeck was allowed to umpire and "Grandpa" did his work well, considering he had to satisfy Ed Slattery, Louie Hock, Toby Shank and Jake Mayer, the "millionaire chauffeur" of Anderson's, not counting the young blood that had to watch out and not fall over the first named old gentleman. The winning team, as usual, was the growers.

Next was boys' race and after inventory, two Neubecks and one Streit boy were the winners.

Everybody's race was won by Eddie Stroh. Fortunately for him he was so short that a two-minute start was never noticed by the tall ones, and Eddie had a walk-away.

I will refrain from mentioning the names of the participants or the winners in the young ladies' race, only to say that Main street got two prizes, and one lady carried considerable weight. W. J. Palmer was the judge.

The hop, skip and jump race was won by Dave Scott, who just glanced at each one and then jumped over it each time. "Ever Ready Grever" also jumped.

The special race was between Mr. Meyers and Andy Adams. It was nameless and consisted of a combination walk, hop, step back and go forward. Each got a prize and there were no hard feelings.

"Grandpa" Neubeck with a 10-year-old boy on his back ran faster than Joe Streit with a cigar in his hand and his vest on; distance, 50 yards.

The ball throwing contest was good. If Tom Tobin could throw out work like he throws a ball, J. B. Stafford would not need any more help.

"Asthma" Loney and Henry Kraus acted as escorts for several young ladies and did their work in fine shape. At 7 p. m. dinner was announced, and 128 tired and hungry individuals sat down and enjoyed themselves. The prizes were handed out and the dancing followed.

The number of ladies in attendance this year was larger than last year, and next year will see many more. Mrs. Katherine Raeker and Miss Kantlin, who have stores on the west side, were very much surprised when they found out that such a good time was in store for them.

Harry Balsley, of "red pot" fame, was a welcome visitor.

The old men's race was won by William Waring, 74 years old, who, with a small handicap, defeated Ed Slattery and Emil Brooker, somewhat younger in years, but not in activity. "Edward Mepsted, Ottawa, Ont., please note."

E. C. Armbrust and wife are on a

LUXURIOUSLY EQUIPPED

FLORISTS' SPECIAL

to the

Annual Convention

San Francisco, Cal., Aug. 17-19, 1915

Lv. Chicago (Chicago & North Western Terminal) 10:00 p. m., Aug. 12
Ar. San Francisco 9:00 p. m., Aug. 16

Via Chicago & North Western Ry., Union Pacific R. R.,
Denver & Rio Grande R. R. and Southern Pacific Co.

Itinerary includes sight-seeing trips at Colorado Springs and Salt Lake City en route, passing through the grandest mountain scenery and attractive portions of the trip during daylight hours.

Low Round Trip Fare, \$62.50 from Chicago

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Make your sleeping car reservations early. For full information address H. A. GROSS, General Agent

CHICAGO & NORTH WESTERN RY.

148 S. Clark Street, Chicago

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visit to Elizabeth, N. J., and Atlantic City for two weeks. BISON.

Lancaster County Florists' Club.

The third Thursday of each month we have the use of the Chamber of Commerce rooms, but in spite of the fact that we pay rent we do not use them for July and August and instead have our picnic on the date of the July meeting and through the courtesy of our President, a meeting and afternoon of sports is held at his farm, one of the many delightful places to spend a hot half-day and evening, around this section of the world. Although our membership is limited in number, we had at the July meeting (or picnic), in round numbers about 200 people, thanks to some of our Chester county and Philadelphia friends.

Rocky Springs park was the place and could be reached by trolley for a nickel, but from the number of machines in evidence, the average florists scorns a trolley, and turns up his nose at anything cheap, as a nickel. But the youngsters were made happy by the distribution of tickets that entitled them to any of the various amusements in the park, each ticket being counted as a nickel, and the way those kids got rid of tickets was a revelation to the men who collected them and to the men who contributed toward their purchase, the latter getting the most enjoyment out of it.

At 12:30 a first-class picnic lunch was served to an apparently hungry crowd and then the fun began, a number playing cards for an hour and the balance taking in the sights of the springs or pitching quoits. Three strong games were going all the time on the Lancaster Quoit Club grounds, which were given to us for the day. Mrs. A. M. Herr again showed her skill at this amusement. Unfortunately there was no record kept of these games.

The crowd gathered along the river front of the historic Conestoga and the programme of amusements and field sports was carried out under the able direction of Frank Kohr. Elmer Weaver and Harry Rohrer, the hard-working committee in charge of all arrangements. The awards follow:

Boys' potato race—Edward E. Rohrer, first.

Girls' potato race—Miss Anna Myers, first; Miss Katherine Siebert, second.

Men's potato race—E. S. Rutt, first; J. D. Keohane, second.

Egg race—Miss Anna Myers, first.

Three-legged race—Martin Good, first; Frank Bare, second.

Fifty yard dash for men—Lloyd Weaver, first.

Fifty yard dash for boys—Paul Weaver, first.

Twenty-five yard dash for ladies—Miss Ida Miller, first.

Twenty-five yard dash for girls—Miss Ruth Barr, first.

Fat men's race—T. J. Nolan, first.

The tug-of-war was won through the leadership of S. S. Pennock and the superior strength of T. J. Nolan for their side, as the local men were not up to the wrinkles and seemed just a bit tired after the strenuous week the most of them had getting houses into shape and other little jobs this hot weather.

At 5 p. m. a chicken dinner was served with its accompaniments of vegetables (notice the plural) coffee and desserts. After dinner a general good time was had; those who wanted to danced; those who did not dance, enjoyed the evening crowd from the city.

All of this for a dollar—can you beat it? Any club wanting to give a successful picnic for a little bit of money should get into communication with our committee—for a few hundred dollars, they might be induced to take charge of your outing. ALBERT M. HERR.

Los Angeles.

Staiger & Munwiler dissolved partnership July 1, Paul G. Staiger buying the Munwiler interest, and will continue the business under the firm name of Paul G. Staiger, Nurseryman and Florist. The office and salesyard at 1852 West Washington street and the growing establishment at Lomita are to be vastly improved, both in appearance and in an economical way. In the future more time is to be devoted to the propagating end of the business, which is to be managed by Mr. Kyle at Lomita. A magnificent stock of kentia palms, ferns and begonias can be seen at the greenhouses. John Finken, for some time associated with the old firm, has severed his connection and has gone back to his old line. H. S. K.

The San Francisco CONVENTION NUMBER

OF

The American Florist

WILL GO TO PRESS

AUGUST 11

Many orders for Seeds, Bulbs, Plants and Supplies needed for fall work and business will be placed during the next 60 days, and Growers, Manufacturers and Dealers can secure a large share of this business by liberal advertising in our


31st Annual Convention Number

No Change in Prices. Single Column Inch, \$1.00; Page of 30 inches, \$30.00, with the usual discounts on a series of insertions.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

For 31 years the representative paper of the Florists, Seedsmen and Nurserymen of the United States and Canada.

 Please send your copy for this issue as early as possible.

POEHLMAN

72-74 E. Randolph St.,

Summer Roses-Summer Carnations

We Have The Best and Largest Supply

CURRENT PRICE LIST.

CATTLEYS--GIGAS

Per Doz.....\$4.00

ASTERS

Per 100\$3.00 to \$4.00

DENDROBIUMS

Per Doz\$6.00

EASTER LILIES

Extra quality flowers. Long stems.
Per Doz.....\$1.50 Per 100.....\$10.00

LILY OF THE VALLEY

Fancy, per 100.....\$4.00
2nd 3.00
3rd 2.00

CARNATIONS

Fancy, per 100\$2.00
Medium, " 1.50
Seconds, " 1.00

FERNS, NEW CROP

Per 1000\$1.50
3000 to 5000 at..... 1.25

MILADY	} Per 100	
RICHMOND		Extra long.....\$8.00
BULGARIA		Long..... 6.00
AARON WARD		Medium .\$4.00 to 5.00
KILL ARNEY		Short 2.00
WHITE KILLARNEY		
KILLARNEY QUEEN		
CECILE BRUNNER, also called Sweetheart		
Roses		per 100, \$2.00

FLOWERS FOR TRIMMING

Assorted lots.....\$1.00 and up

MISCELLANEOUS

	Per 100
Sweet Peas, summer flowering.....	\$.50 to \$1.00
Daisies, white and yellow.....	1.00
" Shasta	1.00 to 2.00
" Field, extra fine.....	.50
Gladioli.....	4.00 to 6.00
Coreopsis—Gaillardias.....	.75 to 1.00
Peonies.....	4.00 to 6.00
Smilax,.....doz.	\$2.00
Plumosus.....	2.00 to 3.00
Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, per 1000	\$1.25
Mexican Ivy, per 1000.....	6.00

American Beauties

	Per I
Specials, 48-60 in.....	\$8.00
36 in.....	2.00
30 in.....	2.00
24 in., young stock.....	1.00
20 in., " " " " " " " "	per 100, \$10.00
18 in., " " " " " " " "	8.00
Shorter, " " " " " " " "	3.00
	\$1.00, \$6.00.

Mrs. Chas. Russell

36-48 in., per 100.....	\$15.00
24-30 in., " " " " " " " "	12.00
18-20 in., " " " " " " " "	\$8.00 to 10.00
Shorter " " " " " " " "	\$3.00, \$4.00, \$6.00

Hoosier Beauty	} Per 100	
HADLEY		Long....\$8.00 to \$10.00
OPHELIA		Med. ... 4.00 to 6.00
SUNBURST		Short... ..
BRILLIANT		

Orders booked now for BOXWOOD for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock

Florists' Supplies

SPECIAL 40% JULY DISCOUNT

On all orders for wire designs amounting to \$10.00 or over.

Place an order with us and be sure of delivery.

12 Bales of Moss - - - \$10.00

Magnolia Leaves, per box - - - 1.25

Cycas Leaves, assorted sizes, 12 to 44 in., per 100 7.00

Galvanized Wire Rose Stakes, (No. 8—4 ft.) Special, per 1000, \$9.75

New Catalog Now Ready

Write for one. A postal will do Bigger and better than ever.

N BROS. CO.

Long Distance Phone,
Randolph 35.

CHICAGO, ILL.

Grafted and Own Root Rose Plants

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

GRAFTED, 2½-inch.		GRAFTED, 3½-inch.		OWN ROOT, 3½-inch.	
	Per 1000		Per 1000		Per 1000
Arceuthobium Brilliant.....	\$100.00	Hadley.....	\$140.00	Milady.....	55.00
Arceuthobium Ley.....	100.00	Milady.....	140.00		
Arceuthobium Marie.....	100.00	Bulgaria.....	140.00		
Arceuthobium Cecile Brunner.....	100.00	Cecile Brunner.....	140.00		
Arceuthobium Chas. Russell.....	130.00	Opheleia.....	170.00		
Arceuthobium Ophelia.....	130.00				
		OWN ROOT, 2½-inch.		OWN ROOT, 3½-inch.	
			Per 1000		Per 1000
		Bulgaria.....	\$55.00	Hadley.....	90.00
		Hadley.....	55.00	Milady.....	90.00
				Cecile Brunner.....	90.00
				Bulgaria.....	90.00
				d'Arenberg.....	90.00

Field Grown Carnations, as long as they last, \$6.00 per 100; \$55.00 per 1000.

QUALITY PLANTS

Arceuthobium Chatelaine, 2¼ in.....	100	3.50	1000	8.00	15.00
Arceuthobium 3 in.....					
Arceuthobium 4 in.....					
Arceuthobium Mediums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 35c, 50c, 75c, \$1.00 and \$1.50 each.					
Arceuthobium Paulas, Grandiflora and Gigantes strain, only the choicest varieties (Summer delivery), 2¼ in.....		\$3.00		5.00	
Arceuthobium 3 in.....					
Smilax, strong new stock, 2¼ in.....	100	2.50	1000	\$23.00	50.00
Smilax 3 in.....					
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in.....		2.50			
Hanging Baskets planted with: Sprengeri, Boston and Vincas. Foliage and blooming plants in sizes from \$1.00 up to \$3.50 each. These baskets are made up ahead of time and are established ready for use.					
Crotons, 4 in. at 35c each. 5 in. at 50c to 75c each.					
Pandanus Veitchi, highly colored, 4-in., 50c; 5-in., 75c; 7-in., \$1.50; 8-in., \$2.00; 10-in., \$4.00 each.					
Aracarias, Robusta Compacta, large plants, \$2.50 each.					
Crotons, well colored in all varieties, extra fine, 50 to 75c each.					
Asparagus Plumosus, 2¼ in.....	Per 100	Per 1000			
3 in.....	\$ 3.50	\$30.00			
4 in.....	7.00	65.00			
4 in.....	12.00	115.00			
Sprengeri and Boston Hanging Baskets for July					
	\$1.00, \$2.00 and \$3.00 each.				

While they last.

CHRYSANTHEMUMS.

While they last.

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Arceuthobium Marvella French, late white.....	\$8.00	\$70.00
Arceuthobium Pauline Anderson, late yellow..	4.00	35.00

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

SPECIAL NOTICE TO CUSTOMERS: You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

	2¼-inch	per
WHITE—	100	1000
October Frost.....	\$3.00	\$22.00
W. H. Chadwick.....	3.00	22.00
Timothy Eaton.....	3.00	22.00
Oconto.....	3.00	22.00
Alice Solomon.....	3.00	22.00
Virginia Poehlmann.....		
BRONZE—O. H. Kahn.....	3.00	22.00
RED—Schrimpton.....	3.00	22.00

POMPONS, 2½-in. stock, \$4.00 per 100; \$35.00 per 1000. Best standard varieties only.

	2¼-inch	per
PINK—	100	1000
McNiece.....	\$3.00	\$22.00
Enguehard.....	3.00	22.00
Maud Dean.....	3.00	22.00
R. E. Loeben.....	3.00	22.00
Patty.....	3.00	22.00
Wells' Late Pink.....	3.00	22.00
Chieftain.....	3.00	22.00
YELLOW—	100	1000
Golden Glow.....	\$3.00	\$22.00
Yellow Salamon.....	3.00	22.00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS

Kentia Belmoreana			
Single Plants	Each		
6 inch pots, 5 to 6 leaves, 18 in. high	\$0.40		
6 inch pots, 5 to 6 leaves, 18 in. high	\$4.50 per dozen.		
6 inch pots, 6 to 7 leaves, 24 in. high	1.00		
6 inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50		
6 inch pots, 6 to 7 leaves, 32 to 34 in. high	2.00		
6 inch pots, 6 to 7 leaves, 36 in. high	3.00		
6 inch pots, 6 to 7 leaves, 38 in. high	3.50		
6 inch pots, 6 to 7 leaves, 48 in. high	5.00		
6 inch pots, 6 to 7 leaves, 58 to 64 in. high	7.50		
Specimens, \$15.00 to \$50.00.			
Kentia Belmoreana			
Made-up Plants			
6 inch pots 3 plants in a pot 24 in. high	\$1.50		
6 inch pots 3 plants in a pot 38 in. high	3.50		
Specimens, very heavy, \$10.00 to \$12.00.			
Kentia Forsteriana			
Single Plants			
6 inch pots, 5 to 6 leaves, 18 to 20 in. high	\$0.40		
6 inch pots, 5 to 6 leaves, 28 to 30 in. high	1.00		

6 inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves, 46 to 48 in. high	3.50
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00
Kentia Forsteriana	
Made-up Plants	Each
6 inch pots, 3 plants in a pot, 24 to 26 in. high	\$1.25
7 inch pots, 3 plants in a pot, 28 to 30 in. high	2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8 inch tubs, 4 plants in a tub, 50 in. high	5.00
8 inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10 inch tubs, 4 plants in a tub, 5 ft. high	8.00
12 inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12 inch tubs, 4 plants in a tub, 6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants,	\$15.00, \$18.00 and \$25.00 each.

Phoenix Roebelenii	
Each	
4 inch pots, nicely characterized.....	\$0.50
7 inch pots, 22 in. high 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7.00
Areca Lutescens	
6 inch pots, 3 plants in a pot.....	1.00
7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00
Aspidistra Lurida	
Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....	1.50
Dracaena Massangeana	
5 inch pots.....	.75
6 inch pots.....	\$1.00 to 1.25
Dracaena Godseffiana	
2 inch pots.....	\$1.00 per doz.; \$8.00 per 100

FINE SUPPLY RUSSELL ROSES.

We make a specialty of growing roses best adapted to hot weather and recommend the Russell, Rhea Reid, Ophelia, Sunburst and American Beauties from our new crop.

Fancy Lilies, 75 cts. per doz ; or, if ordered in lots of 50 or more at the rate of \$5 per 100

CURRENT PRICE LIST

American Beauties		Per doz.	White and Pink Killarney, Richmond and Hillingdon	
Specials, extra long stems.....		\$2.50	Long.....	Per 100 \$6.00
Extra long stems, seconds.....		1.00	Medium.....	\$4.00 to 5.00
30 in. stems.....		2.00	Short.....	3.00
18-24 in. stems, New Beauties.....	\$1.00 to 1.50			
Shorter lengths.....	per 100, \$3.00 to \$6.00			
Russell		Per doz.	Cecile Brunner..... per bunch, 25c	
Extra long.....		\$1.50	Choice EASTER LILIES.....	75c per doz. 5.00
Good medium.....		\$0.75 to 1.00	LILY OF THE VALLEY.....	3.00 to 4.00
Short.....		.50	ASPARAGUS SPRAYS and SPRENGERI.....	3.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100	FERNS, new Wisconsin.....	1000, \$1.50
Extra long.....		\$6.00 to \$8.00	ADIANTUM.....	1.00
Medium.....		4.00 to 6.00	GALAX, bronze and green.....	per 1000, \$1.00
Short.....		3.00		

ROSES in lots of 500 or more at the rate of \$20.00 per 1000 .

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during July and August by the Chicago P. O. between Saturdaynoon and Monday morning

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg Station, Ill.

Chicago.

STOCK STILL PLENTIFUL.
Stock of all kinds is plentiful and is selling in large lots at low prices. American Beauty roses, especially in the larger grades, are seen at all the stores in large numbers, but are not moving any too well, even at the low prices offered. Roses in general are obtainable in large quantities at bargain prices, with the possible exception of Mrs. Chas. Russell, Ophelia and Double White Killarney. Hoosier Beauty roses are in good demand and continue to clean up well at good prices. Carnations are to be had in large quantities, but the supply is not as large as it has been which does not necessarily mean that what stock is offered is bringing better prices. Orchids are in good supply, but the receipts of gardenias are small. Peonies are offered in large numbers, but the end of the cold storage supply is near and no one will regret when they are gone. Gladioli are in unusually large supply and are selling at extremely low prices, with quite a lot of stock being thrown away each day. Lilies are not as plentiful as they have been, but there are still enough to go around. Lily of the valley is in good supply and in fair demand. Asters are more plentiful, but the quality of the stock offered in most cases is not what it should be. Sweet peas are seen at nearly all the stores in large supply and fairly good stock is obtainable at times. Greens of all kinds are plentiful, and while trade appears to be quiet, the sales so far during July in some instances compare most favorably with those of the same month last year. Outdoor stock of all kinds is in heavy supply, and is going out about the same way as it is coming in, and that is through the back door. It appears as if stock is shortening up somewhat, especially roses,

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

F E R N S

BEST AND CHEAPEST
ANY QUANTITY

LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

NOTES.

The thirtieth annual basket picnic of the Chicago Florists' Club will be held at St. Paul Park, Morton Grove, next Sunday, July 25, when all members of the trade and their friends are cordially invited to attend. Trains will leave the Union Depot over the Chicago, Milwaukee & St. Paul road at 9:30 a. m. and 12:40 p. m. and 2:05 p. m. Round trip tickets can be secured at any of the wholesale houses or from members of the committee at the depot for 30 cents each. Zima's band will furnish the music for the dancing and there will be sporting events of all kinds for the ladies, gentlemen and children, with a baseball contest between the wholesalers and the growers. It is rumored that a team representing the retail trade will be on hand to challenge the winner, so there promises to be something doing every minute of the day and from present indications it appears as if everyone in the trade who can possibly do so will be there. No admission will be charged to the grove, so bring the whole family.

CUT FLOWERS

Everything Seasonable
ROSES-GARNATIONS-GLADIOLI-ETC.
ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Herman Schiller and wife have returned from a 3,000 mile automobile trip through the west, most of the traveling being done in Wyoming and Montana. They had a very pleasant time for a while, but towards the end of the trip they encountered bad roads and at times were forced to hire teams to haul them out of the mud.

Frank Stuppy, with the Stuppy Floral Co., St. Joseph, Mo., visited friends here July 17. He left for northern Wisconsin the following day on a fishing trip and expects to return in time to attend the big picnic at St. Paul Park, Morton Grove, Sunday, July 25.

PETER REINBERG

30 East Randolph St., **LONG DISTANCE PHONE** CHICAGO
CENTRAL 2846.

NICE CROPS OF ROSES

RUSSELL--OPHELIA--RICHMOND

Also choice American Beauty, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

	Per 100
Richmond.....	
Killarney.....	
White Killarney ...	Extra select..... \$7 00
My Maryland.....	Select..... 6 00
Sunburst.....	Medium..... 5 00
Milady.....	Short..... \$3 00 to 4 00
Ophelia.....	

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short	50

ROSES, our selection..... \$3.00

	Per 100
Carnations	\$1.00 to \$3.00
Harrisii.....	10 00 to 12 50
Gladlioli.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000	\$2 00

2,000,000 Feet of Modern Glass

Z M E A C & N H N

THE ALWAYS RELIABLE WHOLESALE FLORISTS

SUPREME QUALITY

Roses--Beauties--Lilies
Carnations--Gladioli
Asters--Valley--Etc.

You cannot get any better summer flowers elsewhere than you can here nor any better service. Order your next supply from us. Start today.

 We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones
Central } 3284 Chicago
 } 3283

Mrs. Horton of the Bassett & Washburn office force, received word from C. L. Washburn this week that his business partner, O. P. Bassett, had left Pasadena July 17, in company with Mrs. Bassett, over the automobile route for this city and expect to reach here about September 1. Miss Schrieber, of the office force, is enjoying her vacation this week. Joe Einweck of the store force, writes from San Francisco, Calif, that he caught such a large fish the other day that it took three men to haul it into the boat. He did not spe-

cify what kind of a fish it was, but judging from his letter one would surmise that it must have been either a shark or a whale.

Miss Paradise has returned from a most delightful visit at Marquette, Mich., and is again attending to her duties at A. L. Vaughan & Co.'s store, much to the satisfaction of the proprietor, who performed the office work while she was away.

J. A. Rhoner has opened a new retail store in the Bush Temple at 102 West Chicago avenue, under the name

of People's Florist. He was formerly located on Milton avenue, but believes that the change of location will result in better business.

The John Kruchten Co. is offering a good supply of dahlias and an unusually large quantity of gladioli.

Miss M. C. Gunterberg and parents motored to Hampshire and back Sunday, July 18.

Wilbur Gullett, with Gullett & Sons, of Lincoln, was in the city on business this week.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, CHICAGO
 BEAUTIES-ROSES-CARNATIONS
 Randolph 2081.

Felix Reichling says that Peter Reinberg is having a brisk demand for field grown carnation plants, which are better in quality than in former years, according to one of their customers who has received his supply from this firm for several years back. Emil Reichling is busy making preparations for his trip to San Francisco, Calif., which will be the first vacation that he has taken since he has been in charge at the greenhouses. Herbert Hansen of the store force leaves July 24 to spend his vacation at Avoca, Wis.

George Wienhoeber, the South Wabash avenue florist, is a firm believer in advertising and his liberal use of printers' ink since he embarked in business for himself is the chief reason that he is enjoying such a good season now. He is using the street cars regularly, the daily papers occasionally and always has a neatly arranged window display. Miss Boughton, the cashier is spending her vacation at Detroit, Mich., and Joe Kral is visiting friends at Joliet.

Pochlmann Bros. Co.'s star stenographer, Sam Cohon, is away on his vacation, so Otto W. Frese is doing a little extra work at the store, and if any of the customers should receive a letter in long hand they will know the reason why. Trade in the supply department has shown a remarkable gain the past month, and requests for the new catalog are so numerous and so steady that if they keep up T. E. Waters will soon find his supply exhausted.

Herman Rogers of the Weiland & Risch store force, has returned from a delightful outing at Spring Lake and Detroit, Mich., where he spent the past two weeks with his family. Mr. Rogers says that the fishing was pretty good, but that the only ones he could catch were with a silver hook, and every true fisherman knows what that means. Joe Pfeffer, who keeps the Weiland & Risch books, left this week to enjoy a well earned rest at Silver Lake, Wis.

The Ickes-Braun Mill Co. installed a Kroeschell boiler when their new factory was built and the proprietors are well pleased with their choice of the new type of boiler that Kroeschell recently placed on the market, for it has given the best of satisfaction. In speaking of the greenhouse manufacturing business Carl Ickes says that they are very busy now and that two houses, 37x150 feet, were recently shipped to Lohr Bros., at Ottawa.

A. Vanderpoel, 4013 Colorado avenue, says that his wife, who broke her hip bone when she slipped and fell down stairs several days ago, is getting along as nicely as can be expected at the West Side hospital. Mrs. Vanderpoel is 63 years of age and it will probably be several months before she will be able to leave her bed, and Mr. Vanderpoel's many friends hope for an early and permanent recovery.

Martin Reukauf, with H. Bayersdorfer & Co., Philadelphia, Pa., and wife spent a few days here this week before leaving for San Francisco, Calif., where they will take in the

SUMMER =ROSES=

Large supply of choice stock in all the leading varieties including Mrs. Chas. Russell and Ophelia.

EVERYTHING ELSE IN CUT FLOWERS AND GREENS

Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

sights at the Panama-Pacific exposition. Mr. Reukauf and wife expect to be away about eight weeks and will attend the S. A. F. convention in August and will have charge of the Bayersdorfer exhibit.

Wietor Bros. are practically all sold out of chrysanthemum stock and it appears as if they will soon be cleaned up in pompons, for orders are numerous and more are arriving each day. Julius Kline, of the store force, has returned from his vacation which was spent at Lemont, and Chas. Drissler, another of the firm's local storemen, is enjoying a well-earned rest.

Allie Zech says that business has been good at Zech & Mann's store this week and it is surprising how well the shipping trade is keeping up. Joe Erringer, this firm's popular young shipping clerk, will leave next week on a vacation trip, and it is rumored that he will do something that Jimmy did while he was in Pennsylvania recently.

The two new houses, 40x225, that the Foley Manufacturing Co. built for Frank Schramm at Crystal Lake, Ind., are all completed and the proprietor is more than pleased with the way the order was handled. The Foley Co. has just received an order from Pochlmann Bros. Co. for three new plant houses to be erected in the near future.

Louis Wittbold made a trip to Ottawa this week to see how Winandy Bros. are progressing with the erection of the new Garland house, 76x900 feet, that Davis & Steiner are adding to their plant this season. Mr. Wittbold's son John is in the employ of the Winandy boys and so is Bill Garland of Des Plaines.

C. Springer, who has charge of the greenhouses at Tom Taggart's home at French Lick, Ind., was a visitor here this week, when he inspected several of the large commercial establishments that supply a large portion of the stock which is handled in the great central market.

Miss Niessen, of the Percy Jones force, leaves July 24 for Joliet to enjoy a well-earned rest. The relay team that will represent the Percy Jones establishment at the big picnic at Mor-

ton Grove, next Sunday, July 25, is in fine trim and will no doubt give a good account of itself.

Bruno Bandel, who has been in the employ of Pochlmann Bros. Co., for some time, has received orders from the Italian government to return home and will sail for Como, Italy, July 29. He is a son of John Bandel of that city, who exports considerable stative, ruseus, etc., to this country.

The A. Dietsch Co. has received an order from C. Sterling of Joliet for three new houses 25x125 feet, to be heated by a Kroeschell boiler. Fred Dietsch says that business is very good now and that the Dietsch factory is running full blast to catch up with the orders.

A. T. Pyfer & Co. report business as good as could or can be expected in both the local and shipping departments. A. T. Pyfer, the genial manager, jokingly says that this is the best year the firm has ever experienced.

J. C. Craig, the South Wabash avenue florist, had the decorations at Mt. Carmel cemetery last week for the Archbishop Quigley funeral, when the mausoleum was draped in mourning and surrounded by large palms.

Carl Hagenburger, of West Mentor, O., has been in the city this week placing orders with the John C. Moninger Co. for iron gutters and other materials for the reconstruction of four greenhouses 24x110 feet each.

Philip C. Schupp, of the J. A. Budlong company, spent Sunday, July 18, with his family at Lake Geneva, Wis., returning the following Tuesday, when he again assumed charge at the store.

Erne & Klingel are handling a nice supply of summer-stock, especially roses, which are in good demand considering the general market conditions.

Ed. Hunt, who is employed in the shipping department at the Chicago Flower Growers' Association store, is away on his vacation.

E. C. Pruner reports a very satisfactory business trip in Texas, Oklahoma and bordering territory.

Vaughan's Seed Store had a very fine display of outdoor Spencer sweet peas last week.

ROSE BUYERS

are steadily realizing that there is only one white rose on the market in summer that gives satisfaction and that particular variety is

Budlong's Double White Killarney

which has several strong features, viz: Full flower, heavy foliage, better keeper and shipper and last but not least it is whiter than the common strain of White Killarney.

HY GRADE BLUE RIBBON VALLEY HARRISII--GLADIOLI--ASTERS--SMILAX

Besides anything and everything that the market affords in Cut Flowers and Greens.

☞ You can increase your profits and business by sending your orders to ☞

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Quality
Speaks
Louder
Than
Prices.

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Ed. Mallison, of the Chas. Samuelson store force, had a most unpleasant vacation, for his father-in-law and mother-in-law, Mr. and Mrs. Hannaford, were killed and two young ladies badly shaken up while automobile riding in Michigan, where a party of 14 were enjoying an outing. It seems that the automobile party left the cottage toward dark to buy some provisions, and that the lights went out on their way back, and that they turned off the path and ran into a ravine, where the machine turned turtle, instantly killing Mr. and Mrs. Hannaford, who were seated in the front, and severely shaking up but not even bruising the two young ladies seated in the rear.

E. F. Winterson is slowly recovering from an operation for blood poisoning which set in in his left leg below the knee when he accidentally drove a spike in it, and while he is able to be about it bothers him more or less, and he is still under a physician's care.

Ed. Enders, with Chas. Samuelson, will leave the latter part of this month for the west, where he will visit the Samuelson fruit farm in Idaho, and later take in the sights of the Panama-Pacific exposition at San Francisco, Calif.

J. S. Johnson and Andrew Chronis motored to Fox River Park, near Aurora, July 25, where they met Frank Johnson, of the A. L. Randall Co., who was also taking in the scenery along the automobile route.

Mrs. J. F. Kidwell is getting along very nicely at the Presbyterian hospital and will probably be able to go home in two more weeks, but she is under the care of two nurses and a physician.

Will Wolf, of August Lange's, is at the West Side hospital threatened with blood poisoning from a wound in the leg caused by falling off a ladder.

W. N. Rudd and daughter have returned from Wisconsin, where they have been fishing for the past two weeks.

George Rozakles, the Chicago florist, left for Greece this week.

Visitors: James Cole, Sr., and R. Goldsborough, Peoria; J. F. Young, Dayton, O.

A. T. Pyfer & Co.

Wholesale Florists

30 East Randolph Street

Chicago, Ill.

THE SIGN OF QUALITY

Tri-City Florists' Club.

ANNUAL OUTING.

The Tri-City Florists' Club annual outing, held at the Knees summer cottage on Rock river, Thursday, July 15, was unusually well attended, almost the entire membership and their families being present. The day was perfect, though a trifle warm. Games were indulged in by those who cared to take part; also motor boating and dancing. The music for the occasion was furnished by Ludwig Stapp and added much to the pleasure of the day.

R. E. De Rycke of Viele Villa, showed a fine bunch of heuchera and Statice latifolia that received the favorable comment of those present. Hy. Gaethje showed a vase of gladioli.

Dinner and supper were served on the grounds and liquid refreshments were to be had at all times. The club was called to order for a short business meeting by President Harry Bills and

adjourned to meet Thursday, August 12, at the Alta Vista Nurseries, with R. M. C. Rohlfis.

WM. GOOS, Sec'y.

BOSTON, MASS.—Louis Golub and wife have the sympathy of many trade friends in the death of their six months' old baby Ruth, killed in an automobile accident at Holliston, July 13. Mr. Golub is a member of the firm of Golub Bros., Tremont street.

UNION GROVE, WIS.—The annual meeting of the Union Grove and Yorkville Greenhouse Co. took place at Minton's hall, July 12. The same directors were elected, namely, John Martin, J. H. Smith, W. E. Tucker, J. T. Gittings and E. H. Skeeves. Everything was found to be in first-class order. Instead of declaring a dividend to the stockholders, the money may be used to pay up part of the indebtedness.

LARGE SUPPLY SUMMER BEAUTIES

ROSES--LILIES--PEONIES
CARNATIONS--VALLEY--ORCHIDS--GLADIOLI
Finest Obtainable

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

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TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

Minneapolis, Minn.

MARKET HOLDS UP WELL.

Market conditions have held up exceedingly well the past week considering the warm weather. Roses have been in good demand at prices ranging from two to eight cents, but carnations are not doing as well, due to arrival of outdoor stock. Peonies are over except for a few of the late reds and they are very poor. Gladioli are here in quantities, with prices at from two to four cents. Sweet peas have been trying to bloom for the past two weeks but due to the wet weather have been dropping their buds. This week they are coming in fine for the first picking and bring from 20 cents to 50 cents per 100.

NOTES.

W. D. Desmond has returned from his trip north and has been very busy with arrangements for the picnic besides his work at L. S. Donaldson Co.'s store and rebuilding the greenhouses.

C. G. Anderson of the Minneapolis Floral Co. reports his chrysanthemums advertised in the classified columns of THE AMERICAN FLORIST last week as being all sold.

Max Kaiser of the Merriam Park Floral Co. brought the first asters of the season to Oscar Amundson July 16. He has two houses of these that look very fine.

Oscar Amundson and family are contemplating a trip of the lakes the latter part of this month, stopping off at Chicago, Detroit and Buffalo.

C. W. Moore and wife, of Valley City, N. D., stopped off for a few days on their return from the Panama-Pacific exposition.

Ralph Latham is very busy since his return from the north with plenty of work, and his man on a vacation.

H. B. Whitted has had several large wedding decorations out of the city this week.

Hans Rosacker has two of his new houses planted to roses, which look very fine.

O. Swanson has had more decoration for weddings this year than any year previous.

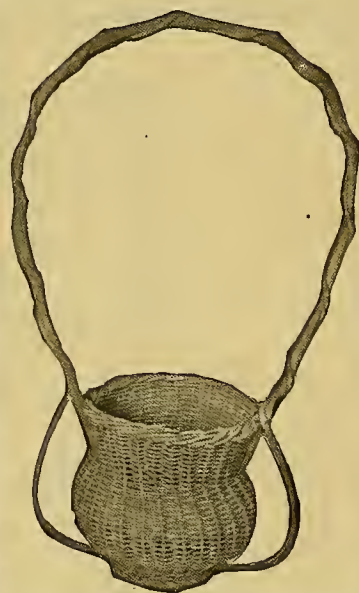
Rice Brothers are closing and all hands are off for the picnic Tuesday.

The Sunshine Florist has a very attractive window of summer flowers.

Herman Swanson of Minnetonka is cutting some very fine dahlias.

Theo. Vogle of Chapman's keeps up a very good window display.

BASKET BARGAIN



ASSORTMENT

25

Small Cut Flower Baskets
Including Liners

\$7.50

This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

Arthur Rice of Rice Bros. is leaving for Chicago on his vacation.

John Nelson, of Oshkosh, Wis., is here to attend the picnic.

Will Brothers are still cutting some very fine carnations.

John Martins is cutting some fine sweet peas. T. R.

Ft. Wayne.

HOT WEATHER AND DULL BUSINESS.

Midsummer is here with its attendant prices and dull business. There is a great oversupply of stock, both out of door and greenhouse grown, in the market, due, no doubt, to the incomparable growing weather we have experienced this spring and early summer. Roses are the best greenhouse grown flowers on the market. The best varieties are Ophelia, Sunburst, Sawyer and Russell. Killarneys are suffering most from the heat we have

had the last few days. There is little demand for American Beauties, but orchids meet with a fair demand for weddings and funeral work. The favorable weather has done much for the young carnation stock in the field. Asters are coming in in greater numbers, but are still quite small. Gypsophila is in good supply. Candytuft, feverfew and sweet peas are selling well.

NOTES.

An announcement party of much beauty was the Martin-Gilmartin dinner dance, July 15. The announcement with the date of the wedding August 3, was painted on a separate pink rose petal, hidden in a Sawyer rose at each plate. The table decorations were Sawyer and Sunburst roses arranged in French bisque vases and baskets, and were the work of the decorators of the Flick Floral Co.'s staff.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE

JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

The Bradley Flower Shop reports business quiet, with an occasional weddings or funeral design. They are showing some fine Gaskelliana cattleyas and Russell roses at present.

Ralph Tinkham of the Bradley Flower Shop has joined a party bound for San Diego, Calif., and the Panama-Pacific expositions. He will be gone several months.

Misses Mildred and Marguerite Flick are enjoying a two weeks' outing in Cleveland and Fostoria, Ohio.

Visitors: Representatives of Chas. Zinn & Co. and Tajimi Basket Co., New York. H. K.

GRAND RAPIDS, MICH.—Henry Smith is busy rebuilding three of his older houses. Foreman Geo. Collins, of this establishment, has been visiting old friends in Chicago the past week.—Eli Cross is moving into his new store on Campau Square, a very fine location.

WEST MENTOR, O.—Carl Hagenburger is rebuilding four of his houses, 24x110 feet each, and installing two new boilers, over which a new boiler house will be built. The greenhouse material is supplied by the John C. Moninger Co. and the boilers by Ryan Bros., Oil City, Pa.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

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E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,

CHICAGO.

L. D. Phone Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials.....	\$3 00
" " 36-in.....	2 50
" " 30-in.....	2 00
" " 24-in.....	1 50
" " 20-in.....	1 00
" " 15-in.....	75
" " 12-in.....	50
" Mrs. Chas. Ruaell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas.... per doz., 4 00@ 6 00	
Gardenias.... per doz., 3 00@ 4 00	
Gladioli.....	2 00@ 8 00
Lilium Harrlii.....	10 00@12 50
Peonies.....	2 00@ 8 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 4 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	1 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.... per 1000, 5 00@6 00	
Plumosa Stringa...each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprengeri, Plumosa Spraya.....	3 00@ 4 00
Boxwood, 35c per lb.	

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

The Retail Florists' Co.

Suite 510, 56 E. Randolph St.,
CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 182 N. Wabash Ave., CHICAGO

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WEILAND & RISCH
GROWERS AND SHIPPERS
CUT FLOWERS
154 NO. WABASH AVE.
CHICAGO
PHONE CENTRAL 879

SHIPMENTS EVERYWHERE IMMEDIATE DELIVERIES

FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED	
100	1000	100	1000	100	1000	100	1000
Mrs. C. W. Ward.....	\$7.00 \$60.00	Winsor.....	\$7.00 \$60.00	Matchless.....	\$9.00 \$80.00	Champion.....	\$8.00 \$70.00
R. P. Enchantress....	6.00 55.00	Peerless.....	8.00 70.00	Enchantress.....	8.00 70.00	Beacon.....	7.50 65.00
L. P. Enchantress....	6.00 55.00	Gorgeous.....	7.00 60.00	Perfection.....	7.00 60.00	Victory.....	7.00 60.00
Enchantress Supreme	8.00 75.00	Philadelphia.....	7.00 65.00	White Wooder.....	7.00 60.00	Comfort.....	7.00 50.00
Dorothy Gordon.....	7.00 60.00			Alma Ward.....	7.00 60.00	Commodore.....	7.00 60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

WARMEST WEATHER OF THE SEASON.
The past week wound up with the hottest weather of the season. So far it has rained nearly every day or night of the week, helping along most of the outside stock. Sweet peas, however, have been ruined, the stock coming in the past week being almost worthless. Asters promise to be fine, the advance flowers being very good. Gladioli are now seen in great variety, Mrs. Francis King being exceptionally showy. Zinnias are offered by several growers; there is no other flower with such a variety of color as this summer favorite; it is bulky to ship, and may not be profitable, but with its great variety of form and color it is artistic to a degree. The summer roses are all good, particularly Sunburst, Mock, Taft, Ward and My Maryland. The whites are below par; Double Killarney is the best, but nothing much to speak of. The old dependable for summer, the Kaiserin, has been cut out by most growers and very few see this market.

NOTES.

"One swallow does not make a summer," nor will the omission of the August florists' club meeting, although unusual, spell disaster, or even show signs of disintegration. The past three years of the club have been as full of achievement, even, perhaps, showing more accomplished, than at any previous time since its organization over twenty-five years ago. Some bright stars have passed away, but the personnel of the members is still quite up to the average. There is just now a summer apathy, but the coming season promises, with the incentive of the great International show, to fully eclipse anything that has gone before. The exodus to the summer resorts is not new; Waretown was discovered and, in fact, inhabited by the more or less bright lights of the club some twelve or fifteen years ago. Ten pins, when in the height of their popularity, furnished quite an incentive and helped attendance at the club, but a florist club that has to depend wholly on its amusements to live is in a very bad way indeed. If our friend "Phil" will man an oar and pull, he will experience some of the "joys of progress," which for some reason appear to be denied him at this time.

As yet there are no bookings from here for the convention, except for a few supply representatives. A few managed to get to Omaha, the farthest west convention of years ago, but "Frisco" is too far. Even the added attraction of the exposition is not sufficient to offset the distance.

The front of Convention hall has been made beautiful through the enterprise of H. A. Dreer, Inc., and the H. F. Michell Co., Inc. These firms are an honor to the profession. May they get big returns.

—Edward Reid and his fine Irish smile are much in evidence these days in describing his fishing experiences. It is wonderful how he catches such big ones.

Gladioli are the features with the Berger Brothers. Their stock is extra fine.

Wholesale Flower Markets

BOSTON, July 21.

	Per 100
Roses, Beauty.....	2 00@20 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@ 5 00
" Double White Killarney.....	1 00@ 6 00
" Killarney Brilliant.....	1 00@ 8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@ 8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@ 8 00
" Taft.....	1 00@ 8 00
" Mjladý.....	1 00@ 8 00
" Ward and Hillingdon.....	1 00@ 6 00
" My Maryland.....	5 00@ 5 00
Cattleyas.....	16 00@25 00
Lily of the Valley.....	3 00@ 4 00
Sweet Peas.....	50@ 1 00
Carnations.....	50@ 1 00
select.....	1 50@ 2 00

BUFFALO, July 21.

	Per 100
Roses, Beauty, special.....	20 00@20 00
" " fancy.....	15 00@20 00
" " extra.....	10 00@12 00
" " No. 1.....	6 00@10 00
" " No. 2.....	2 00@ 3 00
" Killarney.....	3 00@ 6 00
" White Killarney.....	3 00@ 6 00
" My Maryland.....	3 00@ 6 00
" Killarney Queen.....	3 00@ 6 00
" Richmond.....	3 00@ 6 00
" Sunburst.....	3 00@ 6 00
" Ward.....	3 00@ 5 00
" Taft.....	3 00@ 7 00
Lily of the Valley.....	4 00

Lilies.....	8 00@10 00
Calla Lilies.....	7 00@10 00
Cattleyas.....	40 00@50 00
Carnations.....	1 00@ 1 50
Daisies.....	1 00@ 1 50
Snappdragons.....	3 00@ 5 00
Mignonette.....	1 00@ 2 00
Peas.....	50@ 1 00
Gig. Lilies.....	5 00@10 00
Peas (nutdoor)..... bunch, 5c@10c	
Gladioli.....	2 00@ 3 00
Asparagus Sprengerii..... 35@ 50	
Ferns..... per 1000, 2 50	
Smilax.....	15 00

CINCINNATI, July 21.

	Per 100
Roses, Beauty..... per doz., \$0 75@ \$3 00	
" Killarney.....	1 00@ 6 00
" My Maryland.....	1 00@ 6 00
" Richmond.....	1 00@ 6 00
" Taft.....	1 00@ 6 00
Lily of the Valley.....	3 00@ 4 00
Lilium Giganteum.....	4 00@ 8 00
Asparagus Plumosa..... per bch., 25c	
Orchids, per doz.....	3 00
Gladiolus.....	1 00@ 3 00
Snappdragons.....	2 00@ 3 00

ST. LOUIS, July 21.

	Per 100
Roses, Beauty, medium.....	8 00@15 00
short stems.....	4 00@ 6 00
" Killarney.....	2 00@ 5 00
" White Killarney.....	2 00@ 4 00
" Aaron Ward.....	2 00@ 4 00
" Sunburst.....	2 00@ 5 00
" Ophelia.....	4 00@ 8 00
" Radiance.....	4 00@ 5 00
Valley.....	3 00@ 4 00
Carnations.....	1 00
Orchids.....	20 00@35 00
Asparagus Sprengerii, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii.....	6 00
Sweet Peas.....	20@ 40
Gladioli.....	50@ 1 50
Ferns..... per 1000, 1 50	

The Leo. Niessen Co. is pushing Russell roses. Easter lilies, choice lily of the valley and cattleyas are also seen in quantity. K.

LOS ANGELES, CALIF.—A floral and allegorical parade in which thousands of dollars' worth of blooms were used on decorated floats and vehicles was a feature of the Elks' convention.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.
McCALLUM CO.
Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS AND LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Oklahoma City.
Business is very quiet just now, an occasional funeral order or an out-of-town wedding order being about the only line of trade going.
A two-million-dollar capitol building is in course of erection here within the city limits, and it is to be ready for occupancy before January, 1917. The building is located within spacious grounds and there will be a splendid opportunity for much landscape work. The entire control of the capitol building is in charge of a capitol commission, consisting of three members, whose offices are here in this city.
M. Schultz, representing A. L. Randall Co., Chicago, was a visitor this week.
S. S. B.

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00

C. S. & CO.
NEW YORK

1000 Pips, \$15.00
2500 " 35.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of
500 Pips

CHAS. SCHWAKE & CO., Inc.,

90-92 West Broadway,

NEW YORK

New York.

INCREASED SUPPLY WITH LIGHT DEMAND.

The past week opened with cool weather, but heat and humidity increased as the days passed. Saturday, July 17, was probably the most uncomfortable day yet experienced since the beginning of summer. As a matter of course, business has been dull. Under any conditions this is the dull season and heat and humidity make it more disagreeable. Another feature is that such weather brings in a great stock of outdoor flowers. By July 17 there was a great increase in the supply of Gladiolus America. Asters are also arriving in considerable quantities and some very fair stock has been seen. From now on the asters will in a measure, take the place of the carnations, which are being thrown out to make room for the plants from the fields. The supply of American Beauty roses is not as heavy as it was a few weeks ago, but as the demand is light the supply is sufficient. The *Cattleya gigas* are in smaller supply and wholesale at the rate of \$40 per 100, inferior varieties being quoted as low as \$10 and \$15. In the various roses, other than American Beauty, there is some very good stock. The new rose, Hoosier Beauty, is one that looks promising and seems to be doing well.

July 19.—The heat is oppressive and business, as may be expected, is slow. The supply of asters and gladioli is increasing and there is no shortage in any stock.

NOTES.

All of those we have met who attended the sweet pea exhibition at Newport, R. I., speak highly of the quality of stock exhibited and say that the exhibition was a success. Among those who went from this city and vicinity were Julius Roehrs and wife, of Rutherford, N. J.; Frank Traendly, New York; Julius Chevalley, Blue Point, N. Y.; Chas. H. Totty and Wm. H. Duckham, Madison, N. J.; W. Atlee Burpee, Jr., Philadelphia, Pa.; C. E. Wethered, Arthur T. Boddington, W. A. Sperling, Harry A. Bunyard, J. H. Pepper and J. B. Deamud, New York.

We have recently noted in one of the show windows of Alexander McConnell's store, Fifth avenue and 49th street, three finely flowered plants of allamanda, we believe of the variety Hendersoni. The plants are in large pots and as they are climbers, they have been trained to a considerable height. The leaves are large and grow thick, while the flowers are large and of a yellow-orange color with light spots in the throat.

C. C. Trepel has just awarded the contract for an iron frame greenhouse, 40x100 feet, to be erected on the roof of his store at Broadway and 89th street. The contract calls for its completion by September 15, 1915. A modern elevator will connect the greenhouse with the store. The new greenhouse will be a conspicuous feature, situated as it will be, in the heart of the city.

The Essex County (N. J.) Florists' Club, with headquarters at Newark, will hold its outing at Gillette, N. J., August 4. The party will journey from Newark in automobiles, the distance being about seven miles. There will be games and races and a good time is expected. The leading florists of New-

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of
Its Best Growers

ark and Essex county are members of this club.

G. E. M. Stumpp now spends most of his time at his Southampton, L. I., store, paying a weekly visit to his New York store. Business is said to be active at Southampton, which is a fashionable summer resort. At his New York store we have recently noted



Louis Schmutz, Sr.
Veteran Flatbush Grower.

fine plants of French heather, grown by Louis Dupuy, Whitestone, N. Y.

Bertrand H. Farr, Wyomissing, Pa., president of the American Peony Society, was in this city July 15. Mr. Farr is much in demand as a lecturer on the peony and iris before horticultural clubs and societies.

J. W. Hauser and other florists of this city had fine designs for the funeral of St. Clair McKelway, late editor of the Brooklyn Eagle, which was held at Holy Trinity Church, Brooklyn, July 19.

Joseph Leven, one of the clever young salesmen employed by Guttman & Raynor, Inc., started July 15, for Augusta, Maine, where he will spend a vacation of two months.

John S. Nicholas, who recently modeled his store in the Grand Central building, will next season, put in a larger stock of seeds and may go abroad to buy.

W. H. Taplin, the well known grower, has accepted a position at Henry A. Dreer's Riverton, N. J.

J. C. Vaughan of Chicago is spending some time at his New York store.
A. F. F.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Flatbush, N. Y.

The Flatbush growers are now actively preparing for another season, and carnation planting in the houses has already begun.

Dailedouze Brothers, in addition to carnations have a fine healthy stock of chrysanthemums coming on.

At the Henry Hession range, the field carnations look fine and will soon be housed.

John A. Wocker has already planted several houses with carnations and his stock looks very fine. Louis Schmutz, Sr., and Louis Schmutz, Jr., are regular plant wizards and their stock is of great variety, including about all the commercial foliage plants and also flowering plants.

It is seldom that oleanders are now seen about a greenhouse, but they are growing them.

Charles E. Koch is another plantsman who has a fine stock of palms, ferns and dracaenas.

A feature of this place is a fine display of landscape and ornamental gardening.
A. F. F.

HOUSTON, TEX.—Preparations are already under way in earnest to make the second annual flower show of the state florists' association eclipse last year's exhibition in every way. The show will be held the first week in November.

OFFICIAL
S. A. F.

Shipping Labels

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones { 1664 } Madison Square, 34 W. 28th St., New York
{ 1665 } Square, Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Paul Meconi

Wholesale Florist

55-57 West 26th Street
NEW YORK CITY

Telephone: 3864 Madison Square.

New York Florists' Club Outing.

The annual outing of the club was held at Witzel's Grove, College Point, July 14. The day was perfect and the committee deserve credit for ably conducting the affair. The attendance was not as large as it has been in former years, but that was not the fault of the committee, and it is unnecessary to here discuss the various causes for the falling off in attendance. Breakfast was served on the arrival of the boat at the grove, after which there were races and baseball, the results of which are given below. There was also dancing in the pavilion. We may here suggest that if prizes are to be given for skill, strength and endurance, a prize should hereafter be offered for the best dancers. It might create interest in future outings to have something new.

OUTING NOTES.

Comparisons are odious, but the Greek-American florists had a larger attendance at their outing than did the New York Florists' Club. The two clubs might with profit hold a joint outing next year.

The growers from New Jersey helped to fill the gaps made by the absence of many old-timers. John Daly and wife, Harry Baughman and wife, John Birnie and wife, Wm. Otto and Mrs. Wittman and family are all clever picnickers. Also the Flatbush growers, Louis Schmutz, Sr., and wife, Louis Schmutz, Jr., and wife and several younger members of the family, Alfred Zeller and family and Alfred Demeusy, Jr., and wife. Everybody enjoyed themselves.

The following were winners in the games:

Girls' race, under 5 years, 100 ft.—Viola Greer, first.

Boys' race, under 5 years, 100 ft.—Andrew J. Handel, first; Raymond Schwartz, second.

Boys' race, 5 to 7 years, 100 ft.—Harry Grumbach, first; Jerome Trepel, second; John McCarthy, third.

Girls' race, 7 to 9 years, 200 ft.—Irene Mustoe, first; Margaret Smith, second; Martha Schmutz, third.

Boys' race, 7 to 9 years, 200 ft.—Howard Brown, first; Carl Giesler, second.

Girls' race, 9 to 11 years, 200 ft.—Carrie Peterson, first; Mary O'Connor, second; Frances Esch, third.

Boys' race, 9 to 11 years, 200 ft.—Robt. Hildenbrand, first; August Wai-bel, second; Francis Smith, third.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

	NEW YORK, July 21.	Per 100
Roses, Beauty, special.....	10 00@15 00	
" " extra and fancy...	5 00@ 8 00	
" " No. 1 and No. 2...	1 00@ 2 00	
" Alice Stanley.....	1 00@ 5 00	
" Prince d'Arenberg, special.	4 00@ 5 00	
" Francis Scott Key, special.	6 00	
" Mrs. Geo. Sawyer, special 3 00	4 00	
" " extra...	2 00@ 3 00	
" " No. 1 & No. 2	50@ 1 00	
" White Killarney, special...	6 00	
" Killarney, My Maryland...		
" " special.....	4 00@ 5 00	
" " No. 1 and No. 2...	50@ 1 00	
" " Queen.....	1 00@ 5 00	
" " Brilliant.....	1 00@ 6 00	
" Aaron Ward.....	50@ 6 00	
" Richmond.....	50@ 3 00	
" Sunburst.....	50@ 4 00	
" Taft.....	50@ 5 00	
" Milady.....	50@ 4 00	
" J. L. Mock.....	50@ 6 00	
" Hadley.....	1 00@ 6 00	
" Ophelia.....	25@ 4 00	
" Mrs. Chas. Russell.....	1 00@ 8 00	
Carnations.....	25@ 1 00	
Cattleya Orchids, special.....	35 00@40 00	
" " inferior grades..	10 00@15 00	
Lilies, Longiflorum and Harriell..	1 50@ 2 50	
Lily of the Valley.....	1 00@ 2 00	
Asters.....	50@ 1 00	
Adiantum Croweanum and Hybridum.....	50@ 75	
Asparagus Plumosus...doz. bchs.	1 50@ 2 50	
Smilax..... doz. strings.	50	
Sweet Peas, per doz. bunches.	25c@35c	
Gladolus..... per doz.,	10c@15c	
" " America.....	50@ 25c	

United Cut Flower Co., Inc.

WHOLESALE

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments
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Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street; NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Mention the American Florist when writing

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

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Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers.

Consignments solicited.

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WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

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Telephones: 2200 and 2201 Madison Square.

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Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

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WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

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Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

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FRESH CUT EVERGREENS

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Mention the American Florist when writing

George B. Hart

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Mention the American Florist when writing

M. C. Ford

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NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing

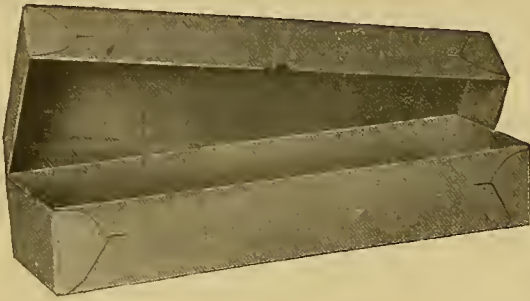
WHOLESALE FLORISTS

A. Young & Co.

54 WEST 28th ST. NEW YORK.

Consignments Solicited

Mention the American Florist when writing



YOU are judged largely by the way your flowers are delivered. Sefton Flower Boxes are made of best materials, finished in non-fading shades. "Ask your paper jobber."

You ought to have our Catalog also price list and samples; sent on request.

THE SEFTON MFG. CO., 1331 W. 35th Street, CHICAGO, ILL.

Girls' race, 11 to 13 years, 250 ft.—Anna Schwake, first; Agnes Wright, second; Phyllis Giesler, third.

Boys' race, 11 to 13 years, 250 ft.—Jos. Walter, first; Cornelius Begerow, second; Robt. Maver, third.

Girls' race, 13 to 15 years, 250 ft.—Eloise Schmutz, first; Ida Grumbach, second; Mary Walter, third.

Girls' race, 15 to 17 years, 300 ft.—Selma Guttman, first; Jennie Mamitsch, second; Lillian Schwake, third.

Boys' race, 15 to 17 years, 300 ft.—Geo. Walter, first; Wm. Wright, second.

Young men's race, 17 to 20 years, 300 ft.—Harry Walter, first; W. Bogart, second; Wm. Manda, third.

Young ladies' race, over 17 years, 200 ft.—Christina Nilson, first; Olive Iler, second; Minnie Weise, third.

Married ladies' race, 20 years and over, 200 ft.—Mrs. A. G. Handel, first; Mrs. L. T. Rodman, second; Mrs. Schwartz, third.

Men's race, members only, 300 ft.—Edw. Manda, first; N. B. Irwin, second; Alfred Demeusy, Jr., third.

Potato race for ladies—Lillian Schwake, first; Jennie Mamitsch, second.

Growers' race, for members, over 50 years, 300 ft.—E. J. Wright, first; Alfred Zeller, second; J. M. Kemper, third.

Growers' race, under 50 years, 300 ft.—Edward Manda, first; E. W. Hausman, second; Philip Manker, third.

Fat men's race, over 200 pounds, 300 ft.—Jos. A. Manda, first; John A. Kennedy, second; Emil Schloss, third.

Sack race, open for all, 300 ft.—M. Hank, first; Edw. Manda, second.

Standing broad jump, boys under 18—Al Rigo, first; Gus. Marshall, second; C. Begerow, third; Chas. Manker, fourth.

Standing broad jump, men members—N. B. Irwin, first; A. Demeusy, Jr., second; L. T. Rodman, third; A. Scott, fourth.

Ladies' race, wives of members only, 300 ft.—Mrs. John Daley, first; Mrs. Geo. Mustoe, second.

Ladies' bowling, open to all, three balls, total pins to count—Mrs. Schuman, first; Mrs. Jos. Manda and Mrs. R. J. Irwin tied, each of whom scored 22 pins; Mrs. Wittman, fourth.

Men's bowling, members only, three straight balls—Frank Grumbach, first; E. Holt, second; J. A. Manda, third; A. J. Guttman, fourth. Highest score, 27.

Baseball game, married vs. single—Umpires, Chas. Lorenz, E. Manda. The single men's team—Plebany, Hank, Geo. Walter, Philip Walter, H. Shabot, Chas. Bogart, W. Manda, Grumbach and Hausman. The married men's team—Wm. Bogart, A. Scott, Geo. Hildenbrand, P. Manker, F. Manker, Alfred Demeusy, Jr., Al Rigo, Peterson and Handel. Score: Single men 3, married men 2.

The handsomest girl baby under 2 years—Wilhelmina Manker.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless		Per 100
Green.		
20x 4x3, Teles. Cov.	.....	\$1 60
24x 4x3	.....	1 90
18x 5x3	.....	1 60
21x 5x3	.....	1 90
24x 5x3 1/2, 2-in. Cov.	.....	2 25
30x 5x3 1/2	.....	2 50
21x 8x4	.....	2 65
24x 8x4	.....	2 90
28x 8x4	.....	3 25
28x 8x5	.....	3 75
36x 8x5, Teles. Cov.	.....	5 25
40x 8x5	.....	6 75
30x10x5	.....	5 25
36x10x5	.....	6 75
30x12x6, Telescope	.....	7 50
36x12x6, Telescope	.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

Prepared Magnolia Leaves

Green, Brown, Red and Purple

\$1.00 carton (approximately 1000 leaves)
f. o. b. Evergreen

KNUD NIELSEN, EVERGREEN, ALA.

Nassau County Hort. Society.

The monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall, Glen Cove, Wednesday, July 14, President Westlake in the chair. A. Mackenzie, J. Adler and G. Hutton were appointed judges for the monthly exhibits, and the awards were as follows: For competition, one dish of raspberries—Jas. Holloway. One dish of red currants—W. D. Robertson. Six peaches—R. Jones. President Westlake's special prize for three vases of sweet peas was won by H. Jones. Jas. Holloway was awarded a cultural certificate for a collection of outdoor fruit (12 varieties).

An invitation was received from the Oyster Bay Horticultural Society to join them in their annual outing, August 17. Further particulars of this event will be given at a later date.

The exhibits at our next meeting will be 12 spikes of gladioli, six ears of sweet corn and 12 mixed asters.

At the sweet pea show held in the Glen Cove Neighborhood building, July 8, some fine exhibits were staged. The following were among the prize winners: Mrs. C. T. Cartledge (W. Noon, gr.); Ralph Pulitzer (T. Hitchman, gr.); Mrs. J. H. Otley (J. McDonald, gr.); and H. C. Smith (A. Walker, gr.).
JAMES GLADSTONE, Cor. Sec'y.

GUTHRIE, OKLA.—The flower and park committee of the Woman's Civic Federation held its first flower show July 3, and the success of the event will make it an annual exhibition.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING**.

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	Fall Announcement
Spring Planting	Thanksgiving
Memorial Day	Christmas
Social Occasions	St. Valentine's Day
Fall Planting	Easter

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS**. Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists. Write us for Booklet M.

MCNEFF-SWENSON CO.

High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) \$2.50
per case

Fancy Ferns	.....	per 1000, \$1 25
Dagger Ferns	.....	per 1000, 1 00
Natural Moss	.....	per bag, 1 75
Perpetuated Moss	.....	per bag, 3 50

E. A. BEAVEN, Evergreen, Ala.

LYRATA \$2.50

Fancy Ferns	.....	\$1 25 per 1000
Dagger Ferns	.....	1 00 per 1000
Natural Moss	.....	1 75 per Bag
Perpetuated Moss	.....	3 50 per Bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens,
EVERGREEN, ALABAMA

GALAX--LEUCOTHOE

New crop now ready. We are situated in the heart of the Galax section and can furnish you the very best stock. If you cannot get our stock from your jobber write us for prices. We can make it to your advantage to deal with us. Demand our greens and you are assured of the best the market affords at all times.

MT. MITCHELL DECORATIVE EVERGREEN CO., MARION, N. C.

SPOKANE, WASH.—The Spokane Floral Association will again supervise the annual flower show at the interstate fair this fall.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



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San Francisco, Calif.

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Successor to Sievers & Boland

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Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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FLORIST

Connecticut Avenue and L Street

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Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

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A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

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For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

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The Smith & Fetters Co.,

LEADING FLORISTS.

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CHICAGO

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NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken N. J. and New York

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For Wisconsin Delivery

OR
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

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La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

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Omaha, Neb.

Hess & Swoboda FLORISTS,

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1501 and L 1582

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Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clark's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washigton.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Byres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heisl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
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Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
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Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
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Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palmer, W. J. & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schlier the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
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Wolfskill Bros. & M. Goldenson, Los Angeles.
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Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery
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The Park Floral Co.

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Trade Directory

OF THE

United States and Canada

Price \$3.00 Postpaid.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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HOLLYWOOD GARDENS
 Seattle's Leading Flower Shop
 1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

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Members Florists' Telegraph Delivery.

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KEENAN BLDG.

Largest Floral Establishment in America.
 Established 1874. Incorporated 1909

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New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Blackstone

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

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Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656

Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.
 Member Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—The J. M. Gasser Co.
- Cleveland, O.—Smith & Fettera.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Flora Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City, Mo.—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metalric Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—Myer, Florist, 609 Madison Ave.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Archias & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearney St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Heintz & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto, Can.—Dunlop's, 60 Yonge St.
- Toronto, Can.—Simmons & Son.
- Washington—Blackstone.
- Washington—Gen. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Wheatly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell
 FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West. Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN
 INC.

NEW YORK 561 Fifth Ave.

Vanderbilt Hotel

BOSTON 1 Park Street

799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,
FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City.

Houston, Texas.

Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Order—
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

New York.

MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.

Rock's
FLOWERS

Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

16 N. 6th St., Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON
TORONTO, CANADA

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of Florists' Telegraph Delivery.

Trade
Directory
OF THE

United States and Canada

Price: \$3.00, Postpaid.

American Florist Co.,
440 S. Dearborn St., CHICAGO

Portland, Maine.

Floral Designs and
Choice Cut Flowers

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and
Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

Belgium Still Blockaded

No Azaleas for Christmas or Easter

Use Cyclamen for Christmas

Use Hydrangeas for Easter

CYCLAMEN



The popularity of these splendid winter-flowering plants is steadily increasing and to meet the growing demand we have had to increase our stock from year to year. We have been especially successful with our methods of cultivation and offer a larger and finer stock than ever for the 1915 season. Over 30,000 healthy and clean pot grown plants in the best known strains and varieties.

- | | |
|--------------------|---------------------|
| Wonder of Wandsbek | Excelsior |
| Glory of Wandsbek | Prince of Wales |
| Dark Red | Princess May |
| Brilliant Red | Giant White |
| Bright Red | Rose von Marienthal |
| Buckstone, Salmon | |

These splendid international strains can be had either in separate colors or assorted.

- | | |
|---------------------------|------------------------------------|
| 3-in., mixed colors.... | \$ 8.00 per 100; \$ 75.00 per 1000 |
| 3-in., separate colors... | 9.00 per 100; 80.00 per 1000 |
| 4-in., mixed colors.... | 15.00 per 100; 140.00 per 1000 |
| 4-in., separate colors.. | 16.00 per 100; 150.00 per 1000 |

This is sufficient reason why you will find it profitable to place your orders at once for the very fine Cyclamen and Hydrangeas described in this announcement

HYDRANGEA HORTENSIS



In order to meet the increasing demand for these favorite plants, we have had to largely increase our stock this season. We have the old, well known Otaksa and also an assortment of the best French varieties for Fall shipment.

- Otaksa, 5-inch, 3 in a pot, at \$3.60 per doz.
 The following is a list of the French varieties—
 5-inch, 3 in a pot, at \$4.20 per doz.:
- | | |
|----------------------|------------------------|
| Beaute Vendomoise | Mons. Ghys. |
| Bouquet Rose | Mont Rose |
| General de Vibraye | Mousseline |
| La France | President Falleres |
| La Lorraine | President Viger |
| La Perle | Radiant |
| Mme. E. Mouillere | Ronsard |
| Mlle. Agnes Barillet | Souv. du Lieut. Chaure |

THE FOLLOWING ARE VERY TIMELY OFFERS, TOO:

Poinsettias

Prepare for the big Christmas demand for this popular plant—and incidentally make sure of a fine profit by placing your order now.

2¼-inch at \$5.00 per 100

Whitmani Ferns

Real bargains in exceptionally fine pot-grown stock.

4-inch at 10c each.

5-inch at 20c each.

6-inch at 40c each.

Don't Overlook this Exceptional Offer

Boston Ferns—Unusually Fine pot-grown specimens.

5-inch at 20c each

6-inch at 35c each

7-inch at 60c each

8-inch at 90c each



Study these offers very carefully and arrange to get your profits by sending your order today.

The Geo. Wittbold Company

Long Distance Telephone, Graceland 1112

739 Buckingham Place,

CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary. Thirty-fourth annual convention, June 1916.

VISITED NEW YORK: Frederick W. Eberle, Albany, N. Y.

PANSY seed harvest is on early this year in Germany owing to warm weather early in the season.

FARIBAULT, MINN.—The Farmer Seed & Nursery Co. reports a very satisfactory business the past season.

CRAWFORDSVILLE, IND.—Crabb, Reynolds, Taylor Co. is installing seed cleaning machinery in its new three-story warehouse addition.

NEW YORK.—The Arthur T. Boddington Co., Inc., has been incorporated with \$100,000 capital. The incorporators are A. T. Boddington, C. W. Scott and R. S. Mills.

CHICAGO.—Prices for grass seed on the Board of Trade July 21 were as follows: Timothy, \$5.25 to \$6.50 per 100 pounds.—J. C. Vaughan returned from New York July 20.

UNION SETS in the Chicago district grown from the Bermuda variety and used for southern trade have been harvested. There will not be much done on regular sorts until next week. Growers fear tops will be too big, wet weather having continued to July 20.

JEFFERSON, IA.—The Zeller Seed Co. has obtained a location in the factory district on the Northwestern tracks. Work on the new seed house will begin immediately. The building committee has returned from different seed houses throughout Iowa and Illinois and will equip the new plant in the most modern way. The building will be 44x80 feet, two stories high, and of fireproof construction.

VISITED CHICAGO: Watson S. Woodruff and wife, Styles D. Woodruff and Watson S. Woodruff, Jr., New York; Wm. C. Langbridge and wife, Cambridge, N. Y.; Benj. Corneli and wife, St. Louis, Mo., returning from the seed trade convention at San Francisco; A. H. Luck, of the Farmer Seed & Nursery Co., Faribault, Minn., having motored through Iowa.

Johnson Seed Co. Bankruptcy Petition.

An involuntary petition in bankruptcy was filed against the Johnson Seed Co., 217 Market street, Philadelphia, Pa., July 17. The liabilities are estimated at \$21,000, with assets which it is thought will pay about 40 cents on the dollar. Attorney Frank A. Harrigan acted for Messrs. Johnson. W. Atlee Burpee & Co. and Henry F. Michell Co., Inc., of Philadelphia, were the petitioners. The court appointed Attorney James O'Brien as receiver to carry on the business for 30 days, during which time a meeting of the creditors will be called and the court asked to appoint a trustee. It is understood that an effort at reorganization will be made and a company formed to carry on the business.

French Bulbs.

More than 150 members of the Syndicate for Defense of Agricultural Interests met June 19, at the Cafe de la Potonde, when it was resolved to maintain more firmly than ever the prices fixed for bulbs, May 1, and to demand cash payment without discount. The syndicate, in the face of a short crop, urges all its members to observe this order strictly.

American Seed Trade Association.

POSTAL LAW AMENDMENT ADOPTED.

Following a suggestion made by Northrup, King & Co., Minneapolis, Minn., the following amendment to the postal laws committee's report was adopted:

Be it enacted, etc., that all matter embraced in the third class, including catalogues, pamphlets, price-lists, and other similar matter, wholly in print of some form, upon which the postage is now paid at the rate of one cent for each two ounces or fractional part thereof, fully prepaid, either by postage stamps affixed or without stamps under a permit number, the same rate is hereby extended to apply to the mailing of such printed matter in bulk, to varying addresses, each individual piece to weigh not less than two ounces without stamps affixed, at eight cents per pound or fractional part thereof; and fully prepaid in similar manner as now by law provided for the mailing of matter of the second class; but such pound rate shall apply only when such printed matter is offered in quantities of fifty pounds or more of identical items.

Corn Behind Schedule.

J. B. Maling, of Denver, who has spent much of his time in New York in the interest of Denver and Colorado transportation enterprises, returned to New York recently from a ten-day trip to his western home and is at the Hotel McAlpin. Mr. Maling insists that the optimistic crop reports now being put out, particularly regarding corn and its growing condition, do not square with the facts.

"In the great corn states of Illinois, Iowa and Nebraska this has been the coldest, most backward and rainy season experienced in years," said Mr. Maling, "and the condition of the growing corn gives ample proof of it. In the corn states it is an axiomatic saying that 'corn shall be knee-high on the first of July.'"

"This year corn through the great corn belt of the four states will not average today 14 inches high, and, whereas, under normal conditions, the farmer aims to have his corn fully cultivated and laid by on the Fourth of July, it is in no manner approaching a condition to be laid by at this date."

THE clover acreage in Michigan is reported to be 99 per cent of last year. The acreage plowed was seven per cent, as compared with 14 per cent in 1914.

Credits and Collections in the Seed Trade.

A paper by M. L. Germain, of the Germain Seed & Plant Co., Los Angeles, Calif., read at the thirty-third annual convention of the American Seed Trade Association, San Francisco, Calif., June 21-24, 1915.

Realizing that credits and collections are among the most important and most bothersome of any of the details of a modern business, I approach the subject with a good deal of trepidation, knowing that most business men are reluctant about taking suggestions or the experience of others in these matters. Every man believes that his credits and collections must be handled by himself according to his own lights, characteristics or disposition, as well as with a strict view to the characteristics of the man from whom he is collecting. It is for this reason mainly that I must force upon you my own experience on the subject.

I am strongly opposed to long credits. Have you ever noticed that the almost invariable defense to a collection suit is an attack on the quality of your merchandise? In most instances it is true this is the only possible defense and is advanced purely for the purpose of delay. However, I know of no poorer class of advertising than a defense of the quality of your seeds. Down-to-date seedsmen spend large sums of money every year to insure against just such attacks, and yet many of them in order to make a few additional sales are willing to run the risk of the very thing which they are attempting to eliminate. One suit with the attendant publicity will more than offset thousands of dollars' worth of advertising. We ourselves have very few complaints on the quality of our seeds from the people who have paid, and it would stand to reason therefore that if you can get in your money before there is any possibility of their attacking the quality of your goods, you are going to have less poor advertising and less expense. Of course we realize that today merchants are looking for volume of business as well as the turnover, and many figure that because some classes of seed only move once a year they must get them out at any cost. This is a fallacy which can be easily overcome by the very simple method of an agreement between the reputable seed houses of the country. The others must follow or fall by the wayside in the competition which will result.

Necessarily all of us believe in the right of the merchant to a legitimate profit, and likewise necessarily believe that the profit in the seed business is legitimate. We also believe in the right of the banks to obtain a legiti-

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALBIFY and SWEET PEAS.

Company

mate profit on the sale of their merchandise—their loans. We undertake to finance the customer and usurp the bank's prerogatives by financing the customer, and yet we receive no greater price from the long term customer than we do from the cash customer. It strikes me that we are admitting, unconsciously, perhaps, that our profits are too big, when in reality, if we will but figure the net profit on our sales, we will readily find that they will not justify long credits as the interest that you pay on borrowed money is just that much taken out of your net profits, your dividends at the end of the year. At the same time you are standing the risk that naturally goes with every credit transaction. The older the debt the harder it is to pay, and thus, often, the debt, through no fault of yours, becomes a matter of paying for "a dead horse." Crop conditions, weather conditions and many other causes leave the customer in a position where he has not only not made any money, but has actually lost, and it is under these conditions that it is hardest to collect. Referring again to the banks, it is their purpose and object to finance corporations or individuals. In most cases if your customer has the confidence of his bank, in other words, if he can so finance himself, he will come to you and pay for his merchandise. If he has no credit standing at the bank, he expects you to carry him without any additional compensation. You make him a present of the interest that he should be paying and you take an excessive risk. As we must realize, short terms (approximately 30 days) eliminate many credit losses, expense of legal proceedings and interest, in addition to bookkeeping, postage, stationery, stenographers and many other items of expense which at the end of the year make a very large hole in the amount of dividends which we receive.

In making collections the very first essential is to have "terms of sale," the second is to never forget them or rather to never let the other fellow forget them—and the other fellow is very prone to forget. It is here that the danger point arises, as many a man approaches his customer with an unwarranted fear in asking that which is only legitimately due him. You will invariably find that the man who objects to being asked for a legitimate debt, which is due, is a man to be watched very closely. Certain conditions, of course, must be taken into consideration in collecting, but I do not believe this is as important as most people think. Your object naturally must be to get your money without antagonizing your customer or without losing him.

At the beginning of our present fiscal year the directors of my company, realizing the hard times to come, decided to pursue a very strict policy of collecting, if necessary, at the cost of losing some business. We hardly expected an increase of business, which nevertheless we have had. And in furtherance of our policy the question came up as to how we could best work out our plan.

One of the first things we did was to get our competitors in line. This was accomplished with but very little trouble, and with the result that today we are all of us working on more or less the same system of collecting. Then the question arose as to the method of collecting, with the least possible investment of time, the least pos-

Galvanized Wire Stakes

Owing to higher prices on Galvanized wire and cost based on purchases made during the early Spring enable us to make the following special prices:

	Per 1000		Per 1000
3 ft. No. 9 wire	\$ 6.40	5 ft. No. 8 wire	12.85
3½ ft. " 9 "	7.50	6 ft. " 8 "	15.50
4 ft. " 9 "	8.50		

Shipments can be made any time between now and August 25th, as long as stock lasts.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

French Bulbs

A. & L. BREMOND FRERES,
Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES.

sible expense and the least possible amount of friction. First we made it a point to have our credit man and our salesmen inform every new customer of our terms of sale, and to ascertain if these were satisfactory to him. Then we worked out a series of collection notices and letters at a time when our digestion was good and our disposition the friendliest. This insured a uniform method of collecting and eliminated the possibility of the credit man writing letters which would be dictated more by his heart than his head. The notices and letters are all intended to get the money without offense and are gotten up with considerable care, a feature which we are not always in a position to give to each individual letter as it is dictated. These notices and letters are either printed or multigraphed, allowing accounts to be handled by an assistant without coming to the attention of the credit man until such time as it should have personal attention. The first of the series consists of printed notices, a first and a second. The printing of the notices has as its main object the elimination of the personal element. Your customer must realize that the printed notice which he has received was not printed for his special benefit, but that it is a part of a system which all overdue customers receive and casts no reflection. The first notice is sent out within five days after the account becomes due and is worded as follows:

"This notice is sent you as a reminder that your May (for instance) account was due on the 10th of this month. We will appreciate a prompt remittance to cover."

Now it has been our experience that there is something wrong with a man who will take offense at this notice. This notice will allow the man who has overlooked making a remittance to immediately send the same to you and you would be surprised at the returns that result. Or it leaves open to him

— MY —

Winter Orchid Sweet Peas

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the Panama-Pacific Exposition.

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK
Lompoc, Calif.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

FERNS IN FLATS

ALL VARIETIES

We ship by express during July and August, stock ready for 2½-in. pots in flats of about 110 clumps, which can be divided.

Price, \$2.00 per flat

20 or more flats, \$1.75 each.
Packing included.

Order now while we have full list of varieties to select from.

Write for illustrated folder.

McHutchison & Co.
17 Murray Street, NEW YORK

the opportunity to communicate with you. Approximately 15 days after the first notice has been sent out, a second notice, also printed, is sent out. This notice states at the top:

"Second notice. Reply wanted," and outlines that his account as shown by our statement of a certain date still remains unpaid, calls his attention to the increased cost of doing business as making it essential that collections be made promptly; again calls his attention to our terms of sale and requests an immediate remittance, unless he desires to pay interest on the account. Our third notice is a multigraphed letter calling the customer's attention to the fact that we have received neither a remittance nor a reply to two communications and, in the case of a retail customer, notifying him that we do not desire to believe that he has ignored them, requests a remittance; in the case of a wholesale customer, it calls his attention to the fact that we have received neither a remittance nor a reply and then continues in a very frank manner as follows: "We ask you to bear in mind that our net profit on wholesale business is about 2-per cent on our sales; that interest and carrying charges on accounts cost us ¾ of 1 per cent a month. Your account being past due has already reduced our profits.

"We desire to continue your account on a mutually profitable basis and will ask you to send us your remittance by return mail."

This letter, of course, will vary in every business. Fifteen days after this notice has gone forth we send out the following letter:

"You have evidently ignored our communications in regard to your account. Such inattention does not tend to the establishment of your credit, and causes us unnecessary expense and inconvenience.

"We have allowed your account to run beyond our usual terms, which make all bills due and payable on the 10th of the month following date of invoice. We have attempted to be lenient in your case, expecting that you would show us the consideration that is due us.

"As we have had no complaint from you as to the quality of our goods, or as to the service which we have rendered, we can only conclude that both of these have been entirely satisfactory, and that we are entitled to an immediate remittance.

"Regretting that we have been forced to insist in this matter, we remain."

Within 15 days after this last notice has gone out the matter is immediately brought to the attention of the credit man and the case receives personal attention. Of course at any time

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

97th Year

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Grown For The Wholesale Seed Trade.

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Sweet Pea and Nasturtium Specialists.

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FORTUNATELY for the Florist who takes advantage of it, we have another supply in cold storage of some of our most desirable bulbs, which we will sell by the case only at the following special prices.

Knowing us as you do, you can readily realize that when we announce the price as special it means a genuine saving.

VALLEY PIPS

In cases of 250, per case.....\$ 3.75
In cases of 500, per case..... 7.00
In cases of 1000, per case..... 13.00
In cases of 3000, per case..... 35.00

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9 to 11, per case of 100.....\$8.00
11 to 13, per case of 75..... 9.00

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7 to 9, per case of 225.....\$18.00
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7 to 9, per case of 225.....\$10.50
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LILIUM GIGANTEUM

6 to 8, per case of 400.....\$13.00
9 to 10, per case of 200..... 18.00

We believe that it will be to your advantage to order at once, even if your order is for future delivery as these prices are open only until August 1st, 1915.

J. M. Thorburn & Co.

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NEW YORK



PRINCESS. 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c; 1000 Seeds 35c; 1/4 oz. \$1.00; 1/2 oz. \$2.00; 1 oz. \$7.50.

- 38—Mme. Perret—Red and wine shades.
- 40—Zebra—Fine striped mixture.
- 42—Adonis—Light blue, white center.
- 44—Black—Almost coal black.

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

- 22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3 1/2 to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, and many others. Light, Medium or Dark Mixtures.
- 26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long.
- 28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance.
- 30—GIANT THREE AND FIVE BLOTCHED PANIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous.
- 32—GIANT PARISIAN—The flowers are of enormous size, and beautifully marked, mostly five dark blotches on white and yellow ground. An unusually showy mixture.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are \$5.00 per oz.; \$1.25 per 1/4-oz.; 5000 seeds, \$1.00; trade packet of 1000 seeds, 25c; any 5 pkts, \$1.00. Please order by number.

- 48—Lord Beaconsfield—Purple shaded white.
- 50—Bronze—Beautiful bronze.
- 62—Ceily—Steel blue, margined white.
- 64—Goliath—Large curled yellow, blotched.
- 68—Emp. William—Ultramarine blue.
- 84—Superba—Orchid tints of red and wine.
- 88—Sunlight—Yellow with brown blotches.
- 88—Andromeda—Curled apple blossom.
- 90—Colossea Venosa—Light veined shades.
- 92—Almond Blossom—Delicate rose.
- 94—Aurora—Terra cotta shades.
- 97—The above named Orchid mixed.
- 98—Indigo Blue—Deep velvety blue.
- 100—Light Blue shades.
- 104—Meteor—Bright red brown.
- 106—Fres. McKinley—Yellow, dark blotched.
- 114—Purple—Large rich deep color.
- 116—Peacock—Blue, rosy face, white edge.
- 118—Psyche—Curled white, five blotches.

- 126—Red—A collection of rich red shades.
- 138—White—Large satiny white.
- 140—White with violet blotch.
- 142—Yellow—Large golden yellow.
- 144—Yellow with dark blotch.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow, and with other amounts in like proportion.



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Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety; Correspondence Solicited.

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Angers, - France

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L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also Bamboo Stakes, green and natural, different sizes. Write for prices.

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Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

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PEDRICKTOWN, N. J.

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James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

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FINEST Pansy Seed QUALITY

My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture, 1 pkt. 5000 seed, \$1.00; 1/2 oz., \$2.00; 1 oz., \$4.00. Cash with order. **E. B. JENNINGS,** Lock Box 254, Southport, Conn. Grower only of Fine Pansies.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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Importer, Wholesale Grower and Shipper of
POT PLANTS
SPECIALTIES—Azalea Indica, Araucaria Excelsa
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BOX WOODS—Most Beautiful Stock

- Pyramids, 2 -ft.....\$1.00 each
- Pyramids, 2½-ft..... 1.50 each
- Pyramids, 3 -ft..... 2.00 each
- Pyramids, 3½-ft..... 2.50 each
- Standard Shape, 14x14 in..... 2.50 each
- Glohea, 14x14 in..... 3.00 each
- Heavy Bushes, 2-ft..... 1.50 each
- Nice Bushes, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

that the customer communicates with us, we enter into personal correspondence with him, secure a promise of some kind and then hold him strictly to his promise. We have of course had some complaints on this method of collecting, but they have been very few, and as near as I have been able to ascertain our lost customers from this method of collecting have not amounted to ten accounts, though we have had this system in operation for a period of a year. Of course some of our customers have taken exception to receiving notices of any kind, and when these people have stated they would pay their monthly account regularly on a given day of every month, we have refrained from sending them notices. The net result has been that we have 75 per cent less overdue accounts on our books than we had a year ago; that our collection expenses have been reduced very materially; that we have had to borrow considerably less money from the bank than in former years, and that today the number of notices that we are called upon to send out is comparatively small. In other words, our customers have become educated to the fact that if they do not pay we are going to get after them and stay after them until they do, and we find that when other wholesale houses who are selling these same customers are complaining of their collections, it is probably because our account is being taken care of promptly. On the other hand, we have found that many of our customers have requested that we give them a set of our collection notices and letters to use on their customers and are doing a better and cleaner business as a result, that lots of them are actually thanking us for the benefit we have done them rather than censuring us.

I am strongly inclined to suggest to the association that at some future convention the matter of terms and collection methods be taken up with a view to have them uniform all over these United States, thus eliminating the bothersome and unprofitable question of terms as a competitive feature in good sales.

Alfalfa for Flooded Corn Fields.

Rockford, Ill., June 21.—With a large acreage of farm land on which the corn was washed out by rains, or not planted at all because of the rainy weather, A. M. Ten Eyck, county soil expert, advises farmers, if they do not care to sow millet or soy beans, to prepare the land for alfalfa seeding in August. The alfalfa harvest in 1916 will, he declares, more than make up for the loss occasioned by the rainy weather this season.

FIELD GROWN Carnation Plants

Exceptionally fine stock ready for benching. Large sized plants.

	100	1000
Pink Enchantress.....	\$4.50	\$40.00
Rose Pink Enchantress.....	4.50	40.00
White Perfection.....	4.00	35.00
Mrs. C. W. Ward.....	4.00	35.00
Philadelphia.....	5.50	50.00
Zoe Symonds.....	4.50	40.00

Order Today

Peter Reinberg

30 East Randolph St., Chicago, Ill.

FOR SALE Marie Louise Double Violet Plants

Strong vigorous stock, \$2.00 per 100; \$15.00 per 1000.

F. R. SNYDER, Rhinebeck, N. Y.

Mention the American Florist when writing

Primroses

Forbesi, Malacoides, Obconica Alba Rosea, Ruby, \$2.00 per 100.
Obconica Gigantes, \$2.50 per 100.
Plumosus, \$2.00 per 100.
Pansy Seed, Giant Flowering, oz., \$4.00.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. \$2.50 per 1000. 5000 for \$10.00.

Elmer Rawlings, Home of Pansies,
ALLEGANY, N. Y.

Thousands of Chrysanthemums

20 kinds, Cyclamens, Begonias, Primulas, Cinerarias, Etc. Ready for market.
See our display adv. in American Florist, June 26, page 1211. Send for lists.

ALONZO J. BRYAN,
Wholesale Florist, Washington, New Jersey.

LAST CALL FOR Chrysanthemums

Including Some of the Newer Ones.

ASK FOR LIST.

\$3.00 per 100. \$25.00 per 1000.
Cash with order.

Elmer D. Smith & Co.
ADRIAN, MICH.

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Putevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2¼-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

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Specially priced stock list 2½ and 4-in.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD, OHIO

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
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Seasonable Stocks For the Progressive Florist

Freesias	Purity (True).	Per 100	Per 1000	Vaughan's Improved Purity.	Per 100	Per 1000	French Grown.	Per 1000
	5/8-in. and up.....	\$2.00	\$18.00	5/8-in. and up.....	\$2.00	\$18.00	Jumbo, 3/4-in. and up.....	\$10.00
	1/2 in. to 5/8-in.....	1.60	13.00	1/2-in. to 5/8 in.....	1.75	15.00	Mammoth, 1/2-in. to 3/4-in.....	8.00
	3/8 in. to 1/2-in.....	1.25	10.00	3/8-in. to 1/2-in.....	1.50	12.00		

Lilium Harrisii

	Per 100	Per 1000
7-9-inch (200 to case).....	\$ 8.00	\$ 75.00
9-11-inch (100 to case).....	20.00	180.00

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	Special Prices to "Clean Up"	Per case	Per 1000
Giganteum, 7-9-inch (300 to case).....	\$15.00	\$48.00	
9-10-inch (200 to case).....	16.50	80.00	
Formosum, 8-9-inch (225 to case).....	14.00	60.00	

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Let Us Have Your List of "Fall Bulbs" for Quotation.

FLOWER SEEDS

CYCLAMEN, Giant English Grown Each, \$1 00 per 100; \$8.00 per 1000 seeds.	}	Rosy Morn, Grandiflora Alba, Excelsior, Princess May, Maive Queen, Duke of Fife, Princess of Wales.
		Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.
CYCLAMEN, Giant German Grown Each, 65c per 100; \$5.00 per 1000 seeds.	}	White with Carmine Eye, Lilac, Pure White, Red, Pink.
CYCLAMEN, Giant Orchid-Flowered Each, 85c per 100; \$7.00 per 1000 seeds.		
MIGNONETTE, Giant Machtet.....	Oz., 75c; 1/4 oz., 40c; Trade pkt., 10c	
MIGNONETTE, New York Market.....	Oz., \$7.00; 1/4 oz., \$1.00; Trade pkt., 50c	
PANSY, Vaughan's International Mixture.....	Oz., \$10.00; 1/4 oz., \$1.50; Trade pkt., 50c	
PANSY, Vaughan's Giant Mixture.....	Oz., \$4.00; 1/4 oz., 60c; Trade pkt., 25c	
PRIMULA, Vaughan's International Mixture.....	1-16 oz., \$4.00; 350 seeds. 50c	

SWEET PEAS

Vaughan's Winter-Flowering Spencer, August Delivery.
Trade Packets Contain One-Quarter Ounce.

Anita Wehrman. Clear lavender.....	Oz. \$8.00	1/2 oz. \$4.00	Tr. pkt. \$2.00
Mrs. A. A. Skaach. Bright shell pink.....	1.75		.50
Mrs. J. Manda. Light shell pink.....	2.00		.50
Mrs. Woodrow Wilson. Apple-blossom pink.....	2.00		.50
Orchid Beauty, Dark rose, blushed with orange.....	2.00		.50
Pink and White.....	1.50		.50
President Woodrow Wilson. Magenta rose.....	2.00		.50
Rose Queen. Beautiful rose pink.....	10.00	5.00	2.50
Selma Swenson. Clear, light soft pink.....	10.00	5.00	2.50
Venus. Standard white, lightly blushed pink wings.....	2.00		.50
Yarrowa. The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with bluish wings. The flowers are exquisitely waved, many being double flowered and produced on long stout stems.....	Oz., \$2.00; lb., \$30.00; Trade pkt., 50c		

UNWIN TYPES

Blue Jay. Bright blue self color.....	Oz. \$0.40	lb. \$4.00	Tr. pk. \$0.15
Lavender Nora. Most pleasing lavender.....	.75	8.00	.25

For Complete List of Seasonable Flower Seeds, please write for Our Midsummer List, now ready.

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BEANS, write

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Contract Seed Growers
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GEO. A. KUHL,
PEKIN, ILL.,
For Prices and List of
MUMS, ROSES, FERNS,
BEGONIAS and General Stock
Wholesale Grower to the Trade.



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Good supply of choice plants in the following sizes and prices.

Order early for Boxwoods are scarce.

BUSH

15 to 18 in. high in pots, 50c to 60c each	
24 inches high in tubs.....	\$1.00 each
30 inches high in tubs.....	1.75 each

PYRAMIDS

2 1/2 to 3 feet high.....	\$1 50 each
4 feet high.....	2.50 each

STANDARD

15 inches high, balled.....	\$2.50 each
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Summer Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt.....	\$10 00 per 1000
Ricard and Poltevinc.....	12 50

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Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown, Junc. N. J.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ATCHISON, KAN.—Bohannon & Co. have succeeded Ryan & Bohannon.

TOLEDO, O.—The Lucas and Fulton County Horticultural Societies held their outing and dinner at Walbridge park, July 8.

WACO, TEX.—Sheriff S. S. Fleming has delegated one of his deputies to see that the nursery inspection law is enforced in this county.

BOISE, IDA.—Frosts failing to thin fruit trees this year, it has become necessary owing to the heavy yield for growers to resort to hand thinning.

THE third summer convention of the Illinois State Horticultural Society will be held at Urbana-Champaign, July 27-28. Apples are reported to promise a bumper crop in the state this year.

NEW ORLEANS, LA.—Harry Papworth of the Metairie Ridge Nursery Co., who offered to plant trees and shrubs gratis along the road for a distance of 1,000 feet in the plan for a parking system in the new Metairie Ridge subdivision, has had his plans approved by the parish authorities.

Immense Forest Nursery.

One of the largest forest nurseries in the United States is conducted by the forest service near Haugen, Mont. It is known as the Savenoc nursery and has a capacity of 4,000,000 young trees a year.

Trees Eight Dollars in Brooklyn.

Beginning next spring, the park department of Brooklyn will furnish to any residents of the borough trees at \$8 each to be planted in their yards or along the sidewalks. This is the cost price of the trees and Commissioner Ingersoll guarantees the city will plant the trees, care for them and replace them in case they die of natural causes within three years.

New Indiana Nursery Law.

Indiana nursery men are studying the new nursery law which went into effect June 1. The act is very stringent, requiring every nursery owner, salesman, solicitor and agent to report to the state entomological department and make affidavit that only clean stock will be sold.

Firms located outside the state, but doing business in Indiana, have to send in their original state certificates and take out licenses, while agents and solicitors are required to have a copy of their firm's original certificate and pay one dollar for a license. On demand of an inspector they must show both certificate and license and must furnish the state entomologist with copies of all forms, contracts and agreements.

Violation of any of the act's provisions subject the guilty person to revocation of license and a fine of not less than \$10 nor more than \$100.

English Walnuts in Pennsylvania.

The English walnut is attracting wide interest in Pennsylvania as a commercial orchard tree. Scarcely a week goes by at the Pennsylvania State College without receiving inquiries concerning this nut. These inquiries are usually prompted by the fact that already within the state are bearing trees which have proved both their hardiness and their ability to bear abundant crops of nuts equal or superior to the nuts found in our eastern markets, which are imported from the Old World, California or Oregon, the principal sources of our commercial supply.

Because of the interest manifested, the department of horticulture of the college has planned a thorough investigation of the subject. This will begin with a survey of the state to determine the location of all trees. In order to make this survey as complete as possible, the department urgently requests the assistance of every one who can give facts concerning such trees, especially as to location, character of nuts, age of trees, and hardiness. Owners of nut trees are urgently requested to correspond with the college. It is hoped that this information will be sent in to the department without delay so that the trees may be visited by the investigators and fuller notes and observations made.

Whoever is growing such trees is invited to write to F. N. Fagan, State College, Pennsylvania, giving information both as to the trees and to the property upon which they are located.

Trees and Shrubs with Decorative Fruits.

From this time until April of next year the arboretum will be interesting for the fruits which are to be seen here. Nothing so surprises and delights European visitors who come to the arboretum in summer and autumn as the profusion of showy fruits which are produced here by many trees and shrubs. The bush honeysuckles are perhaps now the handsomest plants in the arboretum with ripe fruit. They produce fruit in great quantities and it remains in good condition for several weeks, and as the different species ripen their fruit from July until the beginning of October the second period of their beauty is a long one. On different species and hybrids there are blue, black, orange, yellow, wine-color and scarlet fruits, and these beautiful and abundant fruits following beautiful flowers make some of the bush honeysuckles desirable garden plants, especially in the northern United States, where they are very hardy and where they appear to fruit more freely than in other parts of the world. The orange-colored translucent fruit of *Lonicera minutiflora* is perhaps the most beautiful in the collection. This plant is a hybrid between the Tartarian honeysuckle from Central Asia and a species from eastern Siberia, *L. Morrowii*. *L. muscaviensis* is covered with large and translucent fruit. The fruits of the Tartarian honeysuckles are sometimes red and sometimes bright yellow. Two hybrids of this species, *L. bella* and *L. notha*, bear crimson fruit. *L. xylostemum* produces large, dark crimson, lustrous fruit, and a hybrid of it, *L. xylostemoides*, large red fruit. All the numerous forms of *L. coerulea* in the collection, a species which is found in all the colder parts of the northern

hemisphere, have bright blue fruit, and that of *L. orientalis* is black and lustrous. *L. Koehneana*, a native of western China, is now covered with large, dark, wine-colored, almost black fruits which follow yellow flowers. This is a native of western China and is a hardy and valuable garden plant. There is a large specimen now covered with fruit among the Chinese shrubs on the southern slope of Bussey Hill. These bush honeysuckles form a group of shrubs worthy of the attention of persons who desire to form collections of large, fast-growing, hardy shrubs, beautiful when covered in early spring with innumerable flowers or in early summer or in autumn when their showy fruits are ripe.—Arnold Arboretum Bulletin.

Roses for Fall Blooming.

Henry Thomas, in the *Journal des Roses*, writes of his long experience in growing roses in the open for bloom in September and October. He finds the varieties which continue to produce presentable flowers after the early frosts to be few. Some, however, are persistent and hardy, and would be well worth trying for bloom in our long Indian summer. The type of bedding rose for fall blooming is *G. Nabonnand*, free and beautiful of bloom, keeping its foliage and fine odor well into the autumn. Peace has the same quality, a yellowish *G. Nabonnand*. Neither of these roses mind partial shade, both open well and are not injured by rain.

Marquis de Querhoent comes next, the foliage not so good, but the flowers lovely, running the whole gamut of color from China pink, salmon to copper yellow. *M. Tillier*, a fine bedder and one of the rarer deep pink autumn roses. General Galleini, also deep-colored and is finer in fall than summer. *Madame Antoine Mari*, pink and white, is very pretty when half open, extremely hardy. *Souvenir du Pres. Carnot* is hardy, but blooms in bouquets, rather spoiling it for cutting. *Maman Cochet* has the disadvantage of too brittle stems. *Mrs. Arthur Robert Wadel* is a pretty flower, with durable foliage; flower bi-color, reddish salmon and rose. *Lady Roberts*, rose color, blooms abundantly in autumn. *Betty Berkeley*, deep colored, very free, is especially pretty in buds when half open. *Luciole*, resembles *G. Nabonnand*. *Mrs. Aaron Ward*, persistent foliage and pretty flower. *Antoine Rivoire*, fine in all seasons, loses its foliage a little. *General MacArthur*, flower brilliant scarlet red, a rare red rose for the fall, blooming freely very late. Among the polyanthas, *Leonie Lamesch*, with its strange ever-renewed blossoms, and *Cecile Brunner*, are good late bloomers. A climbing *Cecile Brunner* is always in bloom and holds its foliage till December. *Mrs. Edward Powell* should have a great future as an autumn flowering rose. It is to me the best rose of 1910, and

Rose George Elger, dwarf remontant multiflora or polyantha; very floriferous, erect growing, reddish green, pliable wood, foliage deep lustrous green above, red brown underneath, flowers in large corymbs, coppery golden yellow passing to light yellow, buds golden yellow. The yellowest of the remontant polyanthas, and might be called a dwarf *W. A. Richardson*. Forces well. Good either for pots or bedding.

Baltimore Nurseries California Privet

Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.

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ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Mme. John Crouch, sport of Lyon-Rose, has the same vegetation and character, but with a salmon-yellow color, salmon rose mixed with yellow on background of rose of Lyon-Rose. Source d'Or, hybrid Erichuriana. Very vigorous, erect grower, dark green foliage. Flowers in clusters of many double flowers, large for the kind. Golden yellow passing to fresh yellow as they open. Buds golden yellow.

Triomphe Orleansais, dwarf remon- tant polyantha. The coloring suggests Jessie and Erna Teschendorff, but the growth is much more vigorous and healthy and the flowers much larger. Madame Norlie Loyer, vigorous grower, fine light green foliage; very large, very double flower, suggesting the form of Mme. Caroline Testout, stiff stem, color a fresh brilliant rose, not changing. Always in flower.

Expert Horticulturists.

An old Irish woman, who kept a small fruit stand in Dublin, was displaying for sale a few watermelons which had been given her. A smart fellow, wishing to take a rise out of her, took up one of the lot, observing: "These are tarnation small apples you grow over here—now in America we have them twice this size."

The woman slowly removed the dudheen she was smoking from between her lips and coolly surveyed her inquirer from head to foot for a second or two. Then in a tone of pity she exclaimed: "Be jabbers, sorr, ye must be a sht ranger in Oireland, and know virry little about the fruit av our country when ye can't tell apples from gooseberries."

WEST PARK, O.—The Lorain Avenue Greenhouse Co. has been incorporated by Charles B. Nichols; capital, \$30,000.

AUSTIN, TEX.—Mrs. Olaf Olson, of the Austin Floral Co., is visiting friends in St. Louis, Mo. She will return about July 25.

BOSTON, MASS.—Hoffman, Inc., is the title of a new corporation with Sidney Hoffman and James D. McQuaid as incorporators; capital, \$10,000.

Willowdale Nurseries Big Trees

We offer for the fall trade a select list of shade trees in large sizes, as follows:

40 White Ash, 3-4 inch.....	\$1.25	50 Sugar Maple, 3-4 inch.....	\$3.00
20 " " 4-5 inch.....	1.50	15 Mossy Cup Oak, 3-4 inch.....	2.00
25 White Birch, 4-5 inch.....	1.50	15 " " 4-5 inch.....	2.50
30 " " 5-7 inch.....	3.50	15 " " 5-6 inch.....	4.00
150 Catalpa Speciosa, 3-4 inch.....	1.25	25 Red Oak, 3-4 inch.....	2.00
50 " " 4-5 inch.....	1.50	25 " " 4-5 inch.....	2.50
20 American Elm, 3-4 inch.....	2.00	15 Scarlet Oak, 3-4 inch.....	2.00
250 " " 4-5 inch.....	3.00	25 " " 4-5 inch.....	2.50
50 European Larch, 3-4 inch.....	1.50	500 Carolina Poplar, 3-4 inch.....	1.20
250 American Linden, 3-4 inch.....	1.50	25 " " 4-5 inch.....	2.00
50 " " 4-5 inch.....	3.00	500 Lombardy Poplar, 3-4 inch.....	1.25
600 Norway Maple, 3-4 inch.....	2.00	300 " " 4-5 inch.....	2.00
150 " " 4-5 inch.....	3.50	125 " " 5-6 inch.....	3.00
150 Ash Leaf Maple, 3-4 inch.....	1.50	25 " " 6-8 inch.....	4.00
100 " " 4-5 inch.....	2.00	100 Bolleana Poplar, 4-5 inch.....	2.00
50 Maple Colchicum Rubrum, 3-4 inch.....	2.00	40 Sweet Gum, 3-4 inch.....	2.00
10 " " 4-5 inch.....	3.00	25 " " 4-5 inch.....	3.00
50 " " 5-6 inch.....	4.00	100 Tulip Trees, 3-4 inch.....	1.25
100 Silver Maple, 3-4 inch.....	1.50	10 " " 4-5 inch.....	2.00

Correspondence Solicited.

The Rakestraw-Pyle Company, KENNETT SQUARE, PA.

Peonies and Iris

Catalogue Now Ready.

Peterson Nursery

Stock Exchange Bldg., Chicago, Ill.

Our Guarantee—We will replace with three all plants not proving true to description.

Mention the American Florist when writing

Pot-Grown Strawberry Plants

GROWN AS THEY SHOULD BE GROWN.

THE VAN FLEET HYBRIDS, the best of all strawberries to date.
TWENTY POPULAR VARIETIES, such as Marshall, Wm. Bolt, Success, etc.
The best **EVERBEARING STRAWBERRIES.**

Descriptive Illustrated Catalog (No. 2) mailed free.

I am especially equipped to handle trade orders for Pot-Grown Strawberry Plants, and am in a position to quote very attractive prices.

J. T. LOVETT, Little Silver, N. J.

Mention the American Florist when writing

PEONIES.

Won't it be a good idea to order now? The blooming season is just over; you know what kinds you liked; what varieties you made money on. Get these kinds now while you can. We may have them—we have some good ones. Send for our Peony List. We are booking orders now; we will fill them Sept. 1st.

JACKSON & PERKINS COMPANY, NEWARK, NEW YORK

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President
Daniel R. Comly, Philadelphia, Pa., Vice-President;
S. W. Severance, Louisville, Ky., Secretary;
E. A. Dunbar, Ashtabula, O., Treasurer.

Vegetable Prices Low.

The remarkable growing season has had its effect in lowering vegetable prices at New York, July 14, for example, sales were noted as follows:

Wax beans, 100 sacks, \$2.50.
New potatoes, 3 bush., 75c to \$1.
Copenhagen cabbage, 1c each.
Other early cabbage, 1/2c each.
Black radishes, plowed under, no sale.

At Chicago beets and carrots are selling as low as 20 cents per 100 bunches. Truckers, who last year returned home daily with \$125 for their wagon-load of produce, now consider themselves lucky if they can make the amount \$25.

Prices of Indoor Fruits and Vegetables.

Chicago, July 20.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 25 to 40 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; tomatoes, 4 baskets, 50 to 75 cents.

New York, July 20.—Asparagus, per dozen bunches, 75 cents to \$3.00; cucumbers, 40 cents to 50 cents per dozen; mushrooms, \$1.00 to \$1.50 per 4-pound basket; tomatoes, 10 cents to 15 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crates, 10 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Paper Cups Useful in Tomato Planting.

L. J. Bisbee, of Malverne, L. I., has found a novel use for wax paper drinking-cups after they have been used. He, like many other persons, grows tomatoes in his garden and has discovered that by cutting the bottom out of a drinking cup, slipping the young plant through what is left and planting so that the cup is half buried in the earth, the plant will be safe from cutworms.

Mr. Bisbee says that cutworms attack the tomato vines just at the level of the ground and never come above the surface. The cup acts also as a reservoir, holding moisture in the soil it contains and letting it soak down to the roots without washing out into the surrounding earth.—New York World.

Perfect Greenhouse Tomatoes.

A perfect article would be hard to find in any line, and especially so in a greenhouse tomato. The requirements for a greenhouse tomato are exacting, and therefore, seldom found in any one variety. We will enumerate the several points: Productiveness, which includes easy fruiting; uniformity in size from first to last, which includes moderate dimensions; quality, which means fine meat and firmness for handling; color, which also means uniformity, when ripe from blossom end to stem end. Shape, which must be faultless, free from any cracks or blemishes.

In our search we have tried many, and the nearest approach to our ideal was Bonny Best; yet it lacked size for

our market. Among our plants there was one, however, larger than the rest and perfect in every way. By saving this seed and isolating this lot we have succeeded in building up a strain that is the admiration of all, alike in the greenhouse and on the market. These fruits weigh 1/4 lb. each; are intense scarlet, are perfection themselves in color, shape and uniformity, as a basket full looks like a molded product out of a machine shop. There is no deviation in size from the first fruit to the top of the plant—this, of course, under good culture. Too many varieties run over-size at first and then gradually decrease, until the third or fourth cluster comes worthless. It has always been our idea that it is better to select a small or medium tomato for greenhouse culture and get size by heavy feeding, instead of starting a big variety to get medium fruit. During June and July our tomatoes have retailed readily at 5c per fruit, being so uniform that weighing was unnecessary. We would advise greenhouse growers to try hard to save their own seed from plants that come up to their local requirements. MARKETMAN.

Celery Blight Experiments in Ontario.

Celery blight is probably the worst disease that vegetable growers in Ontario have to fight. It is estimated that \$10,000 worth of celery is a total loss annually to vegetable growers around Toronto alone. Many of the smaller gardeners have gone out of the celery business entirely on this account, and, as a result, their annual returns are considerably lower than when some celery, at least, was grown. For this reason it was thought advisable to carry on some demonstration work in spraying celery to prevent the disease, if possible. A survey of the district around Toronto was taken, and the plots chosen were those which were very badly affected during the seasons of 1912 and 1913. In all cases, practically all the celery grown during these two years was so badly affected that the sale was impossible. Some of these men had been in the practice of trimming the badly affected stocks and putting thirty-six heads in a bundle in which, ordinarily, twelve would be sold. Some growers went so far as to leave the whole diseased crop in the ground, refusing to dig and sell it as there would be no return for labor.

The Middlesex branch of the department of agriculture was approached on the matter of carrying on similar work in the vicinity of London. This work was entrusted to J. W. Noble, assistant representative for the county, and credit is due him for the effi-

cient manner in which the work was looked after in that county. On the whole, if it were not for the hearty co-operation of the individual growers themselves the work would not have attained any results. Each grower did his part of the work faithfully and they had the largest end to do. The following gardens were taken in charge:

	Plants
Charles Dabbs, Mt. Dennis....	75,000
F. F. Reeves, Humber Bay....	10,000
Symes Bros., Mt. Dennis.....	50,000
R. H. Tier, Islington.....	35,000
John Tizzard, Humber Bay....	10,000
Sanderson Bros., Byron.....	25,000
J. J. Davis, Byron.....	25,000
A. McInnes, London East....	125,000

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.

William Swayne, Kennett Square, Pa.

Celery Plants in Flats

Also potted and loose celery plants. Flats of growing celery plants to sell in front of your store; always fresh, never wilted. Varieties: Golden Self Blanching, French seed: Giant Pascal and White Plum.

Potted Strawberry Plants.
Everbearing Strawberry Plants in pots.

WARREN SHINN, Woodbury, N. J.

THE Storrs & Harrison Co.

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CATALOGUES AND PRICE LISTS
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on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co. St., Paul, Minn

Landscape Gardening



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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petonias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per 1/4 oz., \$1.00 per 1/2 oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS

Kentia Forsteriana

Leaves	In. high	Each	Per doz.
6-in. pot.....5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....5 to 6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.....	\$10.00
12-in. cedar tub, 4 plants in tub, 5¾ to 6 ft.....	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy.....	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.....	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread.....	\$2.00

Kentia Belmoreana

Leaves	In. high	Each	Per doz.
2½-in. pot.....4.....	8 to 10.....		\$1.50
4-in. pot.....5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....6 to 7.....	24.....	1.00	12.00
6-in. pot.....6 to 7.....	28 to 36.....	1.50	18.00

Leaves	In. high	Each	Per doz.
9-in. cedar tub.....6 to 7.....	42 to 45.....	\$4.00	\$48.00
9 in. cedar tub.....6 to 7.....	45 to 48, very heavy.....		5.00
9-in. cedar tub.....6 to 7.....	48 to 54, very heavy.....		6.00
9-in. cedar tub.....6 to 7.....	5 ft., very heavy.....		8.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

These men agreed to allow this work to be carried on and also co-operated by supplying the necessary horse and labor and in some cases the machinery. The Ontario department of agriculture furnished the materials, and helped with the work, and saw that it was properly carried out.

The Ontario Agricultural College and the United States department of agriculture have both recommended spraying with Bordeaux mixture as a preventative, to some extent, of the disease known as celery blight. Experiments have been carried on in large and small ways and good results have been reported. Bordeaux mixture and ammoniacal copper carbonate were used on a number of patches and a description of what was used and how, is described, with illustrations, in an article by S. C. Johnson, in the tenth annual report of the Ontario Vegetable Growers' Association, published by the Ontario department of agriculture, Toronto.

Summer Treatment of Greenhouse Soil.

It is a common practice during the idle summer months to apply lime to greenhouse soils. The benefit, if any, derived from this practice depends upon the soil in question, according to Bulletin 281, January, 1915, of the Ohio agricultural experiment station, Wooster.

Soils that contain large amounts of organic matter, such as all greenhouse soils should, require certain amounts of lime for the production of maximum crops. Nitrifying organisms, to do the most effective work, require soil conditions that are not excessively acid. Soils vary widely in their natural lime contents, a sandy soil being more benefited by an application of lime on the average than one of calcareous origin. Especially would one of the latter soils, when retained for a number of years and watered with hard water, not require an additional supply, as sufficient lime could be reasonably supplied from the water. It must also be taken into consideration that plants vary widely as to lime requirements. Lettuce and cucumbers are reported to be benefited by lime, tomatoes are indifferent or slightly injured, while radishes are severely injured by its application.

Ground limestone seems to be preferable to other forms for greenhouse use. It becomes available with comparative rapidity in such soils and the dangers from the use of caustic or hydrated forms are avoided.

Boston Ferns for Planting

	Per 100	Per 1000
Heavy Stock, 2½-inch - - - - -	\$5.00	\$45.00

FORCING ROSES

STRONG, GRAFTED STOCK.

	Per 100	Per 1000
American Beauty, Own Root, 3½-inch - - - - -	\$10.00	\$ 95.00
Killarney, 4-inch - - - - -	12.00	100.00
Killarney Brilliant, 4-inch - - - - -	12.00	110.00
Prince de Arenberg, 4-inch - - - - -	12.00	110.00

VAUGHAN'S SEED STORE

31-33 W. Randolph Street,
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NEW YORK.

Greenhouses, Western Springs, Ill.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

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Chrysanthemum Novelties My Specialty

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

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Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

Alterantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, \$2.50, each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/4-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/4-in., \$3.50 per 100; \$50 per 1,000; 3-in., \$7 per 100; \$65 per 1,000; 4-in., \$12 per 100; \$115 per 1,000. Sprenger and Boston hanging baskets, \$1 to \$3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus plants, from flats, grown from our own greenhouse seed, \$8 per 1,000. B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus nanus, 2 1/4-inch, \$3 per 100; \$25 per 1,000. A. Henderson & Co., 363 River St., Chicago.

Asparagus plumosus, 3-inch, nice bushy plants, \$5 per 100. Cash please. Edgar East-erday, Nokomis, Ill.

Asparagus plumosus, 2-in. pots, \$2 per 100; Sprenger, \$2 per 100; \$17.50 per 1,000. Jos. H. Cuninghame, Delaware, Ohio.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Begonia Glory of Cincinnati 2 1/2-inch ready for 4-inch, \$18 per 100; \$150 per 1,000. Begonia Meior, 2 1/2-in., \$25 per 100. J. A. Peter-son & Sons, McHenry Ave., Westwood, Cin-cinnati, Ohio.

Begonia Gloire de Lorraine, 3-inch, \$18 per 100; \$170 per 1,000. Glory of Cincinnati, 2-inch, \$18 per 100; \$150 per 1,000; 3-inch, \$20 per 100; \$175 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Glory of Cincinnati, 2 1/4-inch, fine plants, \$15 per 100; \$140 per 1,000. Lorraine, \$12 per 100. Chatelaine, 2 1/4-inch, \$5 per 100. Xmas Red, 2 1/4-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Lorraine, 2 1/4-in. pots, \$12 per 100; \$110 per 1,000. Begonia Glory of Cincinnati, 2 1/4-in. pots, \$15 per 100; \$140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonias. Geo. A. Kuhl, Pekin, Ill.

Begonia Gloire de Chatelaine and Pfitzeri Triumph, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, 2 1/4-inch, \$3.50 per 100; 3-inch, \$8; 4-inch, \$15. Poehlmann Bros. Co., Morton Grove, Ill.

BOXWOOD.

Boxwoods, pyramids: 2 1/4 to 3 feet high, \$1.50 each; 4 feet high, \$2.50 each. Standard, 15 inches high, balled, \$2.50 each. Bushes: 15 to 18 inches high, in pots, 50c to 60c each; 24 inches high in tubs, \$1 each; 30 inches high, in tubs, \$1.75 each. H. N. Bruus, 3032 West Madison St., Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

PURITY FREESIA BULBS. Wholesale trade only. We have filled our 1915 contracts and have a few thousand left. If for any reason your growers can't fill your orders, write or wire us. Prices right. SANTA CRUZ FREESIA BULB GROWERS' ASS'N, Santa Cruz, Calif.

Lilium Canadense, Philadelphicum and Superbum in large quantities; also native trees, plants and seeds. L. E. WILLIAMS, Exeter, N. H.

CALLA BULBS, 1 1/4 to 1 1/2-inch, \$30 per 1,000; 1 1/2 to 2-inch, \$50 per 1,000. EMILE SERVEAU, 2112 Fillmore St., San Francisco, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kastig Co., 333-337 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Wool-worth Bldg., New York City.

French bulbs. Prices on application by wire or mail. A. & L. Bremond Freres, Ollioules, Var., France.

Callas, mammoth bulbs, \$12 per 100. E. R. Tauch, Marquette, Mich.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, King Humbert, 3-inch, \$5 per 100; 4-inch, \$7 per 100. Florence Vaughan, 3-inch, \$4 per 100; 4-inch, \$6 per 100. Express, 3-inch, \$5 per 100; 4-inch, \$7 per 100. ERNEST ROBER, Wilmette, Ill.

CANNAS, good varieties, strong plants in 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

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FINE FIELD CARNATIONS.
Strong, clean, bushy plants.

White Enchantress	100	1,000
Pink Enchantress	\$5.00	\$45.00
Rose Pink Enchantress.....	5.00	45.00
White Perfection	5.00	45.00
Washington	5.00	45.00
Bright Spot	5.00	45.00
Beacon	5.00	45.00

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Petersburg,

Illinois

CARNATIONS.

WE HAVE READY NOW FOR IMMEDIATE SHIPMENT FROM THE FIELD 400,000 WELL ESTABLISHED CARNATION PLANTS, INCLUDING THE FOLLOWING VARIETIES: PER 100

WHITE WONDER	\$7.00
WHITE PERFECTION	6.00
WHITE ENCHANTRESS	6.00
PINK ENCHANTRESS	6.00
WINSOR	5.00
PHILADELPHIA	8.00
BEACON (RED)	6.00
COMFORT (SCARLET)	6.00

LIT US QUOTE YOU ON LARGE QUANTITIES. WE GUARANTEE EVERY PLANT THAT WE SEND OUT.

PITTSBURGH CUT FLOWER CO.,
121 7TH ST., PITTSBURGH, PA.

FIELD-GROWN CARNATION PLANTS.

Enchantress Supreme	100	1,000
Champion	\$8.00	\$70.00
Perfection	8.00	70.00
Philadelphia	7.00	65.00
Beacon	7.00	60.00
White Perfection	7.00	60.00
White Wonder	7.00	60.00
Enchantress	6.00	55.00
Mrs. C. W. Ward.....	6.00	55.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

GEORGE PETERS & SONS,
HEMPSTEAD, NEW YORK.

CARNATION PLANTS—HEALTHY STOCK.

Matchless	100	1,000
White Wonder	\$8.00	\$70.00
Perfection	6.00	50.00
Akchurst	5.00	40.00
Enchantress	5.00	40.00
White Enchantress	6.00	50.00
Dark Enchantress	5.00	40.00
Ward	5.00	40.00

EDWARD WOODFALL, Maryland

CARNATIONS, planted in the field early, from 2 1/2 and 3-inch pots, strong, bushy and healthy: 2,000 White Wonder, 1,000 Mrs. Ward, 2,000 Light Pink Enchantress, 500 White Enchantress, 1,000 Beacon, 300 Mrs. Patten, \$5 per 100; \$50 per 1,000. 800 Pollworth White seedling, 2,000 White Perfection, 600 Winsor, 700 Princess Charming, \$4 per 100; \$40 per 1,000. Cash. If not ready to plant, order now and we will reserve. JOSEPH BANCROFT & SON (Inc.), Cedar Falls, Iowa.

CARNATION FIELD PLANTS.

IMMEDIATE DELIVERY.

Extra strong carnation field plants, having from 12 to 20 shoots. Mrs. C. W. Ward, Northport and Commodore, \$6 per 100; \$50 per 1,000. Write for prices on other varieties.

J. D. THOMPSON CARNATION CO.,
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FIELD-GROWN CARNATIONS. — Large, strong, healthy plants: Victory, \$5 per 100; \$40 per 1,000. White Perfection, \$5 per 100; \$40 per 1,000. Also a few Joy, Champion, Afterglow and Rosette at clean-up prices. J. A. BUDLONG, 82-84 East Randolph St., Chicago.

HARDY CARNATIONS, good thrifty plants, \$2.50 per 100. SWEET WILLIAMS, fine mixed, \$1.50 per 100. Cash, please. GEORGE POPP, JR., Fort Recovery, Ohio.

Carnations, field-grown, as long as they last, \$6 per 100; \$55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	\$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Crocusa, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Aglol, variegated	2.00
H. Hicks, brown	2.00
Mrs. Ecu	2.00
Baby Margaret	2.00
Klondyke	2.00

CUT BACK POMPONS.

Diana	\$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Aglol	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.	Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00
October Frost	2.00	15.00
Alice Byron	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
CRIMSON.		
Shrimpton	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Rumapo	2.00	15.00
PINK.		
Amerita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2 1/2-INCH POTS.

	Per 100	Per 1,000
Smith's Advance	\$2.50	\$20.00
October Frost	2.50	20.00
Alice Salomon	4.00	35.00
Alice Byron	2.50	20.00
Chas. Razer	2.50	20.00
Lynwood Hall	2.50	20.00
Shrimpton	2.50	20.00
Golden Salomon	4.00	35.00

J. D. THOMPSON CARNATION CO., JOLIET, ILL.

FROM OUT-DOOR STOCK PLANTS.

\$1 per 100—Immediate delivery—\$9 per 1,000.	
5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonaffon
7000 Yanoma (late white)	5000 Higginbotham, pink
	2000 J. K. Shaw, pink
2000 C. Touset	

MEMPHIS FLORAL CO., MEMPHIS, TENN.

Last call for chrysanthemums, including some of the newer ones. Ask for list. \$3 per 100; \$25 per 1,000. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2 1/2-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Pompon chrysanthemums, good assortment, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayze, Keonett Square, Pa.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2 1/2-inch plants. \$2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COBEA 3-inch, staked, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS.

COLEUS, 2-inch, mixed, \$2 per 100; \$18 per 1,000; 3-inch, \$4 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS, good assortment, 2 1/2-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 4-inch, 35c each; 5-inch, 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandshek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2 1/2-in. pots, \$5 per 100 or \$40 per 1,000. Satisfaction guaranteed. Cash with order, please. J. H. FIESSER, 700-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, Wonder of Wandshek, Glory of Wandshek, dark red, brilliant red, bright red, Buckstone, Excelsior, Prince of Wales, Princess May, Glant White, Rose von Marienthal, 3-in. mixed, \$8 per 100; \$75 per 1,000; 3-inch separate colors, \$9 per 100; \$80 per 1,000; 4-inch mixed, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000. The Geo. Witthold Co., 737 Buckingham Place, Chicago.

Cyclamen giganteum, 3-inch, ready for shift, \$10 per 100; \$90 per 1,000. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Cyclamen Gig., Wandshek type, finest in existence, 2 1/2-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, \$10 per 100; \$90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen, best varieties, 3-inch, \$10 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmons, Newton, N. J.

DRACAENAS, good large bushy plants, 5 and 6-inch pots, \$25 per 100. ELI CROSS, Grand Rapids, Mich.

DRACENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

California's well known, and most beautiful fern, "Five Finger;" strong stock, fronds 5-in. to 14-in., tall, \$40 per 1,000; \$20 per 500; \$7 per 100. Woodwardia ferns same size and same price as "Five Finger." Prompt shipment. Ferns cash. T. E. HOFFMAN, Los Gatos, Calif.

FERNS.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2 1/2-in., \$4 per 100; \$35 per 1,000. Boston, Roosevelt and Springfield, 3-in., \$8 per 100; Boston, 4 in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,

Exclusive Fern Growers, OHIO. SPRINGFIELD.

BOSTON, ROOSEVELT, WHITMANI, SCHOLZELEI.

Dark green—Choice Stock—Low Price. Boston, Roosevelt, Whitmani, Scholzelei, 3-inch, 8c.

Boston, Roosevelt, 4-inch, 12 1/2c. Boston, Whitmani, 6-inch, 45c.

GULLETT & SONS, LINCOLN, ILLINOIS.

ADIANTUM HYBRIDUM, 3-inch, 5c; 2 1/2-inch, 3 1/2c; 4-inch, 10c. Satisfaction or money back. LEY & BRO., Highland, N. Y.

BOSTON FERNS, 6-inch, \$35 per 100; small lots, 40c. Cash. H. W. Allersma, Grand Rapids, Mich.

Ferns in flats, all varieties, \$2 per flat, 20 or more flats, \$1.75 each. McHutchison & Co., 17 Murray St., New York.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, \$1 per doz.; \$7.50 per 100; \$70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Boston ferns, 5-inch, \$3 per doz.; \$25 per 100; 7-inch, 75c each; \$9 per doz.; 8-inch, \$1 each; \$12 per doz. The Geo. Witthold Co., 737 Buckingham Place, Chicago.

Boston Ferns, fine 2 1/2-inch, \$4 per 100; \$35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Boston ferns for planting, heavy stock, 2 1/2-inch, \$5 per 100; \$45 per 1,000. Vaughan's Seed Store, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmons, Newton, N. J.

GERANIUMS.

GERANIUMS, Nutt, Grant, Perkins, Vland, La Favorite, 4-inch, \$7 per 100. Variegated, Nutt, 2 1/2-inch, \$5 per 100. Silver leaf, 2-inch, \$2 per 100. Rose geraniums, 4-inch, \$7 per 100. ERNEST ROBER, Wilmette, Ill.

Geraniums, standard varieties, 3-inch, \$3 per 100; \$25 per 1,000. Booking orders for next season delivery of 2-inch, \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LADY WASHINGTON, good assortment, strong plants for stock, 2 1/2 and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmons, Newton, N. J.

Geraniums, S. A. Nutt, 4-inch, few double pink and Ricard, fine plants in bloom, 8c. Cash. H. W. Allersma, Grand Rapids, Mich.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Prepared magoola leaves, green, brown, red and purple, \$1 per carton. Knud Nielsen, Evergreen, Ala.

Clean Huckleberry Foliage, \$2.50 per crate or bale; terms cash. T. E. Hoffmann, 424 Seneca St., Palo Alto, Calif.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HYDRANGEAS.

Hydrangea Hortensis, Otaksa, 5-inch, 3 in a pot, \$3.60 per doz. French varieties, 5-inch, 3 in a pot, \$4.20 per doz.; Beaute Vendomoise, Bouquet Rose, General de Vibraye, La France, La Lorraine, La Perle, Mme. E. Mouillere, Mlle. Agnes Barillet, Mons. Ghys, Mont Rose, Mous-seline, President Fallieres, President Vigier, Radiant, Ronsard, Souv. du Lieut. Claire. The Geo. Witthold Co., 737 Buckingham Place, Chi-cago.

HYDRANGEAS, Otaksa, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

ENGLISH IVY, 20 to 30 ins. \$3; from pots, 12 to 15 ins., \$4 per 100. CHAS. FROST, Kenil-worth, N. J.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

GERMAN IVY, 2 1/2-inch, strong plants, \$2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

MISCELLANEOUS.

Chrysanthemums, cyclamens, begonias, prim-ulus, cinerarias. Alonzo J. Bryan, Washing-ton, New Jersey.

UMBRELLA plants, strong 3 to 5-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.			
	Leaves.	Inches high.	Each.
4-inch pots,	6 to 7,	18	....\$ 0.40
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	36	.... 3.00
8-inch tubs,	6 to 7,	38	.... 3.50
8-inch tubs,	6 to 7,	48	.... 5.00
8-inch tubs,	6 to 7,	58 to 64....	7.50

KENTIA BELMOREANA.

Made-up plants.			
6-inch pots, 3 plants in a pot,	24 ins....		\$ 1.50
7-inch pots, 3 plants in a pot,	38 ins....		3.50
Specimens, very heavy.....			\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.			
	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	\$ 0.40
6-inch pots,	5 to 6,	28 to 30....	1.00
6-inch pots,	6 to 7,	34 to 36....	1.50
6-inch pots,	6 to 7,	38 to 42....	2.00
6-inch pots,	6 to 7,	44 to 46....	2.25
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
8-inch tubs,	6 to 7,	5 ft.....	6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	10.00

PHOENIX ROEBELENI.

	Each.
4-inch pots, nicely characterized.....	\$ 0.50
7-inch pots, 22 ins. high, 30 to 32-in. spread.....	2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread.....	2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....	\$5.00 to 7.00

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot.....	\$ 1.00
7-inch pots, 3 plants in a pot.....	2.00
8-inch tubs, 5 plants in a tub.....	3.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, \$1 each; \$12 per doz. Phoenix Roebeleni, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, \$7.50 to \$85 each. Julius Roehrs Co., Rutherford, N. J.

PEONIES.

Peonies. We are booking orders now. We will fill them Sept. 1st. See advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

FRENCH PEONIES can be shipped with celerity and security via Bordeaux-New York. Catalogues free. Dessert, PEONY SPECIAL-IST, Chenonceaux (T. & L.), France.

PETUNIAS.

Petunias, White Dorothy, finest white, splen-did for cut for funeral work; 2 1/2-inch, \$8 per 100. A. Henderson & Co., 369 River St., Chicago.

PETUNIAS, double mixed, 2-inch, \$3 per 100; single, 3-inch, \$4 per 100. ERNEST ROBER, Wilmette, Ill.

POINSETTIAS.

POINSETTIA HEADQUARTERS.

True type, all top cuttings, 2 1/2-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$7 per 100. Booked orders in advance for summer delivery. ER-NEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2 1/2-inch pots, plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rose-mont Ave., Price Hill, Cincinnati, Ohio.

Poinsettias, strong 2 1/2-inch, \$6 per 100; \$50 per 1000. Vaughan's Seed Store, Chicago and New York.

Poinsettias, true type, large bract kind, 2 1/2-inch paper pots, \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Witthold Co., 737 Buckingham Place, Chicago.

PRIMULAS.

PRIMULA OBCONICA RONSDORFER HY-BRIDS, grandiflora, separate colors or mixed, 2-inch, 2 1/4 c. Gigantea, 5 separate colors or mixed, 2-inch, 2 1/2 c. Chinensis, separate colors or mixed, 2-inch, 2 1/4 c. Malacoides, lavender, pink and white, 2-inch, 2 1/2 c. Cash. TOLEDO GREENHOUSES, 2839 Chestnut St., Toledo, Ohio.

Primula obconica grandiflora and Gig.; Pri-mula Malacoides, transplanted seedlings ready to pot, \$2 per 100; \$18 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA, Miller's Giant, free flowering fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

Primroses, Chinese, Forbesi, Malacoides, ob-conica alba, rosea, Ruby, \$2 per 100. Obconica Gigantea, \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate ship-ment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch.....	\$4.00	\$35.00
White Killarney, 2-inch.....	4.00	35.00
Killarney Brilliant, 2-inch.....	7.00	60.00

WIETOR BROS.,

162 North Wabash Ave., CHICAGO.

CRAFTED ROSES—VERY FINE.

Killarney, White Killarney, 3-inch.....\$10.00
Killarney Brilliant, 3-inch..... 10.00

BENCH PLANTS.

150 Aaron Ward, grafted, one-year.....\$5.00
650 Milady, grafted, one-year..... 5.00
300 Killarney, grafted, two-year..... 4.50

GULLETT & SONS, LINCOLN, ILLINOIS.

Forcing roses, strong, grafted stock: Killar-ney, 4-inch, strong, \$12 per 100; \$100 per 1,000. Killarney Brilliant, 4-inch, \$12 per 100; \$110 per 1,000. Prince de Arenberg, 4-inch, \$12 per 100; \$110 per 1,000. American Beauty, own root, 3 1/2-inch, \$10 per 100; \$95 per 1,000. Vaughan's Seed Store, Chicago and New York.

ROSES.

Winter flowering roses, 3 1/2 and 4-inch pots. Ophelia, Francis Scott Key, Mme. Edmund Ras-tand and Crimson Queen, \$20 per 100. Mrs. George Shawyer, Killarney Brilliant, Sunburst, Prince D. C. d'Arenberg, Lady Hillingdon, Mrs. Aaron Ward, Killarney Queen, Richmond, White Killarney, \$15 per 100. All of the above are grafted plants, with the exception of Fran-cis Scott Key, Mme. Edmund Rastand and Sun-burst—which are own root stock. F. R. Pierson Co., Tarrytown, N. Y.

Surplus stock of Pink and White Killarney, 2 1/2-inch, at \$30 per 1,000. Mrs. George Shaw-yer, 3-inch, at \$40 per 1,000. L. B. Coddington, Murray Hill, N. J.

Rose plants, grafted and own root. For var-ieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Merton Grave, Ill.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses. Geo. A. Kuhl, Pekin, Ill.

SALVIAS.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fairlery, 2 1/2-inch, \$2 per 100. MEM-PHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, \$2 per 100; \$18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

SEEDS.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Flower seeds: Cyclamen, mignonette, pansy, primula and sweet peas. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangues, carrots, cabbages, celeriac, parsleys, parsnips, turnips. R. & M. Godineau, Angers, France.

The Kenilworth Giant Fanny seeds. For varieties and prices see advertisement else-where in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. West-ern Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Pansy seed, glant, finest mixture, 1 pkt., 5,000 seeds, \$1; 1/2 oz., \$2; oz., \$4. E. B. Jennings, Box 254, Southport, Conn.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Munk-melon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Val-ley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Boigliano & Son, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds, eucalyptus and acaia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvalanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Pansy seed, giant flowering, oz., \$4. Jos. H. Cunningham, Delaware, Ohio.

SMILAX.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Smilax, 200 strong 3-inch plants, \$3 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gandy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

CELERY PLANTS: Golden Self-Blanching (French strain), Giant Pascal, White Plume and Winter Queen, fine plants, ready for field, \$1.50 per 1,000; \$1 in 10,000 lots. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VERBENAS.

VERBENAS, transplanted, \$1 per 100; \$3 per 1,000; 2 1/2-inch, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, \$10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Variegata, 2 1/2-inch, \$3; 3-inch, \$6; 4-in., \$12 per 100. A. Henderson & Co., 369 River St., Chicago.

VINCA VINES, green and variegated, good strong vines, 3 and 4-inch pots, \$8 per 100. ELI CROSS, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

Violets, Marie Louise, double, strong plants, \$2 per 100; \$15 per 1,000. F. R. Snyder, Rhinebeck, N. Y.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass, Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Meringer Co., 302 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2842 Sheffield Ave., Chicago.

Greenhouse construction. Estimate on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Choice red cypress greenhouse material and tanks. Write for our prices. Alfred Struck & Co., Inc., 571 Garden St., Louisville, Ky.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scoline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphids, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Pmk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Rafia imported by us direct from Madagascar, West Africa. Regular, 10 lbs., 17c per lb.; 25 lbs., 15c per lb.; 100 lbs., 12 1/2c per lb.; bale, 10 1/4c per lb. Florists' Special, 10 lbs., 19c per lb.; 25 lbs., 17c per lb.; 100 lbs., 13 1/2c per lb.; bale, 11 1/2c per lb. Vaughan's Seed Store, Chicago and New York.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Hammond's Greenhouse White Paint and Twemlow's Old English Liquid Putty. Hammond's Paint & Slug Shot Works, Beacon, N. Y.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Galvanized Wire Stakes, 3 ft., No. 9 wire, \$6.40 per 1,000; 3 1/2 ft., No. 9 wire, \$7.50; 4 ft., No. 9 wire, \$8.50; 5 ft., No. 8 wire, \$12.85; 6 ft., No. 8 wire, \$15.50. The W. W. Barnard Co., 231-233 W. Madison St., Chicago.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hillfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stema, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames. Eagle Wire Works, 2333 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ACTUAL RESULTS == NOT PROMISES

Kroeschell Replaces Cast Iron Boilers.

The range of C. Peterson & Son, at Escanaba, Mich., was formerly heated by cast iron boilers. Last season this firm installed their first Kroeschell, a No. 6, which is now heating 13,000 to 14,000 sq. ft. of glass. They state that they fire these boilers three to four times during the night in zero weather. Under date of June 28, 1913, they write as follows:
 "The Kroeschell Boiler has given better satisfaction than any other boiler we have ever had. For years we have fired many different boilers, and really never could get one that we might say was entirely satisfactory—there was always something wrong—but now, since we have tried the Kroeschell, we have solved our boiler problem. We have a (—) cast iron sectional boiler here, only used two years, and we wish we could get rid of it and put in another Kroeschell in its place."
 (Signed) C. PETERSON & SON, Escanaba, Mich., June 28, 1913.

Kroeschell Replaces Four Cast Iron Boilers.

Previous to 1909, Mr. Schultz, of Menominee, Mich., heated his entire plant with cast iron boilers. It had been claimed that cast iron boilers are superior to the Kroeschell. Mr. Schultz is now heating 18,000 sq. ft. of glass with the Kroeschell which was installed in 1909, and they are required to fire same only twice a night. The following letter speaks for itself:
 "We do not have the least trouble to maintain about 60 degrees in the coldest weather. Your Kroeschell Boiler is the best I ever had. Before I heard about your boiler I had four cast iron boilers, and I would not part with the Kroeschell for a hundred cast iron boilers now."
 (Signed) CHARLES SCHULTZ,
 July 21, 1913, Menominee, Mich.

Kroeschell Bros. Co., Buy Direct—Factory to user prices. **452 W. Erie St., Chicago, Ill.**

Kansas City.

BUSINESS VERY SATISFACTORY.

The stock on the market has been very fine and quite plentiful, especially gladioli, which took the lead both in shipped and local stock. Roses were good, but not so plentiful, lilies are very fine for this time of the year, and there are a few carnations and dahlias on the market.

NOTES.

The last reminder for the Kansas City Florists' Club picnic. All nurserymen, seedsmen, gardeners and florists, come out and enjoy yourselves. This invitation is extended to all persons in the business under the four different branches from coast to coast. The club would like to show outsiders what a good time you can have in Kansas City. A number of prizes, among them one diamond stick pin, donated by Sam Seligman, with Wertheimer Bros., New York; a wicker lunch basket, by the Burlington Wicker Ware Co.; 10 florists' knives presented by Vaughan's Seed Store, Chicago and New York; a three foot reed porch box and stand given by A. L. Randall Co., of Chicago, Ill.; ten dollars in cash, donated by M. Rice Co., of Philadelphia, Pa.; a fancy bird cage, given by H. Bayersdorfer & Co., of Philadelphia, Pa., and 50 feet of hose by the Revere Rubber Co., Boston, Mass. Date of picnic, July 28, 1915.

We regret to hear of the death of R. J. Groves, of Atchison, Kansas, who was 85 years old, and was the oldest florist operating a greenhouse in Kansas, which covered a period of about 50 years. The trade sends their deepest sympathy.

The hail last week did considerable damage to some of the florists near Independence. H. Worden, who is near the Blue Ridge boulevard, reports that the hail broke nearly all of his glass, and did damage to the plants outside. The Sunny Slope Flower Farm lost 1,000 feet of glass and the outside plants were badly damaged. Some of the hail stones measured one inch in diameter.

H. Kusick & Co. report that business is good for this time of the year. They are handling quantities of gladioli, which are very fine. They are still getting some good carnations from Colorado and a few locally. Roses are better and lilies are very fine and plentiful. Supplies are going well, especially in wire work.

W. J. Barnes has had the best week he ever had for this time of the year, especially in funeral work, which has been very heavy and says it is remarkable how business keeps up. His ferns are all well potted up and the best he has ever grown.

M. E. Chandler is cutting some very

Free

This Fine

BUDDING KNIFE



With 2 New
Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing

fine gladioli which are selling fast. He reports they are the best he has ever had and he makes a speciality of them. His dahlias are also starting to bloom.

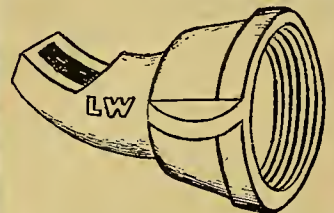
Chas. Biederman & Son report a very good business, they having plenty of funeral work. Bedding plants are still selling with them.

J. Austin has his chrysanthemums planted. He is cutting some very fine snapdragons.

Wm. L. Rock Flower Co. has carnations planted at the greenhouses.

E. J. B.

ROSE NOZZLE



THIS is the famous
Garland Little
Wonder Spraying
Nozzle—absolutely
the best for spraying
underneath foliage
to keep down
insects.

The regular price is 35c cash, and many of the largest growers order them in large quantities.

Just to get acquainted, we will send one free to every grower who sends a request for one with 3c in stamps to cover postage.

Everything in greenhouse construction and equipment.

Garland Manufacturing Company

Makers of the Famous
Garland Cast Iron Gutter

Des Plaines
Illinois

Mention the American Florist when writing



Are You Getting a Uniform Temperature in Your Growing Houses?

Morehead Back-to-Boiler SYSTEM

I don't know how I could get along without it—

Mr. Kranz of Kranz Floral Co., Ottumwa, Iowa.

THERE'S A WHOLE LOT OF SCIENCE to the proper raising of flowers.

Ability to do it properly doesn't come in a day—it takes many years.

But even the shrewdest veteran finds help in the convenience and economy of the "Morehead" system.

He knows that with it installed in his plant, he can always be sure of easily controlled, uniform temperature in ALL of his growing houses—

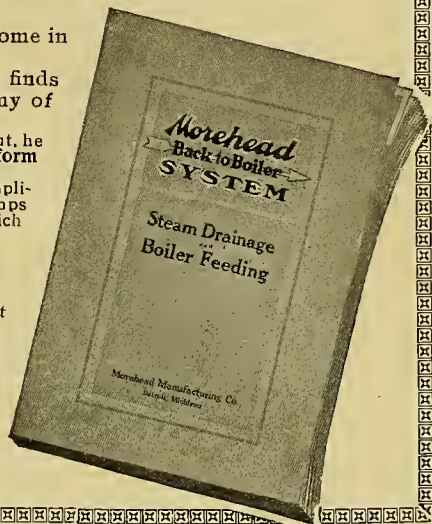
—that he will be forever free from the complications and never-ending bother of steam pumps —that he will have a dry, cheerful place in which to work.

The Experience of Hundreds of Florists

all over America is your guide when you put in the "Morehead" System.

Write today for copies of letters from enthusiastic users—for actual data as to saving in time and fuel.

Also ask for the Morehead "Back-to-Boiler" Book,



Morehead Mfg. Co.

DETROIT, Mich. Dept. "N"

343

Omaha.

WET WEATHER RETARDS OUTDOOR WORK.

Business so far is far ahead of last year. We have had miserable weather for the last month or so, rain and rain again, and plenty of it. The rain has delayed planting by fully four weeks, and it is impossible to do any kind of work out of doors. However, it makes gladiolus and other outdoor flowers bloom and this stock sells well with us. Carnations in the field never looked better; in fact, I never have seen carnations look so fine. Peonies, which suffered greatly from the hot and dry weather of the past few years, have been greatly benefited by the present cool moist season.

Morgan-Shawler Co. sold their fixtures to L. Henderson, who had to move from his present location to Eighteenth and Douglas streets in the Hotel Fontennell. A new building is being erected at Mr. Henderson's old stand, to which he will return on completion of the new structure.

J. J. Hess and wife will leave for the San Francisco convention July 26, as they desire to spend some time on the coast.

The florists' club will have a picnic inside of four weeks. The date has not yet been set.

F. Stuppy and wife, of St. Joseph, Mo., were recent visitors. GRIPPE.

ATLANTA, GA.—The Atlanta Floral Co. is offering settlement on a 60 per cent basis, payable in 90 days.

ST. PAUL, MINN.—A petition in voluntary bankruptcy, filed June 13 with the clerk of the United States district court by Frank Gustafson, doing business as the St. Paul Floral Co. at Dale street and Como avenue, shows liabilities of \$4,099.53. The assets are listed \$2,692.42, of which \$351 is claimed to be exempt.



The Net Returns From Your Greenhouses Is What Counts

You want to watch the initial cost, the grade and the workmanship of the material, the construction and convenience of the houses, to attain the best results. Write us for sketches and estimates. We can be of service to you.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material. Greenhouse Hardware, Hotbed Sash.



Florists' Pliers "Red Devil" No. 622--4-inch

A little drop-forged steel tool that is far superior to shears for cutting bouquet wires or any fine wire. Hand-honed cutting edges; scientifically shaped handles fit the hand and make the tool work more easily. Fits vest pocket. 60 cents at your dealers or postpaid from us. Write for "Red Devil" booklet.

SMITH & HEMENWAY CO., Inc.

170 CHAMBERS STREET,

NEW YORK CITY.

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.

518 Milwaukee Ave., Chicago, Ill.

Boilers OF HIGH GRADE....

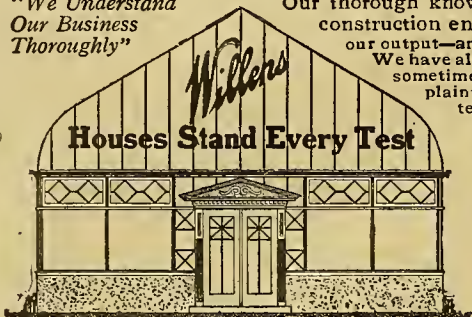
For GREENHOUSES

See Our Catalogue.

Steam and Hot Water GIBLIN & CO., Utica, N. Y.

Save 10% to 20% on Greenhouses

"We Understand Our Business Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

What They Say :

Willens Construction Co., Chicago, Ill.
Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.
I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.
Yours very truly,
L. Buckendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue

LONG DISTANCE TELEPHONES:
HARRISON.7073 - LAWNOALE 757

Chicago, Illinois

Cincinnati.

MARKET IS BADLY OVERLOADED.

Business is very slow. The market is overloaded with stock, and the weak summer demand is only able to take up a part of the offerings. Both lilies and gladioli are in a glut. The receipts of each are very heavy, but only a small part sell at the low prices that prevail. The rose market, too, is crowded; no reasonable offer is ever refused, and still it is impossible to clean up. Most of the offerings in roses and American Beauties are of a very good quality. A few good carnations are still coming into the wholesale houses. Asters are becoming very plentiful, and the quality of the blooms offered up to this time is very good, when you consider that they are the early varieties.

NOTES.

E. G. Gillett and C. J. Ohmer's trip to Dayton and Springfield last week in Mr. Ohmer's "Chalmers Six" was a very pleasant one. Their respective wives and Master Jim Ohmer accompanied them.

The first of the season's gladioli from P. O. Coblentz, New Madison, O., came to C. E. Critchell's during the past fortnight. These gladioli have generally been about the best in the market.

At a meeting of the board of directors of the Cincinnati Florists' Society at Max Rudolph's it was decided not to hold the usual August meeting of the society.

Chas. Dudley, Jr., and R. T. Virgin of Parkersburg, W. Va., passed through this city recently on a canoe trip down the Ohio river.

Arthur Becker, of the Avondale Floral Co., left July 17 for an extended trip to the Pacific coast.

Gus Adrian and wife plan to leave for their new cottage at the Chenaux July 24.

Visitors: Mrs. Wm. Gerlack, Jr., Piqua, O.; J. F. Keller, Lexington, Ky. H.

Providence, R. I.

There is hardly demand enough to use the supply of flowers offered to the trade, and sales are not numerous enough to keep the wholesaler and retailer busy. The gladiolus is the popular flower of the day. Sweet peas are still coming good and will be still better later on. Asters are still abundant. Many of the rose growers are now drying out the houses and in con-

GREENHOUSE LUMBER

LOCKLAND LUMBER CO., Lockland, O.

1866-1915

"ALL-HEART" CYPRESS WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.
SQUARE RED CEDAR POSTS.

S-M-A-S-H-E-D PRICES.

Greenhouse equipment and building material prices cut in two. We take over complete industrial plants and enormous stocks, in single cash transactions, at receivers' and liquidators' sales. That's why we're known the world over as THE GREAT PRICE WRECKERS.

- KB-47 Complete set of 17 pieces steam fitters' tools, high grade, brand new.....\$15.00
 - MD-40 Hand breast drills for drilling sprinkler pipe, complete with set of drills, (used)..... 10.00
 - MD-43 Direct-connected 1½ and 3 H. P. gasoline engines to Douglas pumps.
600 gallons per hour..... 47.50
2:00 gallons per hour..... 92.50
 - BO-45 Greenhouse boilers, all sizes, 50% off.
 - MW-42 Hose, plain or wire wound for irrigation purposes, any length (used.)
 - MW-41 Rubber lined cotton irrigation hose, 2¼-inch, per foot, 8c.
 - SM "I" beams, 35-lb., 50-lb., 65-lb., per ton, \$17.00
 - EG Storage tanks of all kinds, 20 per cent off.
- Our Big Price-Smashing Catalogue No. F 173 is full of money-saving values of all kinds. It will save you money on anything you need. A post card is all it costs.

CHICAGO HOUSE WRECKING CO.,
W. 35th and Iron Sts., Chicago, Ill.

sequence are not cutting as freely as formerly.

NOTES.

The window display of Macnair's is now working in good shape and never made a better showing than now. The waterfalls in the back of the scene have a drop of seven feet and the water coming over the top at a rate of a ton of water a minute, makes a roar and plunges at least a foot higher than at the end of the drop.

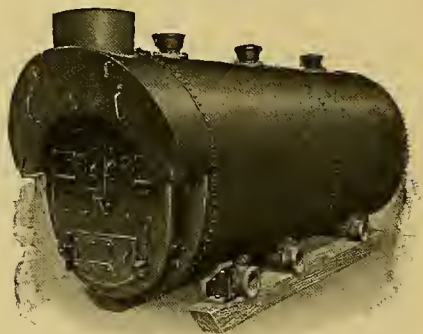
The flower show of the Greystone Horticultural Society has been postponed a couple of weeks on account of weather conditions.

Frey Brothers are building a new house 30x80 feet.

Charles Hunt has a new motor car.
H. A. T.

"SUPERIOR" INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO

Mention the American Florist when writing.

Trade Directory

PRICE, \$3.00,
POSTPAID.

AMERICAN FLORIST CO.
440 S. Dearborn Street,
CHICAGO.

HAMMOND'S GREENHOUSE WHITE PAINT AND TWEMLOW'S OLD ENGLISH LIQUID PUTTY.



WHAT ONE MAN SAYS FROM EXPERIENCE:

RODMAN M. EISENHART, Florist, Torresdale, Pa.
Violets a Specialty. Telephone Connection.

Philadelphia, Pa., May 1st, 1915.

Mr. Hammond's Paint Works:

I have been using your Paint (GREENHOUSE WHITE) and TWEMLOW'S GLAZING PUTTY for the last fifteen years, and both have given me entire satisfaction, especially the Glazing Putty, which when properly put on, makes a house rainproof and almost air-tight.

Respectfully yours, R. M. EISENHART.

Slug Shot, Grape Dust and Thrip Juice Used and Sold All Over America.

Hammond's Paint and Slug Shot Works, Beacon, N. Y.

Albany, N. Y.

At a special meeting of the Albany Florists' Club, held on the evening of July 8, the members voted to hold a clambake August 21 at the grove of Henkes Brothers, Newtonville. Tickets will be \$2 each for the men and \$1.50 for the women.

Plans have been filed with the bureau of buildings in Schenectady for remodeling and enlarging the Schenectady Flower Shop of Julius Eger, 735 State street. Tiled floors will be laid in the salesroom, steel ceilings installed and lattice work erected. A new front of latest type with up-to-date lighting fixtures will be a feature. New show cases, ice box and other equipment will be added. In the rear of the property, a brick addition, 30x36 feet, will be built. When completed the store will be 30 feet by 74 feet with 2,200 square feet of sales' space. R. D.

GRAND RAPIDS, MICH.—Extensive improvements are being made at the Wealthy Street Floral Co.'s greenhouses.

SAN FRANCISCO, CALIF.—The Motroni Art Floral Co. is the name of a new flower shop, at 1806 Fillmore street. Mr. Motroni formerly conducted a shop at Washington and Fillmore streets.

EVERY business method of our concern is in some manner a benefit to our many customers



First, we would explain that we have only one price, which is reasonable and is extended to each and every customer. This avoids all confusions. Your neighbor florists all buy at exactly the same price.

Second, we have only one quality, which is the best. You always get a dollar-for-dollar value when dealing with us, and it is impossible to make a mistake in letting us have your business.

Third, we guarantee entire satisfaction in every respect.

Better write for one of our new catalogues today. It contains forty pages of illustrations and descriptions of things made just for you. It is a handy ready-reference book, as it contains net prices and everything you want to know about certain fittings or parts. We mail them free on request.

ADVANCE CO., RICHMOND, IND.

LIQUID = "NICO-FUME" = PAPER

40% Nicotine.
 8-lb. can.....\$10.50
 4-lb. can..... 5.50
 1-lb. can..... 1.50
 ¼-lb. can..... .50

288 sheet can.....\$7.50
 144 sheet can..... 4.00
 24 sheet can..... .85

THRIPS, = APHIS

SPRAYING — VAPORIZING — FUMIGATING

Your Dealer has these Prices

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.

NICOTINE 40%
 GUARANTEED BY
The GRASSELLI CHEMICAL CO.
 CLEVELAND NEWYORK CINCINNATI
 CHICAGO MILWAUKEE ST. PAUL
 ST. LOUIS
 WRITE FOR PRICES

Mention the American Florist when writing

Garden Ants Do Little Harm.

An unusual number of complaints have been received this year by the United States department of agriculture from persons who say that ants are injuring their lawns and gardens. As a matter of fact, these ants do little harm and the injury that is attributed to them is usually caused by something else. In large numbers, however, the small conical nests which they build on lawns are somewhat unsightly and on this account it may be desirable to destroy them.

Where there is only a small area to be covered the simplest method is to drench the nests with boiling water or spray the lawn with kerosene emulsion or a very strong soap wash prepared by dissolving any common laundry soap in water at the rate of 1 pound or ½ pound to a gallon of water. Such methods are particularly well adapted to small lawns.

For larger ant colonies bisulphide of carbon, which can be purchased at any drug store, will be found effective. This substance can be placed in the nest by means of an oil can or small syringe. An oil can with a long spout is a convenient instrument as it can be inserted into the nests and the liquid injected without its being brought close to the operator's nose, for the fumes of bisulphide of carbon, although not poisonous, are nauseating. After the bisulphide of carbon has been injected, the opening should be closed by pressure of the foot.

Except for the unsightly appearance of their nests, however, the lawn ants do no appreciable harm. They are frequently noted on roses and on other ornamental and garden plants, and it is naturally supposed that they are doing harm to these. As a matter of fact, it is not the plants that attract the ants, but plant lice. These tiny creatures excrete a sweet liquid of which ants are very fond and which they collect without injuring the plant lice. On the other hand, it is quite possible that by bringing up from the lower depths sand and earth, they may distinctly increase fertility by forming a top dressing or soil mulch, and at the same time permit better aeration of the earth.

SPRINGFIELD, N. J. — Considerable damage to glass at the range of the Springfield Floral Co. was caused by an explosion in a nearby quarry.

Clay's The World Power **in the Soil.**
 TRADE MARK
 EVERY GENUINE
 TIN HAS A SEAL
 WHICH THIS
 TRADE MARK

THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND.



NIKOTEEN For Spraying

APHIS PUNK for Fumigating

Ask Your Dealer for It.

NICOTINE MFG. CO., ST. LOUIS, MO.

WIZARD BRAND MANURES

Unequaled for greenhouse and landscape fertilizing.

THE PULVERIZED MANURE COMPANY
 32 UNION STOCK YARDS, CHICAGO

Mention the American Florist when writing

Dreer's Peerless Glazing Points
 For Greenhouses

FULL SIZE NO 2

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
 714 Chestnut Street,
 Philadelphia.

Mention the American Florist when writing

Aphine
 The Insecticide that kills plant lice of every species.

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
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An infallible aphy remedy for rose mildew, carnation and chrysanthemum rust.
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A soil sterilizer for cut, eel, wire and angle worms.
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Incorporated 1904

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FOR A CENTURY AND A HALF.

AND RED EARTHENWARE SPECIALTIES.

WORLD'S LARGEST
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1000 Ready Packed Crates

Standard Flower Pots
and Bulb Pans

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PANS

HARLEY POTTERY CO.,
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Couplings furnished.

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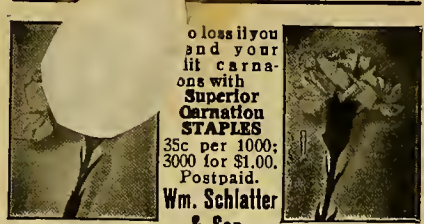
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National Florists' Board of Trade
56 PINE ST. NEW YORK



Wm. Schlatter & Son, Springfield, Mass.

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I. L. PILLSBURY Galesburg, Ill.

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GREENHOUSES

Write for Bulletin No. 47 and you will see why.

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The Florists' Hall Association has paid 2000 losses amounting to a total of \$282,000.00 For full particulars address

JOHN G. ESLER, Saddle River, N. J.

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LOUIS P. DANCIG, Prop. Manufacturers Florist Wire Designs, Wire Hanging Baskets and Fancy Wire Lamp Shades. Tel. Tri-State North 266. 228 13th Ave., N. E. MINNEAPOLIS, MINN.

THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas"

Vol. XLV.

CHICAGO AND NEW YORK, JULY 31, 1915.

No. 1417

THE AMERICAN FLORIST

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Next annual convention at San Francisco, Calif.,
August 17-19, 1915.

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St. Louis, Mo., 1916. S. J. GODDARD, Framing-
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delphia, Pa., 1916. S. S. PENNOCK, Philadelphia,
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Annual convention and exhibition at Bar Har-
bor, Me., June, 1916. WILLIAM GRAY, Newport,
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Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at
Minneapolis, Minn., August 24-27, 1915. THOS.
WALLIS, Chicago, President; BELLETT LAWSON,
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Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition, New
York, June, 1916. B. H. FAHR, Reading, Pa.,
President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif.,
August 18, 1915. GUSTAVE X. AMRHYN, New
Haven, Conn., President; ROLAND COTERILL,
Seattle, Wash., Secretary-Treasurer.

SUGGESTIONS FOR PLANT GROWERS.

Hydrangeas.

The young stock that was propa-
gated this spring can be grown either
for Easter blooming with a single stem
or for summer blooming with three or
four heads. The plants should be now
potted in 4-inch pots and plunged in a
frame, where they will receive atten-
tion. They should have a good rich
soil and a strong, sturdy growth en-
couraged. For those that are to be
bloomed early, as soon as the pot be-
comes full of roots a little liquid
manure will help the formation of a
good strong bud. Those that are
wanted for summer blooming, the tip
can be rubbed out and branches will
form. Leave the plants outside until
the first light frost, which will harden
off the wood, and they can then be
stored in a cool house or pit where
they will not freeze. Those wanted for
Easter will have to be placed in heat
by the first of the year.

Begonia Gloire de Lorraine.

The early rooted Begonia Gloire de
Lorraine will now need shifting into
3½-inch pots, and should be given a
little stronger soil than the young
stock was potted in, but the manure
used should be well rotted, and, where
obtainable, a generous addition of leaf-
mold. As the plants grow, space them
out so that they will not become drawn
and so that there is a good circulation
of air around each plant. They will
need a little shade on the glass for a
few weeks, yet, but it should not be
too heavy. As the nights become cool
it is well to close the frames down if
they are outside, or if in the green-
house, close the ventilators, leaving a
small crack of air on, or the house will
sweat, which is not at all beneficial to
begonias, as it is very apt to cause
spot on the leaf. If this occurs remove
the leaf at once. Care should be taken
in the watering not to wet the foliage
any more than possible. The later
rooted stock will not need potting up
until later, but all the growth possible
should be obtained by giving them the

best of attention. If the grower has
not stock enough on hand, now is the
time to purchase before the plants are
shifted into large pots, when the price
will be higher and the transportation
charges increased.

Pyrethrums.

An early summer flower that is very
showy and beautiful, ranging in colors
from white to the deepest scarlet,
with all the intermediate shades, is
the Pyrethrum roseum, and it is being
much more grown every year for cut-
flower purposes. The best flowers are
to be obtained by buying named varie-
ties, but good selected seed will give
fair satisfaction and many handsome
flowers. The greatest trouble in grow-
ing these plants in the north is the
danger of winter killing and crown rot
during extremely wet spells in hot
weather. Seed sown during July and
August and wintered in houses or cold
frames will produce plants that will
flower next summer. Obtain the best
seed possible and sow in flats and as
soon as large enough pot in 2½-inch
pots. These can be grown on in a
frame until cold weather comes on,
when they can be securely covered or
carried into a cool house and wintered
under a bench, started in March and
planted out as soon as secure from
frost, and will flower in June and July.

Paper White Narcissi.

The Paper White narcissi are now
being received and as soon as deliv-
ered should be unpacked and spread
out in flats or on shelves in a cool, dry
place. If they remain in the original
cases, they are apt to become moist
or heated when packed closely. They
should be handled carefully and not
thrown around so that they become
bruised or the outer covering torn off.
This covering is a great protection for
the bulb, preventing it from drying.
Plan how the bulbs are to be flowered,
that is, how many are to be brought
forward each week, and start at once
to box up the first lot and then con-

tinue the plantings at the desired intervals. The flats or boxes should be prepared at once, not only for these, but for the other bulbs. It is the general custom to use any old box that can be obtained, and they are, therefore, of different sizes and different depths. They do not pack closely when placed outside, neither do they seem to fit on the bench in an economical manner. Our experience has been rather than to buy a mixed lot of boxes of different sizes, it is better and cheaper to purchase stock at the lumber mill and saw it into the proper length. Get one-half-inch stock, three inches wide, for the sides and bottom and one-inch stock the same width for the ends. Saw the ends 12 inches long and the sides 24 inches. This will make a flat 13x24 inches by using four pieces for the bottom and will allow proper drainage. A flat of these dimensions will hold about 50 Paper White narcissi or 60 to 70 tulips, and will cost but little more in the price of the box and can be made with much less labor, and when the boxes are all of one size they can be placed upon the benches with much saving of room. As soon as the bulbs are planted in the flats they should be placed in a dark, cool place and covered with soil or ashes until rooted, when they can be brought into the houses. The early planted bulbs will require good heat to bloom them successfully, much warmer temperature than the later planted bulbs.

Sweet Scented Geraniums.

The grower who has a stock of rose or other sweet-scented geraniums can turn them to good account by planting them in a bench in the greenhouse and can obtain some fine sprays for winter cutting. The green is very much appreciated by the best trade and there is always a demand in the stores catering to that class for more of this than can be obtained. The sprays are cut 12 to 14 inches long and are used in the boxes of cut flowers. There is also a demand for the leaves, to be placed in the finger-bowls at luncheons. It is easily grown in a cool house and very rapidly makes long sprays fit to cut. The plants can be set about eight inches apart, which will give them plenty of room, provided the sprays are cut as soon as they are long enough for use.

A Charming Autumn Crocus.

When at Kew at few days ago we were very charmed with a small bed of *Crocus longiflorum* situated by the rose pergola. Although the circular bed was barely 2 feet in diameter, there must have been well over a hundred of the beautiful lilac blue flowers. Each of these has a vivid orange stigma, which adds not a little to its attractiveness. This charming November crocus is a native of Southern Italy, and deserves to be cultivated wherever a sunny spot can be devoted to it.—London Garden.

ALDEN, N. Y.—Following dissolution of partnership, J. B. Miller will hereafter conduct the business formerly known under the firm name of Miller & Stroh.

NEWTON, KAN.—Fire of an unknown origin, but which is thought to have originated from crossed electric light wires, consumed the boiler room and potting shed and partially destroyed the greenhouses of B. Guenther, July 21. No insurance. Rebuilding will commence at once.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Sidney Hoffman Creditors Choose Trustee.

Representing 72 claims aggregating \$32,000, Alexander I. Stoneman was elected trustee in the case of Sidney Hoffman, florist, Boston, Mass., in the first meeting of creditors before Referee in Bankruptcy Gibbs, July 16. Mr. Stoneman also served as receiver. His bond was fixed at \$4,900.

Those Summer Windows.

The windows of the florists these days are a little funny and a little pathetic.

They are trying to bring the country to town and box it up behind plate glass.

They have discarded all the hot-house varieties and returned to the simple daisy of the field.

There are black-eyed susans and the white and yellow kind which tell so plainly whether "she loves you or loves you not" when you pull off the petals.

These are not arranged with loops of ribbon or bows of tulle, but are accompanied by little china birds in ponds in tin pans, and rustic baskets.

One window is a grotto, covered

with moss, with real birds (in cages) in it.

So, you see, we are not fooled at all and look with somewhat jaded eyes at these denizens of the hedgerows.

We would let every birdling fly and every daisy return where the breezes would play through its long, slender stems and the dew of night bathe its thirsty little face with freshness.

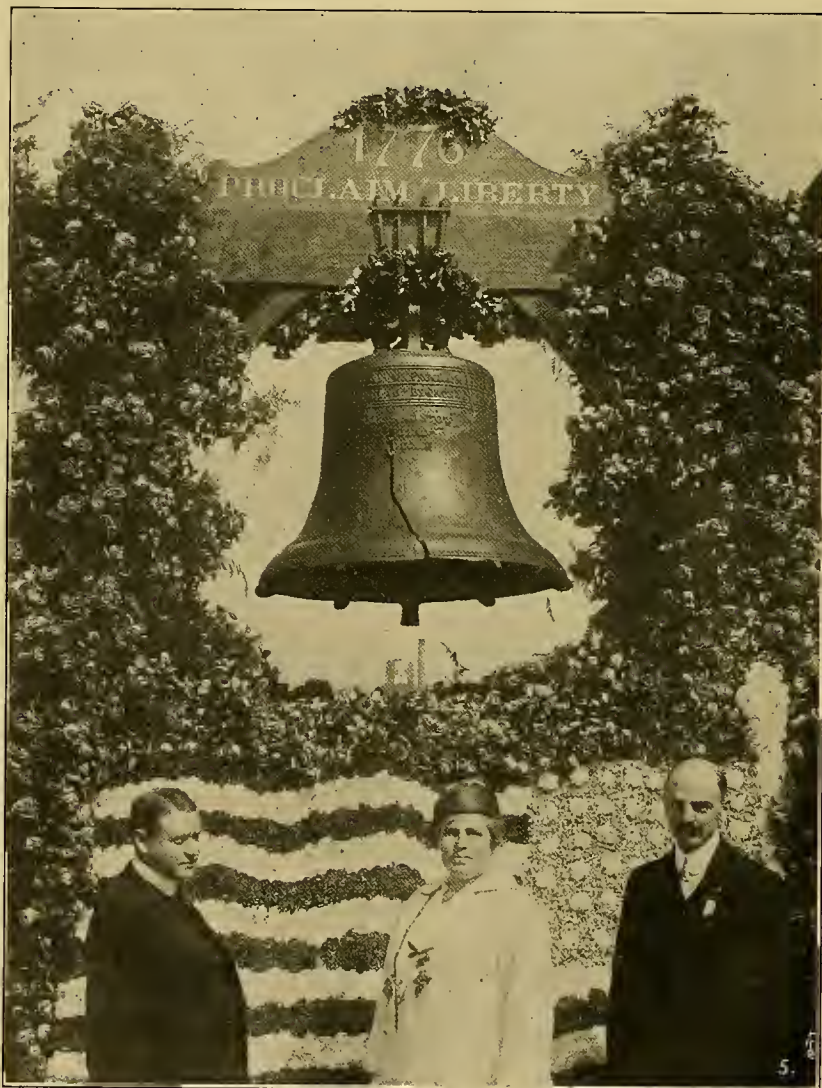
We would have no one touch it but a barefooted child as it pattered over the cool, damp earth of the road.

We would have no birds languishing in "grottoes" when God has given unto them the earth, the sky and all that is therein for their own.

We want no playthings in the shape of china birds and tin pan ponds—only babies in the kindergarten want these—and our babies should be out in the green places paddling their feet in real ponds, catching fish (or thinking they do) with a bent pin.

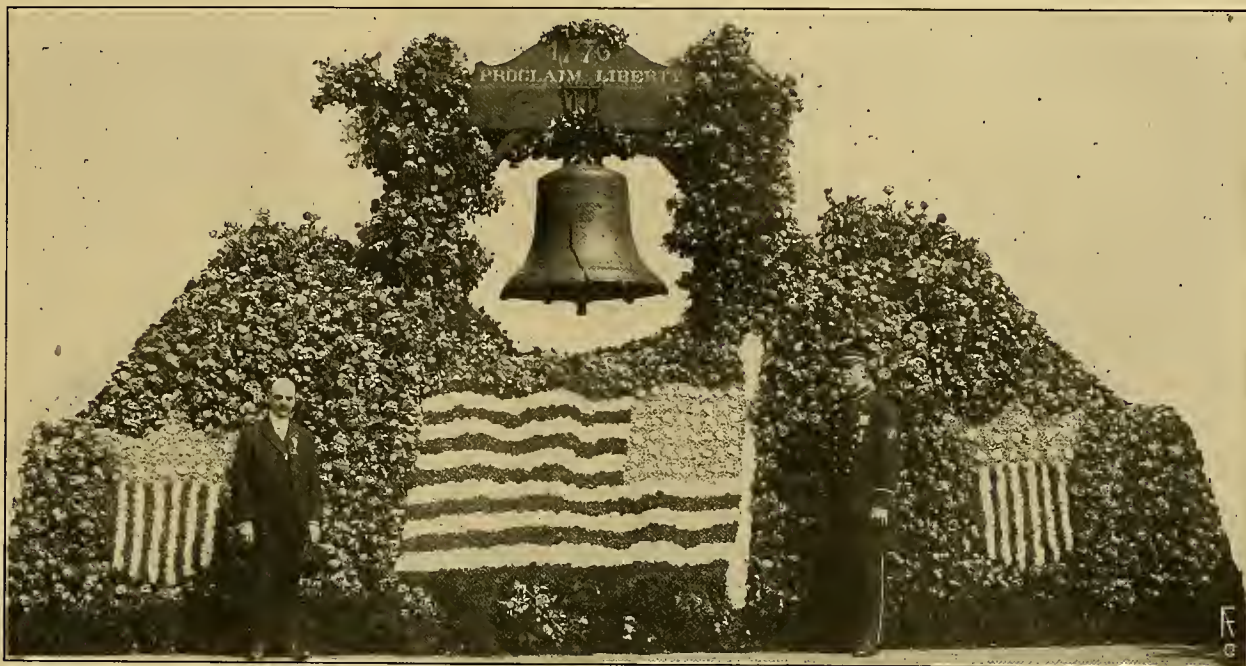
We do not criticise these windows; they are pretty in their way, but it is the prettiness of a dressed up child, dancing on the stage.

We want to take it away; carry it safely in our arms and set it down in a sweet smelling meadow where little lambs and calves are frisking about in their new found joy of living—*Detroit Times.*



LIBERTY BELL DECORATION AT SAN FRANCISCO, CALIF.

Angelo J. Rossi, of Pelicano, Rossi & Co., at the right.



LIBERTY BELL DECORATION AT SAN FRANCISCO, CALIF.

Angelo J. Rossi, of Pelicano, Rossi & Co., at the left. (See Text).

Telephoned Orders.

A great deal of business now comes to the shop over the telephone. Many things are forgotten until the last minute, then a hurry-up call is made by 'phone and the order given to be filled at once. Extreme cold or otherwise inclement weather keeps customers indoors and recourse is made to the 'phone, which should be always found in good receiving order. All unnecessary calls from the store end should be barred, as to be reported "busy" to an impatient person is often the loss of an order. Whether the trade be large or of medium size, there should be sufficient service. Many a shop gets along on one telephone when they should have two. After the first is installed the second costs only about one-third more, and if there is use for it at all, it is very well worth the extra cost.

The telephone brings out human nature to a degree. Many persons would not address or speak to another as they do over the 'phone if they were face to face over the counter. The oftentimes coarse "hello" in answering the 'phone is changed at once when it is discovered who the caller is. The answer should be in a tone of voice as to a person present. "Yes, this is Smiths, Mr. Brown speaking." If some one else is wanted and not just at hand, the order should, if possible, be taken to be called to the attention of the salesman wanted, or the name and number of the customer secured, to be called at once on his return. Many persons when giving an order in this way do not know just what they want, and not being able to see the stock, it is up to the salesman to suggest something on hand, first finding out, without of course directly asking, the price or limit of cost. Of course all orders should be up to the standard of the shop, always fresh, carefully boxed and delivered on time. But the 'phone order needs all this and a little more, as the least slight or omission brings forth the thought, "I should

have selected them personally and I might have seen something I would have liked better."

Many orders are received by 'phone on personal solicitation. This method of getting business has to be carefully conducted. A salesman must know the customer and must only appeal when there is something choice on hand; that is, their favorite flower or plant, or that they would delight in sending to some one else. At another time the market is full of choice flowers, roses for instance, that could be offered at a low price, which bargain often appeals to the customer and a lot of flowers can be moved in this way. Such selling must not be overdone, or one would become a nuisance. Telephones should always be enclosed in booths with order blanks and pencils that belong there. There should be plenty of natural light and electricity for night. A calendar in plain sight is often a great help. It is very important to be ready for instant service, as some persons dislike to be asked to wait or to repeat portions of their message. Customers should be asked to leave some of their personal cards, which can be placed in the box ordered in this way and is much more personal than one written by some one else. K.

Liberty Bell Decoration at San Francisco.

The accompanying illustration shows the Liberty Bell as it appeared on the streets of San Francisco on the way to a place of honor at the Panama-Pacific exposition, and it is doubtful if in all of its travels the historic relic ever had a more beautiful setting. The float upon which the bell was mounted, 14 by 30 feet, was built upon a large auto truck and so designed that the chauffeur could not be seen. Ten thousand American Beauty, Russell and Ulrich Brunner roses and 6,000 carnations were used in the decoration, the flag and shield designs on each side of the arrangement being 5x8 feet and 4x5 feet, respectively.

Angelo J. Rossi, manager of Pelicano, Rossi & Co., and chairman of

the citizens' Liberty Bell committee appointed by Mayor Rolph of San Francisco, designed and personally supervised the decoration, which was a credit to all concerned. J. R. F.

Sweet Pea Trial Grounds at Cornell Univ.

Report of Prof. A. C. Beal, Cornell University, Ithaca, N. Y., rendered at the annual meeting of the American Sweet Pea Society, Newport, R. I., July 15, 1915.

During the past year we were able to resume our trials with the winter-flowering sweet peas. Although we did not come into possession of the necessary greenhouse space in time to sow them for the early crop, we were able to plant during October, and therefore had an excellent crop of flowers during midwinter and spring. In fact, last year's crop was the best we have ever had. A large collection of varieties were received from Ant. C. Zvolanek and a few varieties from other seedsmen. Some of the older varieties were grown for comparison, and altogether there were sixty varieties in the collection. Among the newer sorts the following are very promising.

Bridal Veil.—A large to very large, much-waved white flower.

King of England.—A large waved flower, of a bright glowing crimson color. In our experience this variety is the best red for greenhouse culture.

Rev. Father Kelly.—A large to very large, much-waved lavender flower. Some of the standards show tints of mauve-rose, but change to the same color as the wings. The exact color is not given in the "Repertoire des Couleurs" being less red than 188 (1) and less blue than 201 (1).

Belgian Hero.—A large waved flower with the standard salmon-carmine and wings purple-rose. This would be called by the trade an orange-pink. When grown in late spring or summer, this variety, unless shaded, shows the blackened veins common to flowerers of this color; but in winter this variety was free from this defect. When well grown it is a fine variety.

Morning Star.—A very large much-waved flower with the standard bright mauve-rose and wings violet-rose. These are the approximate colors, as the real colors lie between the two, and the flower is more nearly a self than is indicated.

Mrs. Calvert.—A large waved deep pink flower. The standards are mauve-rose and the wings pale lilac-rose; a beautiful flower.

Polar Light.—A large waved flower; standard lilac-rose, wings darker.

Waved Christmas Pink.—Appears to be a decided improvement on the widely-grown Christmas Pink.

The above are the best of the collection for commercial culture, but there are others of considerable promise which we have not space to describe as Pacific, Montenegrin, President Wilson and Polar Bear. The above varieties were free from rogues, and all the varieties indicate a very great advance in the winter-flowering section. Of the varieties received from other growers, Selma Swenson is a large to very large waved, pale lilac-rose with light violet-rose wings.

This season in the open ground we have 70 varieties of comparatively recent introduction, and about an equal number of the oldest varieties. The latter we are growing to secure seed so that we may keep them for a few years. It is probable that the plants at Cornell are the only existing plants of some of these old varieties which are so interesting to those of us who wish to note the progress in the evolution of sweet peas. These, of course, were sown in the open ground. The new varieties referred to were not received until the latter part of March, probably because of the war, and were sown in pots at once. Had we been able to forecast April conditions this year, we should have sown them in the open, because when we did transplant, we had a dry period which tended to check the plants. They are now beginning to bloom, although the amount of growth is less than usual. It is too early to estimate the real worth of these varieties. What I shall say, therefore, is only tentative and subject to revision. At present we consider:

Stark's Giant Buff.—This with us is the largest varied variety of its class.

Duchess of Portland (Dobbie, 1915).—A very large cream-pink.

Alfred (Dobbie, 1915).—A good sized clear pale lavender.

Blue Picotee (Dobbie).—Appears to surpass all other blue picotees.

Robert Sydenham.—The first flowers of this have proved a disappointment to us for it burns. We have had very unusual weather in that we have had frequent heavy rains alternated with bright sun. Possibly settled weather would result in better flowers, although the fault is not an uncommon one among the varieties of this color section.

Stark's Soft Salmon is a pretty thing, but we wish to see more of it.

King White is the leading exhibition white, and **Wedgewood** appears likely to supplant the other waved blues.

Brooklands' Queen, Sincerity, Dobbie's Orange, Spitfire and others may prove desirable.

We hope that conditions may be better this fall and that we can receive seeds earlier next year for outdoor growing. In closing let me urge the members of this society to use their

influence to get varieties for the trial grounds. This fall we shall have better facilities for testing winter-flowering sweet peas than we have ever had before. We shall have a new modern house, forty feet wide at our disposal, and the tests will be made under commercial conditions as we plan to use the house and crop as an object lesson in growing winter-flowering sweet peas. If we can secure all the varieties now in the trade for trial with our present notes, we can later issue another publication bringing the subject up to date.

HAIL NOTES.

Hail at Omaha and Council Bluffs.

A severe hailstorm which visited Omaha, Neb., and vicinity, July 18, caused heavy damage to greenhouse glass. At Bonde's Greenhouse, Ben-



George W. Kerr, Doylestown, Pa.
Vice-President American Sweet Pea Society.

son, Neb., all glass was destroyed, with no insurance.

At Omaha, Samuel R. Faulkner, 906 South Fortieth street, and P. B. Floth, 3102 Burt street, suffered losses of 25 per cent and 60 per cent respectively, both covered by insurance. Lewis Henderson's loss was slight. The ranges of A. Donaghue, Chas. Ederer and Hess & Swoboda, on the north side of the city, escaped without damage.

At Council Bluffs, Ia., J. F. Wilcox & Sons, Inc., had 136,000 square feet broken at their range at Lake Manawa. These houses were all in roses and were in splendid shape. This firm's Pierce street establishment suffered no loss; in fact, no loss is reported from Council Bluffs except that to the houses at Lake Manawa.

GRIPPE.

Hail Losses Heavy in West.

Insurance companies carrying hail risks, not having well-distributed business, will show some odd reports this year. Those having business confined chiefly to Nebraska, Kansas and Oklahoma will have loss ratios running in the neighborhood of 100 per cent. Those whose risks are limited to the northwest will show a nice profit, while those with business scattered from the Gulf of Mexico to Canada will about break even.

Hall at Colorado Springs.

A severe hailstorm, which started about four o'clock on the afternoon of July 18 and continued about half an hour, caused great damage to glass and stock at the range of the Pikes Peak Floral Co., Colorado Springs, Colo. The hailstones were of large size and the greatest damage was on the north and west slopes of the houses, the storm coming from that direction.

Owing to favorable weather conditions since the storm, the stock, which at first appeared to be badly damaged, is coming through better than was anticipated, and enough good carnations are being cut to take care of all orders and there has been no interruption to business. The accompanying illustration gives a good idea of the extent of the damage.

Storm Losses in New Jersey.

Electrical storms, accompanied by heavy hail, swept the territory in the vicinity of Summit, Madison, Chatham and Murray Hill, N. J., July 13. Greenhouse glass suffered severely and truck gardens were cut to pieces by the hail, or the crops torn up by the wind and blown away. The damage is estimated at \$100,000.

The establishments of Nason & Son, Murray Hill, and M. L. Force, Morristown, N. J., both suffered loss of glass and stock, while at Westfield the range of Herder Bros. was completely wrecked and the contents destroyed. A dwelling being erected for William Jacobsen at his range at Springfield, N. J., was badly damaged.

American Rose Society.

The executive committee of the American Rose Society met at the office of President S. S. Pennock, 1612 Ludlow street, Philadelphia, Pa., July 20. The appointment of Emil Buettner, Park Ridge, Ill., and John H. Dunlop, Richmond Hill, Ontario, as judges for the rose exhibits at the Cleveland flower show to be held in the Coliseum in Cleveland November 10-15, was confirmed. Robert Scott & Sons of Sharon Hill, Pa., offer a special prize of \$25 at this show.

The Hartford rose garden committee, consisting of John F. Huss, Wallace R. Pierson and Alex Cumming, Jr., report: "On June 25 the new roses of the test garden at Elizabeth park, Hartford, Conn., were closely examined and silver medals were awarded as follows:

Conard & Jones Co., West Grove Pa.—Climbing American Pillar Rose, awarded a silver medal. Scored 85 points; highly recommended as pillar rose.

A. N. Pierson, Inc., Cromwell, Conn.—Killarney Queen, hybrid tea, awarded a silver medal. Scored 85 points; recommended as a grand bedding rose.

Hoopes Bros. & Thomas, West Chester, Pa.—Purity, hybrid Wichuriana, awarded a silver medal. Scored 87 points; a splendid grower that is recommended for every collection and garden.

Hoopes Bro. & Thomas, West Chester, Pa.—Climbing American Beauty, awarded a silver medal. Scored 87 points; a grand profuse bloomer deserving to be recommended for every garden.



CHICAGO GRAND FLORAL FESTIVAL, COLISEUM, NOV. 9-14, 1915.

The Plan Shows the Main Floor of the Exhibition Hall, in the Center of Which Competitive Exhibits Will Be Arranged. The Sides and Ends Have Been Reserved for Trade Displays, with Spaces 1 to 27, 30 Cents Per Square Foot; Spaces 28 to 34, 20 Cents Per Square Foot. For Reservations and All Other Information Regarding Space, Address A. Henderson, Chairman Trade Space Committee, 369 River Street, Chicago. First Come, First Served.

Hugh Dickson, Ltd., Belfast, Ireland.—Lady Pirrie, hybrid tea, awarded a silver medal. Scored 85 points; recommended as a splendid bedding rose.

Edward Kress, 2506 North avenue, Baltimore, Md.—Registered as Defiance, hybrid tea; scored 85 points. Highly recommended as a most excellent bedding rose.

There have been added a number of new varieties of American origin this spring which will be watched with great interest in the future, and more are promised for the planting in coming fall. Much interest has been especially devoted to this test garden by the lovers of roses, and the garden has been unusually well visited this season.

Signed: John F. Huss,
Wallace R. Pierson,
Alex. Cumming, Jr.

The National Flower Show to be held in Philadelphia, Pa., next spring is gaining a good deal of attention and interest from the rose growers near Philadelphia.

The Waban Rose Conservatories, Natick, Mass., presented for registration two (2) new roses, as follows:

Mrs. Bayard Thayer—a sport from Mrs. Charles Russell. Flower is large and full, color outside of petals deep rose, inside clear silver pink; foliage large and very dark green, perfectly flat; no tendency to curl as is sometimes the case with Mrs. Charles Russell.

Mrs. Moorfield Storey—a seedling. (General McArthur X Joey Hill). A large full rose with heavy dark foliage; color shell pink, deeper towards the center; tip of petals deep rose.

These were directed to be accepted and published in accordance with the rules of the American Rose Society.

The Cleveland rose show was discussed and the desirability of holding a meeting in that city during the show was advocated and a motion made to that effect, and carried.

BENJAMIN HAMMOND, Sec'y.

Foley's Ball-Bearing Ventilating Machine.

The Foley Greenhouse Manufacturing Co., Chicago, is marketing this year and selling a considerable quantity of its new ventilating machine, users of which say it is the easiest running and best machine so far placed on the market, having special superior points in its construction, which as far as known, have never before been used in ventilating machines.

The special feature which makes it so easy running and capable of handling such a large run of sash is the ball-bearing feature in the machine. The machine is neat and striking in appearance, is not cumbersome or clumsy, is very reasonable in cost and requires very little effort to handle. In addition to being ball-bearing in the machine part, the upper sprocket bracket is roller-bearing. Every part of the machine is built with especial care to meet requirements, and it is the last word, so to speak, in sash operating or ventilating machines.

One of these machines was recently exhibited at the meeting of the Texas State Florists' Association, and was commented on very favorably by all who tried it. These machines are in operation now in many ranges throughout the United States, including a new range constructed for the state of Ohio at the State University, Columbus, O.

Carnation Yellows.

Attention American Carnation Society members! The department of floriculture of the University of Illinois is conducting experiments for the purpose of determining the cause of, and a remedy for the disease known as yellows among carnations. These experiments were started last year and have advanced far enough to promise definite results. There is perhaps no work in which the members of the so-

ciety could be more vitally interested on account of the prevalence of this disease, and the damage it is doing the carnation industry.

In order to carry on these experiments successfully and to arrive at definite conclusions, they require material from all sections of the country and to that end we ask that all members of the society forward to them a limited number of each variety showing these light spots (in the red and crimson sorts the spots are dark purplish) in the leaves. The experimental benches will be planted during the first two weeks of August, and these specimens should be forwarded during that time. Label each variety plainly. The names of those sending in material will not be made public so that no apprehension need be felt along that score. Address all packages to Department of Floriculture, University of Illinois, Urbana, Ill.

A. F. J. BAUR, Sec'y.

Twin City Florists' Outing.

Florists of the Twin Cities departed themselves at Spring park, Lake Minnetonka, July 20, the occasion being the annual outing of members of the craft from St. Paul and Minneapolis. Over 300 attended, going to the lake by special train.

In the tug of war between St. Paul and Minneapolis, the florists of St. Paul won. In the old women's race, two St. Paul women broke the tape together. Superior hiking by the St. Paul "kids" won three out of five prizes offered in the children's race. St. Paul had the fastest two out of three fat men in the party.

It was in the young women's race that Minneapolis came to the front with a win, but their triumph was short lived, for the Saintry City's elders came through with four old men crossing the finish ahead of a lonely old man from Minneapolis. St. Paul

young men also won four out of five places in their race.

Henry Krinke of St. Paul, 60 years old, said to be the oldest florist in the Twin Cities, took the prize for the best old fashioned waltz in the dancing contest.

Not only fleet of foot, but good with the willow, were the St. Paulites, for they ran around the bases and swatted the ball for nine innings of the contest at the national pastime with the "Minnies" until an 11 to 3 defeat was administered.

Chicago Florists' Club Picnic.

The thirtieth annual basket picnic of the Chicago Florists' Club was held at St. Paul Park, Morton Grove, Sunday, July 25, and was largely attended, considering the unfavorable weather and the Eastland disaster the day before, when over 1,000 people were drowned as the boat capsized in the river. The committee held a meeting on Saturday, July 24, in regard to postponing the affair in honor of the dead, but owing to the late hour and

committee worked hard, but everything was against them, for it rained the greater part of the afternoon, but the programme was followed out closely.

The baseball game between the Growers and Wholesalers was one of the finest exhibitions ever held on the Morton Grove diamond and was the feature event of the day. The team representing the Growers, led by Peter Olsen, defeated the nine representing the Wholesalers, led by William Lorman, by a close and exciting score of 3 to 1. The winning team received \$10 in cash, donated by Peter Reinberg and J. A. Budlong, and 12 bottles of wine donated by the D. H. Sullivan Wine Co., and the losing team, nine pocket knives, donated by Poehlmann Bros. Co. and 50 cigars given by M. J. Hanley.

The results of the races and other sporting events are as follows:

Fat men's race, 100-yard dash—Morris Grossberg, first, \$10 in cash, donated by the Foley Manufacturing Co.; J. W. Fink, second, 50 Perfecto cigars, given by the Perfecto Cafe; John Goede, third, one pair of pruning shears, donated by Vaughan's Seed Store.

Married men's race, 150-yard dash—W. Wallace, first, Goodrich Rubber Co. prize, 50 feet of garden hose; Fritz Simons, second, John C. Moninger Co.'s prize, silk umbrella; J. Gurgens, third, three cans of Frat cigars, donated by the George C. Knight cigar store.

Single men's race, 150-yard dash—Luke Schrer, first, 50 cigars, donated by M. J. Hanley; P. W. Brust, second, pair of shoes, donated by Rosenbach's Shoe Store; Ray Harris, third, pair of pruning shears, Vaughan's Seed Store prize.

Growers' race, 150-yard dash—W. Wallace, first, one-half ton of fertilizer, donated by Chicago Feed and Fertilizer



COMMITTEE IN CHARGE OF TWIN CITY FLORISTS' PICNIC,
Spring Grove, Lake Minnetonka, July 20.

The prize-winners in the field events were as follows:

Children's race—Kenneth Steath, Minneapolis, first; Albert Stearn, Minneapolis, second; Gladys Soedren, Minneapolis, third; Eugene Olson, St. Paul, fourth; Mary Bolsky, Merriam Park, fifth.

Boy's race—George Olson, St. Paul, first; Robert Stern, Minneapolis, second; Warren Olson, St. Paul, third.

Young men's race—Chas. Heard, St. Paul, first; Geo. Patterson, Minneapolis, second; Geo. Rowan, St. Paul, third.

Girl's race—Elsie Puvogel, St. Paul, first; Edna Gustafson, St. Paul, second; Helen Olson, St. Paul, third.

Young ladies' race—Bertha Anderson, Minneapolis, first; Dorothy Anderson, Minneapolis, second; Florence Medici, St. Paul, third.

Ladies' race—Mrs. W. D. Desmond, Minneapolis, first; Mrs. L. W. Gray, St. Paul, second; Mrs. Jake Gazetti, Minneapolis, third.

Men's race—H. H. Puvogel, St. Paul, first; Lawrence Milroy, Minneapolis, second; Frank Kenney, Minneapolis, third.

Fat man's race—F. A. Bayley, St. Paul, first; Frank Penas, St. Paul, second; Louis Dancik, Minneapolis, third.

Tug-of-war between Minneapolis and St. Paul—Won by St. Paul.

Tug-of-war between Minneapolis ladies and St. Paul ladies—Won by Minneapolis team.

Base ball, Minneapolis vs. St. Paul, nine innings played—Won by St. Paul score 11-3.

Prize waltzing—Mrs. W. D. Desmond, Minneapolis, and Henry Krinke, St. Paul, first; Mr. and Mrs. C. F. Rice, second; John Rovik and Miss Anna Loudon, third.



MEMBERS OF LADIES' FLORIST CLUB OF MINNEAPOLIS.

At the Twin City Florists' Annual Outing, July 20.

the impossibility of notifying the trade in time, it was decided that the best thing to do was to go ahead and hold the picnic as scheduled. As it was, about 500 people were present, which was about one-half the number that attended last year, but everyone that did attend had a glorious time, and taken all in all, the affair was a success socially if not financially. The

Co.; James Michal, second, Florists' Manual, Florists' Publishing Co.; and A. Kurchoff, third, two cans of Frat cigars, donated by Geo. C. Knight cigar store.

Wheelbarrow race, hoodwinked—Luke Schrer, first, \$25 worth of boxes, donated by the Sefton Manufacturing Co.; James Michal, second, 50 feet of garden hose, from the Revere Rubber



MINNEAPOLIS FLORISTS' FIRST PICNIC, AT WILDWOOD, WHITE BEAR LAKE, 25 YEARS AGO (1890).

Standing, left to right: Louis Malchow, Mrs. Chas. Swan, Miss Gray, Chas. Swan, Thos. Hall, Jacob Hartman, Aug. S. Swanson, Rudolph Thur, Gust Malmquist, Adam Gray, Richard Wessling and Gust Rumler. Sitting; E. Nagel, Mrs. Malchow and the Gray boys.

Co., and Adam Faber, third, 50 Perfecto cigars, from the Perfecto cafe.

Boys' race, 10 to 15 years—A. Barron, first, Spaulding catcher's glove, donated by Hoerber Bros.; Raymond Mailander, second, pocket knife, from candy, Manusos Bros.; Elsie Amling, third, pair of scissors, from Joseph Ziska & Sons.

Boys' race, 10 years and under—Fred Brundell, first, complete baseball outfit donated by Kirchheimer Bros. Paper Co.; Wm. Jurgens, second, fielding glove, from the E. C. Amling Co.; Ed. Stoeffel, third, indoor baseball, donated by E. C. Amling Co.

Growers' wheelbarrow race, 100-yard dash—W. Wallace, first, one-half ton fertilizer, donated by Chicago Feed & Fertilizer Co.; George Steyke, second, six hot-bed sash, from Racine Puttyless Window Co.; W. Howkin, third, book, "Sweet Peas for Profit," given by Florists' Exchange.

Stout ladies' race, 50-yard dash—Mrs. Esseuted, first, fancy basket assorted fruit, from C. J. Kantos; Mrs. Kunchedell, second, ladies' umbrella, donated by Zech & Mann; Mrs. Frank Schramm, third, gold-plated penknife, given by Miller & Musser.

Married ladies' race, 100-yard dash—Mrs. Shanus, first, fancy wicker chair, from A. L. Randall Co.; Mrs. Peter

Olsem, second, mahogany tea tray, donated by Chicago Flower Growers' Association; Mrs. Max Awizzus, silk handbag, A. T. Pyfer & Co. prize.

Single ladies' race, 100-yard dash—Edna Schmidl, first, glass centerpiece, donated by Chas. W. McKellar; Martha Goede, second, five pounds of Manusos Bros.; Elsie Amling, third, pair of scissors, from Joseph Ziska & Sons.

Girls' race, 9-years and under—Florence Goede, doll, donated by H. H. Wilkerson; Helen Baumhardt, china tea set from E. C. Amling Co.; Gene Schramm, third, doll's jewel set, E. C. Amling Co.'s prize.

Relay race, open to all—Percy Jones' team, first, \$6 cash, donated by Percy Jones; team representing other wholesale houses, second, \$4 cash, donated by a friend.

Special running race—W. Wallace, first, paid-up accident policy, donated by C. A. Hunt, Geo. N. Wright Co.; Luke Schrer, second, \$5 cash, donated by A. A. Arnold Paper Box Co.

PICNIC NOTES.

W. J. Keimel had to leave rather early in order to meet a sister, who arrived from out of town in the afternoon. Mr. Keimel left his family at the picnic to await his return, but forgot to leave the lunch basket with

them, and carried it back with him in his car. He returned in the evening and the way the grub disappeared shows that the growers' families have keen appetites.

Anton Then brought a whole truckload of people to the picnic, all of whom celebrated August Jurgens' forty-eighth birthday. The party had all the lunch they could eat in addition to plenty of the liquid that made Milwaukee famous.

Did you notice how the gentlemen patronized the ice cream stand? The writer could mention some names, but to keep peace in the families he will refrain from doing so.

The Amling boys from Maywood can certainly play ball and were responsible to a great extent in helping the growers win.

Arnold Ringier and James Morton can run some. If you do not believe it watch them some time in the fat men's race.

Ed. Goldenstein was the only gentleman on the grounds carrying a walking stick. Some class to Ed.

P. W. Peterson autoed from Joliet in his new automobile and reports having had a delightful time.

Phil Foley had his two sons, James and Phil, Jr., for a personal bodyguard. Believe me, some escort.



OUTING OF TWIN CITY FLORISTS, SPRING GROVE, LAKE MINNETONKA, JULY 20.

Fred. Liebermann pitched some game and Allie Zech played a dandy game behind the bat.

H. S. Philpott, of Winnipeg, was one of the out-of-town visitors that attended the picnic.

August Pöehlmann and family attended the picnic in a new Winton Six. A. Miller umpired a good game, but should have been in the line-up.

Pyfer & Olsem brought quite a crowd with them from Wilnetta.

Cleveland.

STOCK UNIFORMLY GOOD; PRICES LOW.

There was no perceptible change in the cut flower line the past week from last week's report. Outdoor stock is quite plentiful, with asters and gladioli running far ahead. Roses, with the exception of white, are also plentiful. Stock is uniformly good, with prices ruling low.

NOTES.

Chas. A. Calhoun, aged 73, pioneer resident of East Cleveland, and at one time the largest grower of watermelons in Cuyahoga county, died July 17 after two years' illness at his home, 13226 Euclid avenue. Mr. Calhoun was born in Erie, Pa., and came here in 1848. He followed the truck gardening business. In 1878 he planted 40 acres of melons. He is survived by his widow and two sons, Grant and Willard Calhoun, Willard Calhoun being in the florist business, with greenhouses at 13226 Euclid avenue.

Frank Riley, of the Heefe Co., florists at Akron, Ohio, was entertaining friends from Cleveland the other day and planned to treat them to rhubarb pie. His wife and son went to purchase the rhubarb and some other things. Later his son brought a long parcel to Papa Riley at the store. He guessed at once it was the rhubarb. Riley put the package in the cooler until he went home. When he arrived he laid the parcel on the table, but it

ber, Chas. Graham, Williams, Jr., F. Ritzenthaler, Clarence Meyers, Eugene Berger Shoemaker, Robert Hughes.

Baseball. Wholesalers—Williams, Rotter, Smith, Jr., Talsott, R. Hughes, A. Lundgruen, E. Burger, Herb Bates. Retailers—Chas. Graham, Shoemaker, Al. Barber, Heil, A. Graham, Jr., Tim Smith, Clarence Meyers, Baird, Rotter. The "penny scramble" for the little boys and girls, the "cock fight" and watermelon eating contests, were all exciting and amusing, and created no end of fun and laughter. There were about 25 different contests requiring skill and muscle, and the way the florists went at them showed they were no "mollycoddles." C. F. B.

Washington.

There is very little to say in regard to the market, as stock in general, outside of asters and a few gladioli, are poor, and the best of these can be had for \$10 per thousand.

NOTES.

Mrs. J. A. Phillips, the popular florist of Mt. Pleasant, has entered the contest for the most popular land on the hill and from last returns is in a fair way to receive the prize, which is a trip to San Francisco, Calif.

Mrs. G. C. Shaffer and son are enjoying their vacation at Atlantic City, where Mr. Shaffer expects to join them each week end.

Visitors: C. Meehan, Philadelphia, Pa. G. C. D.

Providence, R. I.

FUNERAL WORK RELIEVES DULLNESS.

Occasional days when there is a liberal amount of funeral work is about all that relieves the mid-summer dullness. Flowers of all seasonable varieties are plentiful, and asters are now coming in in such quantities that a market cannot be found for them. Outside sweet peas are still very good, and gladioli are arriving in oversupply.

OBITUARY.

James C. Wallace.

James C. Wallace, a conspicuous figure in the history of the development of the San Gabriel valley, died at his home in Alhambra, Calif., July 11, after a short sickness due to a complication of diseases. He was 83 years of age. Mr. Wallace had not been actively engaged in business for more than twelve years, although until his recent illness he had excellent health. His home has for many years been one of the show places of Alhambra.

He is survived by a widow, two daughters, Mrs. S. M. Kennedy and Mrs. D. L. Reynolds, and five sons, Glen C., J. Wiley, George A., Benjamin W. and Walter J.

Jordan Lawrence Mott.

Jordan Lawrence Mott, millionaire iron master and head of the J. L. Mott Iron Works, of New York, who specializes in garden vases, gates, fences, etc., died at his home on Fifth avenue, July 27. He had been ill for a long time. Mr. Mott was 86 years old.

Far Rockaway, N. Y.

H. Bergman, who recently leased the store and conservatory formerly conducted by Henry Hart, of New York, is doing a good business. During the spring he had large orders for landscape work and planting and employed a number of men. As this is a popular summer resort, business in cut flowers continues good. His conservatory is well stocked with palms and ferns for decorative work. A. F. F.

FORT SMITH, ARK.—The annual meeting of the Arkansas State Horticultural Society will be held in this city, December 7-10.

SIoux CITY, IA.—Work has begun on the new greenhouses for Rev. John Kroonemeyer, which will cost \$10,000 when completed.

SPRINGFIELD, ILL.—A sunken playground for children, and other improvements will be made at Reservoir park this season.

COLUMBUS, O.—E. H. Burkley and J. U. Cassidy have a permit to erect greenhouses at 237-245 Richardson avenue, to cost \$1,500.

DAYTON, O.—Mrs. W. G. Matthews is suffering from a nervous breakdown and is receiving treatment in a hospital at Martinsville, Ind.

NEW BEDFORD, MASS.—Nofftz, the Florist, has discontinued his retail store at 106 William street, all business being now handled from his greenhouse, 961 Kempton street.

NEW CUMBERLAND, PA.—The New Cumberland Floral Co., which recently changed hands, is now under the management of W. H. Riley, formerly of Sherburne Falls, Mass.

WEST HARTFORD, CONN.—Carl Peterson, in charge of the Whiting Greenhouses for the past 18 years, and manager for Miss Helen F. Whiting for the past 10 years, has leased the establishment for a term of years and taken possession.

GREENWICH, N. Y.—After having been engaged in the florist business for the past 41 years, P. H. Hulst has sold his greenhouse to Frank H. Westinghouse and will retire. The house will be removed and added to the Westinghouse property on Academy street.



ANNUAL OUTING, CLEVELAND FLORISTS' CLUB, JULY 23.

Left: "Bill" Krusen Picking the Winners. Right: Tim Smith, Captain of the Retailers, and Mrs. Smith. Top: Geo. W. Smith on the Coaching Line. Bottom: The "Wholesalers" Baseball Team.

wasn't rhubarb. It was a new corset his wife had purchased.

ANNUAL OUTING.

Between 250 and 300 florists and their friends attended the club's outing at Willough Beach park, July 23. The day was ideal, the grounds and bathing beaches fine, and everyone had a good time. The retailers beat the wholesalers in the indoor ball game by a score of 9 to 7, and the wholesalers retaliated by trimming the retailers in the base ball game to the tune of 13 to 12. The line-ups were as follows:

Indoor ball. Wholesalers—Herb Bates, Al Lungruen, K. Wilson, S. Berthold, J. Talsott, Baird, Geo. W. Smith, C. F. Bastian, Rotter. Retailers—Al Bar-

Cut flower sales have dropped off and design work is about all that the florists can do now. Most of the growers are busy planting chrysanthemums and getting the benches ready for carnations.

NOTES.

The Florists' and Gardeners' Club of Rhode Island will hold its annual outing in August.

Matthew Macnair is enjoying his vacation and will be away about a month.

W. E. Chappell is enjoying a water trip to Florida as his vacation.

Kresge's flower department will be closed during the summer.

H. A. T.



CHICAGO FLORISTS' CLUB PICNIC, SNAPSHOTS JULY 25.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application. From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST, 440 S. Dearborn St., CHICAGO

THIS ISSUE 52 PAGES WITH COVER

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IT is reported that English horticulturists sympathizing with the blockade by the British government of the exportation of Belgian plants to America, have resolved to approach their government with a view to the alleviation of the troubles of the Belgian growers.

Personal.

Prof. A. H. Nehrling, of the Massachusetts Agricultural College, Amherst, is visiting the West and will attend a meeting of the executive committee of the Missouri Botanical Garden Alumnae Association at Chicago, August 2.

Uncle Nick Hallock plans to leave San Francisco for the east July 27, due in Chicago, August 6.

Gladiolus Society of Ohio.

We are in receipt of the premium list of the Gladiolus Society of Ohio for its exhibition, to be held in the Assembly Room of the Hollenden hotel, Cleveland, O., August 13-14. Thirty-two classes are provided with cash prizes and medals. Entries forwarded to the place of exhibition, charges prepaid, will be staged and cared for by the society. Copies of the premium list may be had on application to Secretary Wilbur A. Christy, Warren, O.

Bay Trees Arrived.

During the week ending July 24 imports were received at New York as follows:

- W. H. Mixson Seed Co., 18 bags turnip seed, 22 bags other agricultural seed. Lunham & Moore, 468 tubs bay trees, four packages plants. Nungesser-Dickinson Seed Co., 300 sacks of seed. Burnett Bros., 30 bags chemical manure. Peter Henderson & Co., 45 pounds seed. F. B. Vandergrift & Co., 12 bags seed.

Hews, Oldest Flower Pot Maker.

The well known firm of A. H. Hews & Co., Inc., Cambridge, Mass., manufacturers of flower pots and other earthen ware specialties, is celebrating its one hundred and fiftieth anniversary this year and lays claim to the title of the oldest and largest manufacturers of flower pots in the world, having been established in 1765. We heartily congratulate the firm on the occasion and there is every reason to believe that in its high grade products and fair dealing with patrons this concern will continue to serve future generations of florists with that conspicuous honesty and industry which secured for it the front rank held so long among trade manufacturers.

In addition to the standard sizes of flower pots and pans this firm makes earthen ware specialties of all sizes and patterns to order. A new list of flower pots and florists' ware has just been issued, copy of which will be mailed by the firm on receipt of postal card request.

Chicago to San Francisco.

The transportation committee of the Society of American Florists announces the selection of the Chicago & Northwestern Ry., in connection with the Union Pacific R. R., Denver and Rio Grande R. R. and the Southern Pacific R. R. as the official route from Chicago to the S. A. F. & O. H. 1915 convention at San Francisco, Calif. August 17-19.

The official train which will leave Chicago at 10:00 p. m., August 12, will consist of all steel equipment, embodying all that is modern in railway travel of today, including luxurious Pullman sleeping cars, with open sections, compartments and drawing rooms. The official route selected as given in the schedule below has been selected not only on account of its scenic wonders, but because it will give each member the pleasure of combining his business trip with one of recreation at the least possible cost, and based upon time, safety, comfort and scenery.

A low round trip rate of \$62.50, Chicago to San Francisco, with a return limit of three months, but not exceeding December 31, 1915, is in effect daily until November 30, and correspondingly low rates are in effect from other stations to Chicago. These tickets permit a wide choice of routes returning, with liberal stop-over and side trip privileges.

Members of the Chicago party may return east by such individual route as each individual may prefer, with date of departure and stop-over privileges as desired. The route must be selected, however, at the time tickets are purchased.

SCHEDULE.

Table with columns: Lv. Chicago 10:00 p. m. Thursday, August 12, via C. & N. W. Ry., Ar. Omaha 11:40 a. m. Friday, August 13, via C. & N. W. Ry., Lv. Omaha 4:20 p. m. Friday, August 13, via Union Pacific Ry., Ar. Denver 7:30 a. m. Saturday, August 14, via Union Pacific Ry., Lv. Denver 10:00 a. m. Saturday, August 14, via D. & R. G. R. R., Ar. Salt Lake City 1:30 p. m. Sunday, August 15, via D. & R. G. R. R., Lv. Salt Lake City 4:00 p. m. Sunday, August 15, via D. & R. G. R. R., Ar. Ogden (M. T.) 5:00 p. m. Sunday, August 15, via D. & R. G. R. R., Lv. Ogden (P. T.) 4:40 p. m. Sunday, August 15, via Southern Pacific Co., Ar. San Francisco 8:50 p. m. Monday, August 16, via Southern Pacific Co. Pullman Rates, Chicago to San Francisco. Lower berth in standard sleeper \$13.00, Upper berth in standard sleeper 10.40, Compartment 36.50, Drawing room 46.00, Lower berth in tourist sleeper 7.00, Upper berth in tourist sleeper 5.60.

San Francisco Hotel Rates

The following is a list of San Francisco hotels and rates issued by the S. A. F. hotel committee for the information of those who will attend the annual convention at San Francisco, August 17-19, 1915. For further information regarding reservations, etc., write Frederic J. Bertrand, care of Joseph's, 233 Grant avenue, San Francisco, Calif.

Table with columns: Hotel and Location, Rates for One Person (With Bath, Without Bath), Rates for Two Persons (With Bath, Without Bath), Add Per Person. Lists hotels like Argonaut, Baldwin, Bellevue, Clift, Court, Fairmount, Golden West, Goodfriend, Granada, Hillcrest, Inside Inn, Lankershim, Manx, Powell, Palace, Plaza, Stanford, Stewart, St. Francis, Turpin, Victoria, Washington, Graut at Bush.

*No rooms without bath.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—By all-round florist, designer; German, single, 25; 10 years' experience; good references; state wages.
W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married; small family. Private place preferred. State full particulars. Address
Key 539, care American Florist.

Situation Wanted—By honest man; understands general greenhouse and landscape work; quick and careful potter. Address
STEPHEN DOKUPIL, care T. Herzik, Box 145, Glencoe, Ill.

Situation Wanted—By German florist; single; section or working foreman; good grower of cut flowers and plants; a first-class propagator; strictly sober. Address
Key 540, care American Florist.

Situation Wanted—Specialist in roses carnations, mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39.
W. J. HAMILTON, Seffner, Fla.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits, good common sense, initiative, ability and ambitious. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By Aug. 1st in up-to-date florist place only; as a grower in general line first class stock; practical life experience in roses, carnations, chrysanthemums, etc.; also general line of potted plants and bedding stock. Capable of taking charge or section man. Middle aged, single man; German, honest and sober. Please state all particulars in first letter when writing.
Key 536, care American Florist.

Situation Wanted—As foreman or in section by high class, intelligent propagator and grower of all kinds of stock. Can handle help and do designing, decorating, repairing and thoroughly familiar with all heating systems. Can come at once; well recommended by up-to-date concerns. American, age 34, single, total abstainer; wages only \$14.00 per week and transportation expenses. For further particulars address
R. KLAG, 101 Stebbins Av., Webster Groves. Mo.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address
Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter.
RUGBY GREENHOUSES,
Rugby, N. D.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210x185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city.
Box 49, Richmond, Va.

For Sale—Fine paying retail business in the heart of La Crosse, Wis.; established over 20 years, same location; residence and greenhouse in connection if desired. Reason for selling, owner wishes to retire. Chance of lifetime for right party. For further particulars address
Key 537, care American Florist.

HELP WANTED

A competent, reliable man to take charge of a country suburban place of about 130 acres; must have thorough knowledge of trees, plants, flowers and shrubbery; good recommendation required.

M. C. HEATH, COLUMBIA, S. C.

FOR SALE.

Greenhouses to be removed before Sept. 1st, 1915. Six houses 24x266 feet will be sold to highest bidder. Located at Kimball and Foster aves., Chicago, Ill.

THEODORE KRON, Owner,
3411 Foster Ave., Chicago, Ill.

For Sale—Small, completely equipped and well stocked nursery in Middle West, short distance from Twin Cities. \$10,000 cash will handle. Address for further particulars
Key 540, care American Florist.

FOR SALE.

Best paying greenhouse in Kansas, 14,000 sq. ft.; should be doubled in size. Great chance for an up-to-date florist. Place in best of condition. Two residences. Write for full description, list of stock and photo. Owner has made a fortune at the business, acquiring lots of other property and wishes to retire. Topeka has to ship in \$10,000 worth cut flowers and plants annually.
J. M. KESSLER, Florist,
Topeka, Kansas.

THE Annual Meeting of the Florists' Hail Association will be held at the Civic Center Auditorium, Hayes and Larkin Sts., San Francisco, California, at 9 a. m., Thursday, August the 19th, 1915.

JOHN G. ESLER, Sec'y.

NOTICE

—OF—

STOCKHOLDERS' MEETING

CHICAGO, July 17, 1915.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel St. Francis, San Francisco, Calif., Wednesday, August 18, 1915, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

St. Louis.

POOR QUALITY STOCK CROWDS MARKET.

The market during the past week was at a standstill. There are not as many gladioli as last week, but asters are here and there is an over-supply of some flower or another daily. Roses open up quickly and short stemmed stock is a glut. Most of the carnations coming in are poor and do not sell even at bargain prices. Tuberoses are also poor and sell slowly. Dahlias are not selling well, no fancy stock being seen.

ANNUAL OUTING.

The twenty-second outing of the St. Louis Florists' Club took place at Ramona park, July 22. Over 500 were present and pronounced the picnic the best in the history of the club. After the arrival of the reception and game committees, Pelletier's band started the ball rolling, while Geo. H. Angermueller distributed fans and slap sticks and members of the Windler Wholesale Floral Co. presented toy balloons. The games were very exciting and the prizes liberal. The ball game was last on the programme, the growers marching off the grounds with the retailers' "scalps" with a score of 22 to 20. H. G. Berning and Al. Gumz umpired the game.

Among the many with smiling faces, who were having a thoroughly good time were Bob Newcomb, of Vaughan's Seed Store, Chicago, in his palm beach suit, much admired by the ladies; W. A. Rowe, Frank A. Windler, W. H. Ossick, H. G. Berning and wife, Geo. H. Angermueller, Wm. C. Smith, F. C. Weber and his little son, and F. H. Weber and family. The field events and awards were as follows:

Seventy-five yard dash—O. Ruff, first; J. A. McAllister, second.

Flag race—M. Dahm, first; H. Borkern, second.

Backward walk—G. Hartmann, first; W. Ogle, second.

Necktie contest—Miss Erlinger, first; Jesse Tanders, second.

Ball scramble—John and Gus Cerny, first and second.

Calico contest—Miss Rickey, first; Mrs. Edwards, second.

Guinea catch—Williams Brothers, first and second.

Fifty yard dash—E. Clobes, first; W. Weinberger, second.

Time walk—Mrs. Pilcher, first; Mrs. Lohrenze, second.

Ball throwing—Miss Nieshemmer, first; Miss Woods, second.

Needle threading contest—Mrs. Pring, first; Mrs. Rowen, second.

Fifty yard dash—Joe Hauser, first; J. J. Beneke, second.

Clock contest—Fred Strohmeier, first; Mrs. O. C. May, second.

Seed guessing contest—W. J. Pilcher, first; Jean Andrews, second.

Ladies' tug-of-war—Married ladies won.

Men's tug-of-war—Growers' team won.

NOTES.

Five acres of ground on the south side of Olive street road was purchased last week by C. Young & Sons Co., who plan to build greenhouses of the latest type at a cost of \$20,000, Charles C. Young, son of James Young, will handle the management of the range. This firm had been located at the southwest corner of Waterman and Bell avenues, for 30 years, but apartment houses and rapid increase of land values made the location too valuable for greenhouse purposes. Preparations for the building of their new greenhouses will commence at once.

The Diener Floral Co. made up a very handsome design of the new Free bridge, Mrs. Diener being the designer.

CYCLAMEN



Giant English Grown

Each, \$1.00 per 100; \$8.00 per 1000 seeds.

Rosy Morn, Grandiflora Alba, Excelsior, Princess May, Mauve Queen, Duke of Fife, Princess of Wales.

Giant German Grown

Each, 65c per 100; \$5.00 per 1000 seeds.

Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.

Glory of Wandsbek.

Attractive salmon. Price—100 seeds, \$1.25; 250 seeds, \$2.85; 1000 seeds, \$10.00.

PRIMULA Vaughan's International Mixture. } As much liked as our
1-16 oz., \$4.00; 350 seeds, 50c. } Fanny seed of this name.

MIGNONETTE.

New York Market.....Oz., \$7.00; 1/8 oz., \$1.00; Trade pkt., 50c
Grown for us for years by a mignonette specialist.

Giant Machet.....Oz., 75c; 1/4 oz., 40c; Trade pkt., 10c

**VAUGHAN'S SEED STORE, CHICAGO
NEW YORK**

LUXURIOUSLY EQUIPPED

FLORISTS' SPECIAL

to the

Annual Convention

San Francisco, Cal., Aug. 17-19, 1915

Lv. Chicago (Chicago & North Western Terminal) 10:00 p. m., Aug. 12
Ar. San Francisco 9:00 p. m., Aug. 16

Via Chicago & North Western Ry., Union Pacific R. R., Denver & Rio Grande R. R. and Southern Pacific Co.

Itinerary includes sight-seeing trips at Colorado Springs and Salt Lake City en route, passing through the grandest mountain scenery and attractive portions of the trip during daylight hours.

Low Round Trip Fare, \$62.50 from Chicago

Wide Choice of Attractive Routes Returning
Long Time Limit with Liberal Stop-Overs



Make your sleeping car reservations early. For full information address H. A. GROSS, General Agent

CHICAGO & NORTH WESTERN RY.

148 S. Clark Street, Chicago

A meeting of the retail association was held July 19, but no agreement reached as to Sunday closing.

Foster, the Florist, had special sales of gladioli and roses during the past week.

The attraction at Shaw's Garden this week was the new varieties of cannas.

Grimm & Gorly's store is freshly painted and redecorated throughout.

Al. Gumz and wife are home and Al will be at the store this week.

W. F.

URBANA, O.—R. H. Murphy's Sons are erecting six houses, each 20x100, and one house 13x200, on Oakland street.

SAN DIEGO, CALIF.—The annual meeting of the San Diego Floral Association was held at the exposition grounds June 15. The board of directors for the ensuing year was elected as follows: Misses Kate O. Sessions, Rainford, Alice Lee, Mrs. Thos. Kneale, Messrs. A. D. Robinson, L. A. Blochman and G. T. Keene.

The San Francisco CONVENTION NUMBER

OF

The American Florist

WILL GO TO PRESS

AUGUST 11

Many orders for Seeds, Bulbs, Plants and Supplies needed for fall work and business will be placed during the next 60 days, and Growers, Manufacturers and Dealers can secure a large share of this business by liberal advertising in our


31st Annual Convention Number

No Change in Prices. Single Column Inch, \$1.00; Page of 30 inches, \$30.00, with the usual discounts on a series of insertions.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

For 31 years the representative paper of the Florists, Seedsmen and Nurserymen of the United States and Canada.

 Please send your copy for this issue as early as possible.

POEHLMAN

72-74 E. Randolph St.,

SUMMER ROSES-ASTERS-BEAUTIES

We Have The Best and Largest Supply

CURRENT PRICE LIST.

CATTLEYS--GIGAS
Per Doz.....\$6.00

ASTERS
Per 100.....\$2.00 to \$4.00

DENDROBIUMS
Per Doz.....\$6.00

EASTER LILIES
Extra quality flowers. Long stems.
Per Doz.....\$1.50

LILY OF THE VALLEY
Fancy, per 100.....\$4.00
2nd 3.00
3rd 2.00

CARNATIONS
Fancy, per 100\$3.00
Medium, " 2.00
Seconds, " 1.00

FERNS, NEW CROP
Per 1000\$1.50
3000 to 5000 at..... 1.25

MILADY	} Per 100	
RICHMOND		Extra long.....\$8.00
BULGARIA		Long..... 6.00
AARON WARD		Medium..\$4.00 to 5.00
KILLARNEY		Short..... 2.00
WHITE KILLARNEY		
KILLARNEY QUEEN		
CECILE BRUNNER, also called Sweetheart		
Roses.....	per 100, \$2.00	

FLOWERS FOR TRIMMING
Assorted lots.....\$1.00 and up

MISCELLANEOUS Per 100

Sweet Peas.....	\$.50 to \$1.00
Daisies, Shasta	1.00 to 2.00
" Field, extra fine.....	.50
Gladioli.....	4.00
Coreopsis—Gaillardias.....	.75 to 1.00
Smilax,.....doz. \$2.00	
Plumosus.....	2 00 to 3.00
Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, per 1000.....	\$1.25 .15
Mexican Ivy, per 1000.....	6.00 .75

American Beauties

	Per Doz
Specials, 48-60 in.....	\$3.00
36 in.....	2.5
30 in.....	2.0
24 in., young stock.....	1.5
20 in., " " per 100, \$10.00	
18 in., " " " " 8.00	
Shorter, " " " " 3.00	
	\$4.00, \$6.00.

Mrs. Chas. Russell

36-48 in., per 100.....	\$15.00
24-30 in., "	12.00
18-20 in., "	\$8.00 to 10.00
Shorter, "	\$8.00, \$4.00, \$6.00

Hoosier Beauty	} Per 100	
HADLEY		Long....\$8.00 to \$10.00
OPHELIA		Med. ... 4.00 to 6.00
SUNBURST		Short... 3.00
BRILLIANT		

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock.

FLORISTS' SUPPLIES

Our Special 40 per cent Discount

on orders for wire designs amounting to \$10.00 or over will hold good until Wednesday August 4, 1915, so order your supply as quickly as possible and not later than that date

TOBACCO DUST

Use it on your Chrysanthemum plants for there is nothing better and then besides it is good as a fertilizer for it contains fully 9 per cent of potash.

CAN DELIVER:

12 Bales of Moss, - - - - -	\$10.00
Magnolia Leaves, per box, - - - - -	1.25
Cycas Leaves, assorted sizes, 12 to 44 in., per 100, -	7.00
Galvanized Wire Rose Stakes, (No. 8—4 ft.) Special, per 1000,	\$9.75

New Catalog Now Ready Write for one. A postal will do. Bigger and better than ever.

FINE SUPPLY RUSSELL ROSES.

We make a specialty of growing roses best adapted to hot weather and recommend the Russell, Rhea Reid, Ophelia, Sunburst and American Beauties from our new crop.

Fancy Lilies, \$1.00 per doz ; or, if ordered in lots of 50 or more at the rate of \$6.00 per 100

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$2.50
Extra long stems, seconds.....		1.00
30 in. stems.....		2.00
18-24 in. stems, New Beauties.....	\$1.00 to	1.50
Shorter lengths.....	per 100, \$3.00 to \$6 00	

Russell		Per doz.
Extra long.....		\$1.50
Good medium.....	\$0.75 to	1.00
Short.....		.50

Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100
Extra long.....		\$6.00 to \$8.00
Medium.....	4.00 to	6.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00
Medium.....	\$4.00 to	5.00
Short.....		3.00

Cecile Brunner.....	per bunch, 25c	
Choice EASTER LILIES.....	75c per doz.	5.00
LILY OF THE VALLEY.....		3.00 to 4.00
ASPARAGUS SPRAYS and SPRENGERI.....		3.00
FERNS, new Wisconsin.....	1000, \$1.50	
ADIANTUM.....		1.00
GALAX, bronze and green.....	per 1000, \$1.00	

ROSES in lots of 500 or more at the rate of \$20 00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during July and August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

BRISK DEMAND FOR STOCK.

There has been a brisk demand for stock all week which was due principally to the terrible disaster that occurred July 24 when the large lake excursion steamer Eastland capsized in the river and over 1,000 lives were lost. The market took a turn for the better as soon as the news reached the wholesale houses which was about 7:40 a. m., Saturday morning, but the real demand did not set in until the following Sunday and Monday and is still keeping up with the market pretty well cleaned up at this writing, Wednesday, July 28. Stocks of all kinds with the exception of long stemmed American Beauty roses cleaned up well especially gladioli, roses, carnations, asters, peonies and other miscellaneous flowers. While roses sold well the demand was principally for short stemmed stock and when this kind was not available the longer stemmed grades moved at good prices. Gladioli were in brisk demand and cleaned up for the first time this week at anywhere near reasonable prices since the season opened. Asters and carnations sold quickly and stock of all kinds that had accumulated for days was sold and a large supply of stock was received from wholesale houses and growers in other cities who were quick to grasp the situation when they heard of the catastrophe and realized that there would be many funerals and probably not enough stock available in this city to fill the orders. Bodies are still being recovered from the wreck and it is estimated that the total dead will probably reach 1,500 and that it will be several days yet before all of them will be found. A shortage of ferns occurred this week and there were very few obtainable

July 27 on account of a washout on the railroad in the state of Wisconsin where most of the stock is coming from just now. Peonies were hauled from the cold storage rooms by the wagon loads all morning long nearly every day this week, and judging from the large quantities used the storage supply must be practically over. With the market cleaned up as it is now the trade should experience good business for the next two weeks at least. Everyone of the dealers have had a good week on account of the large amount of funeral work and the total sales for the last week in July will be considerably larger than the same week last year in all instances as far as the wholesale houses are concerned.

NOTES.

The capsizing of the excursion steamer Eastland as it was moored to the wharf in the river July 24 when over 1,000 people were drowned, caused a great deal of excitement in the market and many of the employes and employers made a trip to the scene to watch the work of removing the bodies of dead. Joe Erringer of the Zech & Mann store force and his friend, Miss Litman, were on the boat at the time of the accident, but were on the third deck and were rescued and did not even have their clothes wet. Joe rescued at least five people and says that the boat capsized at exactly 7:30 a. m. Frank Schleiden, of the Chas. W. McKellar store force, was also on the boat but managed to get off in time. Miss Eleanor Hahn, with A. Lange, and a party of three friends were on the boat; she was the only one of this party rescued and was pulled out of the river with a rope. George Baum, of the A. L. Randall Co., had a narrow escape also and Mr. Schaeffer, of the E. F. Winterson Co., reports that his wife's niece was among the dead. Several other

people in the trade were also on the boat and it is rumored that several of their friends are still among the missing. Wm. F. Schofield, the North State street florist, donated the use of both his delivery wagon and automobile to help remove the bodies from the river to the undertaking establishments. The loss of lives in the Eastland disaster is much greater than the Iroquois fire and sets a new record for this city which everyone sincerely hopes will not occur again. Peter Reinberg, president of the County board, Wiator Bros., George Reinberg, J. A. Budlong and Pohlmann Bros. Co. offered floral decorations for public funerals in Cicero, July 28, when automobiles called for the flowers in the morning and took them to the offices of the Western Electric Company, where they were distributed under the direction of the committee on arrangements. The west side florists received most of the funeral orders which called mostly for pillows, wreaths and sprays ranging in price from \$3.00 to \$5.00 each.

Joe Einweck, of the Bassett & Washburn store force, has returned from a delightful trip to San Francisco, Calif., where he took in the sights at the time Panama-Pacific exposition. He also visited O. P. Bassett and E. B. Washburn and families at Pasadena and had the pleasure of meeting C. L. Washburn and wife who are visiting them now.

Wm. Vianki and wife, with Holm & Olson, St. Paul, Minn., are visiting friends here this week. They made the trip from Duluth to the city by boat, arriving in time to witness the terrible Eastland tragedy, July 24, when over 1,000 people were drowned as the ill fated excursion boat turned over.

Vaughan's Seed Store is pushing a moss campaign, moving carload lots every week.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. CHICAGO

NICE CROPS OF ROSES

RUSSELL--OPHELIA--RICHMOND

Also choice American Beauty, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$.50 to 75

	Per 100
Richmond.....	
Killarney.....	
White Killarney.....	
My Maryland.....	
Sunburst.....	
Milady.....	
Ophelia.....	
Extra select.....	\$7 00
Select.....	6 00
Medium.....	5 00
Short.....	\$3 00 to 4 00

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection..... \$3.00

Asters.....	\$ 2 00 to \$ 3 00
Carnations.....	1.00 to 3.00
Harrisii.....	10 00 to 12 50
Gladioli.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	25

2,000,000 Feet of Modern Glass

Wietor Bros. are cutting from a nice crop of White Killarney roses which are cleaning up like hot cakes this week owing to the large amount of funeral work that the retail florists are having. N. J. Wietor says that his firm has almost finished housing its carnations and that the field grown plants are looking unusually fine notwithstanding the heavy rains that have been experienced this season.

Frank Stuppy, with the Stuppy Floral Co., of St. Joseph, Mo., stopped off here for a few hours July 26 on his way home having just returned from a delightful fishing trip in northern Wisconsin. Ernest Mueller, of St. Joseph and Chris. Reissacker were with him and brought back a nice supply of Oswego bass which were on exhibition at the Erne & Klingel store.

Tony Einweck of the Poehlmann Bros. Co.'s store force is back on the job after being confined to his home with blood poisoning for a month which resulted from a scratch of a rose thorn while handling stock at the city salesroom.

B. Zima, 3053 West Twenty-second street, used to be a member of the orchestra that furnished the music for the dancing on the excursion steamer Eastland, but resigned last season when he opened a retail store.

H. E. Philpott, of Winnipeg, Can., is spending a few days here this week but will leave shortly to attend the annual convention of the Canadian Horticultural Association, to be held at London, Ont., August 3-5.

Anton Sykora, who has been employed at the Bohemian National cemetery for over 25 years, has bought a range of greenhouses in West Batavia and will grow stock for the local market.

The Kalish Bros. Floral Co., St. Louis, Mo., have such an attractive letterhead that it is causing much fa-

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

F E R N S

BEST AND CHEAPEST

ANY QUANTITY

LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

avorable comment in the local market. The idea is evidently original and is finished in embossed green.

Sinner Bros. are busy benching their carnations now and are almost through with the work. They are cutting a nice supply of Killarney and White Killarney roses.

John Farmer, with Stollery Bros., and wife, leave for the upper peninsula of Michigan next week, where they will spend their vacation.

Kyle & Foerster's store is gradually being fixed up to a queen's taste, especially the large ice-boxes which are painted a beautiful green.

Chas. Richter, who helps out occasionally at Wietor Bros' store is confined to the St. Elizabeth hospital with pneumonia.

Robert Northam is back from his vacation and is again attending to his duties as manager at the George Reinberg store.

Art Rice, with Rice Bros., Minneapolis, Minn., was a visitor this week returning from Kalamazoo, Mich., his boyhood home.

CUT FLOWERS

Every hing Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.

ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Tim Matchen and wife made a trip in their auto to Milwaukee, Wis., July 23, returning here the same evening.

A. E. Hunt, of Evanston, witnessed the Eastland disaster, July 24, which occurred just as he was going to work.

John Michelsen, of the E. C. Amling Co., and family have returned from a pleasant visit at McHenry.

F. Krafelenski, 4601 South Ashland avenue, and Miss Eugenia Dembrowski were married July 21.

Vaughan's Seed Store has cable advices that most of its French bulbs are now afloat.

Johu Furrow, with Furrow & Co., Guthrie, Okla., was a visitor this week.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO

BEAUTIES-ROSES-CARNATIONS

The Percy Jones relay team copped the honors at the Florists' Club picnic last Sunday, July 25, and a large number of other prizes besides. The relay team consisted of Fritz Simons, J. Jonovz, B. Sweitzer, Morris Grossberg and Luke Schrer, who ran in the order named and it is needless to add Manager Van Gelder is well pleased with the showing the speed boys made. Luke Schrer is enjoying his vacation and is visiting friends at Toledo, O., and McHenry.

Peter Reinberg is cutting a good supply of Ophelia and Mrs. Chas. Russell roses which are grown quite extensively at the Reinberg greenhouses this season. Emil Reichling, superintendent of the greenhouses, will have Arthur Weber for company on his trip to San Francisco, Calif., in August.

Wm. Johnson, with A. L. Vaughan & Co., is enjoying his vacation and is greatly missed at the store this week. Mr. Vaughan and family are having a delightful time with their new automobile and spend most of their spare time motoring through the surrounding country.

Mrs. A. Kindler, of the Raedlein Basket Co., has bought a summer cottage at Long Lake, where she and her son Curtis will spend Sunday during the summer months. Her daughter, Mrs. Edna Graser, is also spending the summer there.

George C. Wagner, 3116 Indiana avenue, and wife, will leave July 31 for San Francisco, Calif., where they will take in the sights at the Panama-Pacific exposition and attend the S. A. F. convention, August 17-19.

J. A. Budlong had a very busy week and was fortunate to have a large supply of stock to fill orders with. Double White Killarney is the principal offering at this store and is always in brisk demand.

J. C. Vaughan brought gladiolus cut blooms from his Hazel Crest farm to the Northwestern depot for the Lake Forest Garden club exhibition, Wednesday, July 27, making the auto run in 66 minutes.

Ed. Winterson, who has been threatened with blood poisoning of the leg, is progressing favorably, but his proposed visit to the Pacific coast is now unlikely on account of his mother's feeble health.

Otto W. Frese says that trade was unusually brisk at Poehlmann Bros. Co.'s store this week on account of the Eastland disaster and that stock cleaned up completely in practically all lines.

Miss Marie Thielmann and her cousin, Emily Deffner, are making a summer vacation trip to Washington, Baltimore, New York and Niagara Falls, leaving July 27.

James Psenicka is busy planting carnations at his greenhouses in Wilmette and is well along with the work, although he did not start as early as last year.

The North Side Ladies' Garden Club were guests of Vaughan's Greenhouses and Nurseries, Friday July 23.

Joseph Ziska, Jr., and J. Kolar, Jr., autoed to Starved Rock this week and

SUMMER ROSES

Large supply of choice stock in all the leading varieties including Mrs. Chas. Russell and Ophelia.

EVERYTHING ELSE IN CUT FLOWERS AND GREENS

Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

report having had a most delightful time.

Phillip L. McKee, of the John C. Moninger Co., with wife and daughter, is in Michigan on a brief vacation.

W. Sullivan, of the Woodlawn Floral Shop, has been confined to his home for several days with a sore throat.

The John Kruchten Co. is showing a good supply of magnificent Mrs. Chas. Russell and Ophelia roses.

A. F. Keenan, East Sixty-third street, is well pleased with his new Overland delivery car.

The Chicago Florists' Club will meet at the Hotel Bismarck next Thursday, August 5, at 8 p. m.

Miss Grages, of the Zech & Mann office force, is spending her vacation at Beachey.

D. S. Musser, with Miller & Musser, has returned from an Indiana business trip.

Visitors: J. L. Denmead, Marshalltown, Ia., J. Bergstrom, Wadsworth, Wis., T. J. Elsperrmann, Evansville, Ind.; A. C. Fox, Cleveland, O.

Montreal.

STOCK IN GOOD DEMAND.

Trade last week was quiet, but Saturday made up for it and everything was cleared out. Excursionists used large quantities of flowers, and there also was an extra demand for funeral designs. There was quite a demand for pot plants. Palms are already scarce, but ferns will soon be plentiful as growers are already potting benched stock. Some very nice hydrangeas are offered on the markets. Sweet peas are plentiful and find a ready sale, but the quality is only medium. Asters are appearing, but the early varieties will be a failure as 75 per cent are gone with stem rot; the rest are affected with it and will produce no first class flowers. The late varieties are looking fine but are not past the danger of the same trouble. Outdoor roses have been splendid, also ramblers. A big demand has been noted for them, many being used for display owing to their showiness. Fruit trees are bearing sparsely this

year, the frosts of May having caused more damage than was expected at first. Vegetables are splendid. The weather has been favorable for these crops—abundance of rain with reasonably cool nights and warm days.

NOTES.

The Montreal Gardeners' and Florists' Club annual picnic was held at Chambly Canton, July 21. The attendance was about the usual number. The games were keenly contested. The principal winners were—Ladies Section: Mrs. Miles, Mrs. Luck, Miss Horobin. Members' Events: E. Hayward, J. Murray, J. Luck, J. Tully, Tug of war was won by the team, captained by A. C. Wilshire. Geo. Pascoe won first honors in the fishing contest, making the first and the biggest catch.

Montreal florists are preparing for a trip to London, Ont., August 3-5. As far as known, about a dozen intend to go. A special car is chartered for the trip, and all intending to join should apply to the Secretary, Julius Luck, who has arrangements in hand. The delegation will leave Montreal, August 2 at 11 p. m., via Grand Trunk Ry. Entries will close Monday, August 2, 1 p. m.

S. S. Bain shows a valuable line in jardinières of artistic workmanship. Business with him is just slightly less than last year. D. Bain is on a three weeks vacation.

J. L.

SAN FRANCISCO, CALIF.—Chas. H. Baker has disposed of his store at 1074 Valencia street and retired from business.

WILKESBARRE, PA.—Ira G. Marvin, in bankruptcy, has applied for release and a hearing in the matter will be held at Scranton, August 23 at 10 a. m.

LONDON, ONT.—The programme for the annual convention of the Canadian Horticultural Association to be held in this city August 3-5 is ready for distribution. Inquiries should be addressed to the secretary, Louis Luck, 1018 Queen Mary road, Montreal.

ROSE BUYERS

are steadily realizing that there is only one white rose on the market in summer that gives satisfaction and that particular variety is

Budlong's Double White Killarney

which has several strong features, viz: Full flower, heavy foliage, better keeper and shipper and last but not least, it is whiter than the common strain of White Killarney.

HY-GRADE BLUE RIBBON VALLEY HARRISII--GLADIOLI--ASTERS--SMILAX

Besides anything and everything that the market affords in Cut Flowers and Greens.

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

St. Louis Park Men Visit Chicago.

Seventeen members of the St. Louis Park Department Association visited Chicago this week, arriving Sunday morning, July 25, for the purpose of inspecting the various parks, playgrounds, boulevards, etc., returning home the following Wednesday evening. The party visited Lincoln Park first and then Garfield Park where Superintendent Theo. Koch escorted them about. J. R. Richards, superintendent of play grounds of the south park system, also devoted considerable of his time in showing the party about the city and furnished an automobile for the ladies who were in the party. After visiting all the parks and playgrounds a visit was made to Pochlmann Bros. Co.'s greenhouses at Morton Grove, where Tony Gabel acted as guide and Plants A, B, and C were inspected. Wednesday was a day set aside for the members to do as they liked and the majority of them spent the day touring the business district of the city and inspecting the excursion steamer Eastland, which capsized in the river July 24 when over 1,000 lives were lost. Ernest Strehle, general superintendent of the St. Louis parks and wife, headed the delegation and others in the party included Louis Kittlaus, director of Fairground playgrounds, and wife; John Moritz and wife, overseer of greenhouses, Simon Zeitler and wife, superintendent of Carondelet park; Hugo Schaff, superintendent of public school grounds; Peter Magda, superintendent of Souland Place; Henry Ramke, superintendent of Flora boulevard; Martin Kumaus, superintendent of Forest Park boulevard; John Kostner, superintendent of Buder Memorial playgrounds; Wm. King, superintendent of Yeatman square; John Johnson, superintendent of Gravois park; Tom Smith, superintendent of Carr square; Henry Stocke, superintendent of Folten park; George Robertson, captain of park guards; Chas. Mueheldorfer, George Dubiztke, both head gardeners at the parks and John Sullivan, head gardener at the city sanitarium. The party made the trip in a special car over the Chicago & Alton railroad and stopped at the Hotel Bismarck while they were in

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

the city. Ernest Strehle who acted as spokesman for the party and Louis Kittlaus, president of the association, spoke in glowing terms of the treatment they received while they were in the city and say that they hope the local park men will attend the convention of the American Society of Park Superintendents at St. Louis in 1916, providing that city is successful in inducing the members to select that city as the next meeting place. The St. Louis Park Department Association has about 300 members and the officers are: Louis Kittlaus, president; Joe Piesch, vice-president; Herman Hass, secretary; Hugo M. Schaff, corresponding secretary, John Moritz, treasurer and Richard Hirschberg, sergeant-at-arms.

LEBANON, PA.—In addition to other improvements, J. F. Vavrou & Sons will erect two new houses.

Milwaukee Florists' Club Picnic.

The Milwaukee Florists' Club will hold its annual basket picnic next Sunday, August 1, at Keipper's Park, when all members, employes and friends are cordially invited to attend. There will be something doing every minute of the day with games and valuable prizes for the ladies, gentlemen and children. To reach the picnic grounds take a Milwaukee Northern car at Fifth and Wells street. Remember the day, next Sunday, August 1. The committee guarantees everyone a good time and expects to find everyone connected with the club present.

KALAMAZOO, MICH.—Garry DeGraft, West Main street florist, is reported to have filed a petition in bankruptcy, with liabilities in excess of \$1,000. It is expected that a settlement will be made and business resumed.

LARGE SUPPLY SUMMER BEAUTIES

ROSES--LILIES--PEONIES
CARNATIONS--VALLEY--ORCHIDS--GLADIOLI

Finest Obtainable

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

Minneapolis, Minn.

SUPPLY ERRATIC BUT DEMAND FAIR.

The market the past week has been somewhat on the "feast and famine" order. Some-days some stocks were not to be had or in very short supply, and the next day the receipts would be so large that it could not be moved. Roses have been having a good demand and have all been cleaning up nicely, with sweet peas and gladioli next in popularity. Asters are coming in fine and bring from two to four cents. Roses range in price from three to ten cents, and American Beauties are scarce and hard to get, bringing from \$2 to \$4 a dozen. Carnations are quoted at from 75 cents to \$2 per hundred and are of fine quality for this time of the year. Shasta daisies sell slow at 50 cents per 100, gaillardias are quoted at 50 cents per 100, sweet peas range from 10 cents to 25 cents and gladioli are priced from \$1 to \$3 per 100. Lilies are in good supply at prices from 6 to 8 cents.

NOTES.

Managers Desmond and Holm report that the picnic was a financial as well as a big social success. The expenses were \$350, the donations from the trade were St. Paul, \$100; Minneapolis, \$102 and the balance was made up from the sale of tickets, returns from which have as yet not been reported complete.

The accidental discharge of a rifle which J. McMullen and Peter Herzog were cleaning at Will Bros., July 19, resulted in McMullen being sent to the city hospital with a wound in his neck. His condition is reported to be serious. The gun was not loaded—supposedly.

A. L. Randall Co., Chicago, has a very attractive display of its line of baskets and novelties on display at the Radisson hotel. Mr. Metcalf, the firm's representative, reports trade good with liberal orders.

Wm. Vasatka, foreman at the Donaldson Greenhouses returned from the picnic in time to welcome a young lady who had come to stay. Mother and daughter are doing nicely. Cigars at the greenhouses.

Arthur S. Rice of Rice Bros. left for Chicago, en route to Kalamazoo, Mich., where he will visit his mother. He will also visit Detroit and a number of lake resorts before returning.

Lawrence Mathes of the Shotwell Floral Co., Fargo, N. D., spent a few days in this city visiting old friends

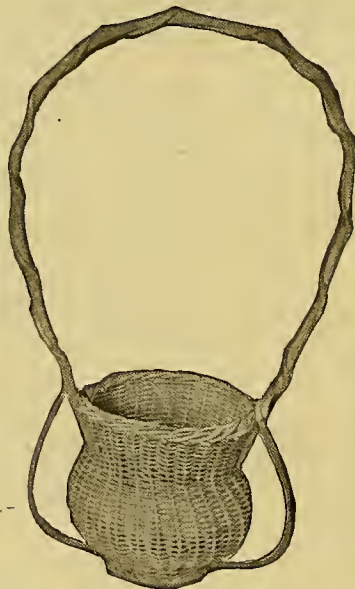
BASKET BARGAIN

ASSORTMENT

25

Small Cut Flower Baskets
Including Liners

\$7.50



This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

and making new ones on his way to Chicago.

Owing to the terrible disaster to the Steamship Eastland at Chicago, Oscar Amundson and wife have abandoned their lake trip.

L. S. Donaldson Co. are putting out some fine Boston ferns which sell well. They have several houses of them for this fall's trade.

The corner of Sixth street, South, and Marquette avenue has been leased by Bosalis & Pappas for a flower and candy store.

Minneapolis Floral Co. is putting in a house of fancy crotons from which Manager Anderson expects great things.

S. A. Farmer is bringing in some extra fine quality Shasta daisies which find ready market at \$1 per 100.

Mrs. Wilson has severed her connection with the floral department of Dayton's department store.

Oscar Amundson has a large cut of sweet peas in a variety of colors which find ready sale.

Robert Latham is cutting some very fine Gladiolus America at his Minnetonka range.

It is rumored that several new flower stores are to be opened in this city this fall.

Mrs. Monson of the Minneapolis Floral Co., has purchased a new touring car.

Theo. Nagel has some fine auratum lilies with 8 to 12 flowers on a stem.

Visitor: Sidney Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia, Pa.

T. C. R.

COLLEGE STATION, TEX.—N. M. McGinnis, formerly professor of horticulture at the College of Industrial Arts at Denton, Tex., will be associate professor of horticulture at the A. & M. College this year.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago
Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Oklahoma City.

FUNERAL CAUSES TREMENDOUS DEMAND.

The death and interment of a well known '89'er caused a tremendously large demand for funeral designs and sprays this week. Florists say that there were more flowers used for this funeral than had ever before been used for a similar occasion in this city. Business ordinarily is very quiet, though not more so than is usual for July.

NOTES.

Mrs. Eager, of Furrow & Co., has gone north for a six weeks' vacation. Mrs. Eager will visit Chicago, New York and Philadelphia, and will make a stay at Chautauqua Lake, N. Y.

It begins to look as though there will be no delegates to the S. A. F. convention from this city; we have yet to locate a single florist who has definitely decided on making the trip.

Fred Pfaff, a florist at Anadarko, Okla., will build a range of greenhouses this summer.

Visitors: A. Gardiner, Magnum, Okla.; Fred Pfaff, Anadarko, Okla. S. S. B.

MUNCIE, IND.—Carnes' Greenhouses, South Jefferson street, have been leased by Wm. M. Treffenger, who will conduct them under the name of Southside Greenhouses.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials.....	\$3 00
" " 36-in.....	2 50
" " 30-in.....	2 00
" " 24 in.....	1 50
" " 20-in.....	1 00
" " 15-in.....	75
" " 12-in.....	50
" Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas.... per doz., 4 00@ 6 00	
Gardenias.... per doz., 3 00@ 4 00	
Gladioli.....	2 00@ 8 00
Lilium Harrisii.....	10 00@12 50
Peonies.....	2 00@ 8 00
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 4 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	1 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.... per 1000, 5 00@6 00	
Plumosa Stringa..each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprenger, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 35c per lb.	

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

George Reinberg Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

The Retail Florists' Co.

Suite 510, 56 E. Randolph St.,
CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave.,

CHICAGO

Mention the American Florist when writing

WEILAND & RISCH
GROWERS AND SHIPPERS
CUT FLOWERS
IMMEDIATE DELIVERIES
154 NO. WABASH AVE.
CHICAGO
PHONE CENTRAL 879

FIELD GROWN CARNATION PLANTS

PINK			PINK			WHITE			RED		
	100	1000		100	1000		100	1000		100	1000
Mrs. C. W. Ward.....	\$7.00	\$60.00	Winsor.....	\$7.00	\$60.00	Matchless.....	\$9.00	\$80.00	Champion.....	\$8.00	\$70.00
R. P. Enchantress.....	6.00	55.00	Peerless.....	8.00	70.00	Enchantress.....	8.00	70.00	Beacon.....	7.50	65.00
L. P. Enchantress.....	6.00	55.00	Gorgeous.....	7.00	60.00	Perfection.....	7.00	60.00	Victory.....	7.00	60.00
Enchantress Supreme	8.00	75.00	Philadelphia.....	7.00	65.00	White Wonder.....	7.00	60.00	Comfort.....	7.00	50.00
Dorothy Gordon.....	7.00	60.00				Alma Ward.....	7.00	60.00	Commodore.....	7.00	60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GLADIOLI IN ENORMOUS SUPPLY.

The city is ablaze with gladioli; never so many at one time before nor so fine, and we are obliged to say—not so low priced. The very best sell for \$2 per hundred, while \$1 will buy stock good enough for any store. In quantity lots, \$5 a thousand bought about the choice of the market and a grade only slightly lower, perfectly fresh, went for \$3 per thousand. This looks like a 50-50 partnership with the express companies. American Beauty roses are now leaders, being of good quality and very low in price. Several large growers are offering new crop flowers, while the eastern shipments are more than enough for the demand. Good white roses are scarce, and all the other standard summer favorites appear at present to be off crop or not up to the mark of a week ago. For some reason the outside asters are not doing well, several good growers complaining that the outlook was not promising. Too much rain is said to have blighted them in some way. Double White petunias were considered a good summer crop, but this season there are very few offered. Easter lilies find buyers enough to keep the surplus from becoming too large. Cattleyas move slowly at low prices, while the call for lily of the valley is about normal for the season.

NOTES.

The glazing of the large houses at the Florex Gardens, North Wales, Pa., that suffered from a recent hail storm is about completed. The loss is something less than \$1,000; no insurance. The company thinks it as cheap to insure themselves. Although the roofs are of such vast expanse, they find little difficulty in repair work. Several of their young men put on rubber soled shoes and crawl over the houses with apparent ease, finding enough support for their hands and feet, without resorting to staging. The rose stock here looks very good.

Robert Craig is proud of his Norwood beauties, particularly the crotons and dracaenas; they are all wonderfully well colored and vigorous. The best varieties are seen in quantity, Mr. Craig having great faith in the future. Cyclamen is another specialty which is doing wonderfully well. The John Wanamaker fern, now being sent out, is a sterling novelty and looks like a winner.

Samuel Lilly says, immediately the European war is over, he will erect another house 35x250 feet to be planted to carnations. Both of his large houses now up, will be planted with carnations. The varieties are Enchantress, white and pink; Mrs. Ward, pink, and Beacon. His stock the past season was fine.

The herbaceous phlox fields at the H. A. Dreer, Inc., nurseries at Riverton are a blaze of color. This collection is wonderful in variety. Dahlias and cannas, acres and acres of them, have made a great growth with the favorable weather and will soon be in full flower.

We are glad to have W. H. Taplin with us once more, as his coming to Riverton with Henry A. Dreer, Inc.,

Wholesale Flower Markets

BOSTON, July 28.

	Per 100
Roses, Beauty.....	2 00@20 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@ 5 00
" Double White Killarney.....	1 00@ 6 00
" Killarney Brilliant.....	1 00@ 8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@ 8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburat.....	1 00@ 8 00
" Taft.....	1 00@ 8 00
" Milady.....	1 00@ 8 00
" Ward and Hilliogdon.....	1 00@ 6 00
" My Maryland.....	50@ 5 00
Cattleyas.....	16 00@25 00
Lily of the Valley.....	3 00@ 4 00
Sweet Peas.....	50@ 1 00
Carnations.....	50@ 1 00
select.....	1 50@ 2 00

BUFFALO, July 28.

	Per 100
Roses, Beauty, special.....	20 00@25 00
" fancy.....	15 00@20 00
" extra.....	10 00@12 00
" No. 1.....	6 00@10 00
" No. 2.....	2 00@ 3 00
" Killarney.....	3 00@ 6 00
" White Killarney.....	3 00@ 6 00
" My Maryland.....	3 00@ 6 00
" Killarney Queen.....	3 00@ 6 00
" Richmond.....	3 00@ 6 00
" Sunburst.....	3 00@ 6 00
" Ward.....	3 00@ 5 00
" Taft.....	3 00@ 7 00
Lily of the Valley.....	4 00
Lilies.....	8 00@10 00
Calla Lilies.....	7 00@10 00
Cattleyas.....	40 00@50 00
Carnations.....	1 00@ 1 50
Daisies.....	1 00@ 1 50
Snappdragons.....	3 00@ 5 00
Mignonette.....	1 00@ 2 00
Peas.....	50@ 1 00
Gig. Lilies.....	5 00@10 00
Peas (outdoor).....	bunch, 5c@10c
Gladioli.....	2 00@ 3 00
Asparagus Sprengeri.....	35@ 50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, July 28.

	Per doz.	\$0 75@ \$3 00
Roses, Beauty.....	per doz.	\$0 75@ \$3 00
" Killarney.....	1 00@ 6 00	
" My Maryland.....	1 00@ 6 00	
" Richmond.....	1 00@ 6 00	
" Taft.....	1 00@ 6 00	
Lily of the Valley.....	3 00@ 4 00	
Lilium Gigantum.....	3 00@ 4 00	
Asparagus Plumosus.....	per bch., 25c	4 00@ 8 00
Orchids, per doz.....	per bch., 25c	3 00
Gladioli.....	1 00@ 3 00	
Snappdragons.....	2 00@ 3 00	

St. Louis, July 28.

	Per 100
Roses, Beauty, medium.....	8 00@15 00
short stems.....	4 00@ 6 00
" Killarney.....	2 00@ 5 00
" White Killarney.....	2 00@ 4 00
" Aaron Ward.....	2 00@ 4 00
" Sunburat.....	2 00@ 5 00
" Ophelia.....	4 00@ 8 00
" Radiance.....	4 00@ 5 00
Valley.....	3 00@ 4 00
Carnations.....	1 00
Orchids.....	35 00
Asparagus Sprengeri.....	per hu., 25@50
Asparagus Plumosus.....	per hu., 25@60
Harrisii.....	6 00
Sweet Peas.....	20@ 40
Gladioli.....	1 00@ 2 00
Ferns.....	per 1000, 1 50

will insure his attendance at the club. There are few men better versed in the business than Mr. Taplin.

Handling gladioli has kept Berger Brothers busy the past week; the stock is high grade. Choice lily of the valley is also a feature.

New crop American Beauty roses are a feature with the Leo Niessen Co. They are two weeks ahead of last season.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th, we will be closed all day Sundays until further notice.

McCALLUM CO.

Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Edward Reid has just returned from a short trip south, where business is reported good for the season.
K.

PORTLAND, ME.—W. T. & H. T. Sawyer are adding one house, 24 by 60 feet, to their establishment.

SAN FRANCISCO, CALIF.—Hogan & Kooyman have dissolved partnership, the stores in this city and Oakland to be operated independently in the future. G. E. Hogan and Albert E. Evers will take over the retail business in Oakland and C. Kooyman becomes sole owner of the wholesale business in this city. Both establishments will operate under new firm names to be announced shortly.

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00

C. S. & CO.
NEW YORK

1000 Pips, \$15.00
2500 " 35.00 **\$7.95** Case of 500 Pips

LILY OF THE VALLEY PIPS.

CHAS. SCHWAKE & CO., Inc.

90-92 West Broadway.

NEW YORK

New York.

MARKET CONDITIONS SHOW IMPROVEMENT.

Although the market has been quiet during the past week there was less talk of a surplus than formerly. Saturday, July 24, there was nearer to a scarcity of good stock than had been seen for some time. There had been a falling off in the supply of cattleya orchids and we believe there were several sales of C. gigas that came near the dollar mark. All good roses, including American Beauties were rather scarce. In many ranges a considerable amount of stock has been cut back and dried off and at the best this is not the time of year to expect many good roses. The gladioli and asters are now prominent features on the market and some very good stock of both has been noted. The asters are now saleable and useful as the carnations are out, Lilies and lily of the valley remain at about the same figures.

July 26.—The market has opened under fair conditions, for the season. There is no surplus of orchids or roses and the tendency is upward, for the best stock, American Beauties, special, being \$25 per 100, with \$30 in some instances as an asking price. Cattleya gigas are worth \$40 and \$50 per 100 with a prospect of higher prices. Gladioli, asters and sweet peas are plentiful and cheap.

NOTES.

It should interest florists who want a supply of azaleas to learn that John Wanamaker, of Philadelphia, suggests that we purchase Belgium. Then comes the New York Globe and suggests that we exchange Pennsylvania for Belgium! The Globe suggests that the rule of the Kaiser would not be much worse for Pennsylvania than the domination of the trusts. Now, what do you think about that?

William N. Reed, of Reed & Keller, dealers in florists' supplies, leaves July 31 for London, Ontario, to attend the exposition of the Canadian Horticultural Association, August 3-5. His firm will make a fine exhibit of their wares. Mrs. Reed will accompany him and after the exposition they will make an extended tour of Canada.

F. Weaver, a designer and decorator, who for the past 18 months has been working in the middle west, has returned to this city and resumed his old position with Blaidel's Sons, Ninth avenue and 23d street. He was for a time with John Breitmeyer's Sons, Detroit, Mich.

Paul Meconi, Frank Grumbaeh of Jamaica, and others, recently returned from an automobile trip through the mountains of New Hampshire and Vermont and are talking about the bears and other wild animals—which they did not see.

Walter R. Siebrecht Co., Inc., were fortunate during the past week, in having a good supply of orchids which sold well. Walter R. Siebrecht is on a vacation at Lake George and the store is being ably managed by Tomaso Jacobs.

We have received a card from Secretary John Young, of the S. A. F., who is in San Francisco in which he says: "Best wishes. Pretty good state (California) and some exposition. 'Get me?'"

Thomas Martin who began to work for Traendly & Schenck when he wore

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

knickerbockers and has worked up to a leading position as a salesman, has gone to the mountains on his vacation.

Alex. M. Westwood, the Pennsylvania Terminal florist, is entertaining his brother, E. B. Westwood, of Toronto, Canada, whom he had not seen for 18 years.

We learn that the Jacobson Floral Co. is pushing work on its new range at Springfield, N. J. The head of this company is well known in this city.

Peter F. McKenney, Fifth avenue and 42d street, is not worrying about "summer dullness" as he has been very busy of late with funeral work.

John Egenbrod of Badgley, Riedel & Meyer's staff has gone on a three weeks' vacation, part of which he will spend with friends in Ohio.

P. F. Kessler, of the Coogan building, has gone for a long vacation; in his absence, Victor Alzen is conducting the business.

Celeste Burque, buyer for C. A. Dards, has gone for a month's vacation to White Lake, Sullivan county, N. Y.

R. E. Blair, bookkeeper at Vaughan's Seed Store, is the happy father of a ten-pound son.

At the store of A. L. Young & Co., Inc., we have recently noted exceptionally fine asters.

Gladioli are now reaching the market from the Flowerfield farm of John Lewis Childs, Inc.

J. K. Allen is receiving very fine stock of gladioli. A. F. F.

Pittsburgh.

BUSINESS ON PAR WITH 1914 MID-SUMMER

The market remains practically unchanged since the last writing, with over-supplies of everything and very little business to speak of. Trade, however, compares very favorably, we might say a little better, with this time last year. Prices on everything, of course are on a rock bottom scale, and a normal amount of funeral work is about all that can be depended upon to keep things moving. There still remains a very heavy glut on gladioli, and it is really hard to dispose of the choicest varieties for prices that will pay the grower for his bulbs. It seems that everyone with a spare plot of ground is found growing thousands of them, most of which make a hurried exit to the rubbish pile.

Some excellent early asters can be had as low as \$1 and \$1.50 per 100, which are the only flowers that have much call these days. Owing to the inclement weather we experienced during the earlier part of the year, the aster season is somewhat behind time this year. Lilies are in by the thousands, and find rough treatment in the way of decent sales. Outdoor sweet peas have had a poor season, and the quality of them has been poor. Practically all the outside garden flowers have had a bad season, and the supply of green goods has been over-



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

abundant. The vacation season is on in full swing and cards bearing the familiar, "Having a fine time," are arriving by the scores daily from the boys away on their trips.

NOTES.

George McCallum spent the past week on a visit to Buffalo and the cooler lake regions, with Stanley Pierce, who has accepted a position with the McCallum Co., as salesman.

Otto Loeffler, of the McCallum Co. is confined to his home in a critical condition, suffering from a general breakdown in health.

The Pittsburgh Cut Flower Co. is cutting some excellent Killarney roses at Bakerstown. Their carnations are also very good.

John Harris is spending a three weeks' vacation on a lake trip, visiting Cleveland, Detroit, Mt. Clemens and Buffalo.

David Hill has just returned from a vacation trip to Washington, Philadelphia, Atlantic City and other eastern points.

Visitors: Milton Alexander, of Lion & Co., New York; M. Ransfelder, of Knickerbocker Ribbon Co., New York. G. M.

PHILADELPHIA, PA.—H. A. Miller will erect a greenhouse 22x86 feet at Chew street and Washington lane, to cost \$750.

OFFICIAL S. A. F. Shipping Labels

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and lead adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones { 1664 | Madison Square, 34 W. 28th St., New York
 { 1665 | Square, Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Mention the American Florist when writing

Paul Meconi

Wholesale Florist

55-57 West 26th Street
 NEW YORK CITY

Telephone: 3864 Madison Square.

Mention the American Florist when writing

Cincinnati.

DEMAND WEAK AND PRICES LOW.

There is plenty of stock in the market, and good stock too, but there is not enough business to take up more than a part of the offerings. Prices are very low. Last week's business, and that of the first days of this week, was very slow. Roses are plentiful, the outdoor varieties being about the only ones that are finding any kind of a ready sale. The gladioli market is very weak. The supply has been very heavy, while the demand for them has been able to take up only a limited part of the offerings. Lilies including Easter lilies, auratum and rubrum are plentiful. Asters are now coming in very strong. Most of them are excellent in quality, but are not meeting with a very good market. Other offerings include some very fine hardy hydrangeas from the south, snapdragons and carnations. Green goods are plentiful.

NOTES.

The outing of the florists July 21 at Coney Island proved a very successful affair. P. Jackson took first in the bowling with a score of 218, with C. E. Critchell, second. The team captained by Chas. Windram won the baseball game by the close score of 2-1. In the evening many little dinner parties were in evidence at the club house.

Cincinnatians who have signified their intention of attending the S. A. F. convention, San Francisco, Calif., August 17-19, are J. A. Peterson and wife, Miss Ada Kresken and Lawrence Kresken.

C. E. Critchell has been having some very fine double hardy hydrangeas from the south.

Miss Bertha Stoelting of C. E. Critchell's force is on her vacation.

Visitors: Mrs. Floyd Anderson and Mrs. Geo. Lampert, Xenia, Ohio; Wm. Rogers and son, Dayton, Ohio; Sydney Bayersdorfer, representing H. Bayersdorfer & Co., Philadelphia, Pa.; Martin Weber, Brookville, Ind., and Fred Rupp, Lawrenceberg, Ind. H.

NELSON, B. C.—The rose show held here July 1 was a great success, the number of entries being almost double those of a year ago. Frau Karl Druschki, Mrs. John Lang and Gen. Jacqueminot were among the familiar varieties that made strong exhibits.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK
 Tel. 606 and 609 Madison Square
 CONSIGNMENTS SOLICITED

Wholesale Flower Markets

	NEW YORK, July 28.	Per 100
Roses, Beauty, special.....	20	00@25 00
" " extra and fancy....	10	00@15 00
" " No. 1 and No. 2....	3	00@ 6 00
" Alice Stanley.....	1	00@ 6 00
" Prince d'Arenberg, special.	4	00@ 5 00
" Francis Scott Key, special.		6 00
" Mrs. Geo. Sawyer, special	4	00@ 5 00
" " extra.....	3	00@ 4 00
" " No. 1 & No. 2	1	00@ 2 00
" White Killarney, special...		6 00
" Killarney, My Maryland....		6 00
" " special.....	4	00@ 6 00
" " No. 1 and No. 2.	1	00@ 2 00
" " Queen.....	1	00@ 6 00
" " Brilliant.....	1	00@ 6 00
" Aaron Ward.....	1	00@ 6 00
" Richmond.....	1	00@ 5 00
" Sunburst.....	1	00@ 6 00
" Taft.....	50	@ 5 00
" Milady.....	1	00@ 4 00
" J. L. Mock.....	1	00@ 6 00
" Hadley.....	1	00@ 8 00
" Ophelia.....	1	00@ 5 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Hoosier Beauty.....	1	00@ 6 00
Cattleya Orchids, special.....	40	00@50 00
" " inferior grades.	20	00@25 00
Lilies, Longiflorum and Harrisii..	2	50@ 3 00
Lily of the Valley.....	2	50@ 3 00
Asters.....	50	@ 1 00
Adiantum Creweanum and		
Hybridum.....	50	@ 75
Aparagus Plumosus...doz. bchs.	1	50@ 2 50
Smilax.....doz. strings.		50
Sweet Peas, per doz. bunches.	25c@35c	
Gladiolus.....per doz.,	10c@15c	
America.....	25c	

United Cut Flower Co., Inc.

WHOLESALE

111 W. 28th St., New York City
NOW IS THE TIME

To Ship Your Consignments
 GEORGE J. POLYRRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK
 Phone 896 and 897 Madison Square.

20 Years' Experience.

Mention the American Florist when writing

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
 436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers. Consignments solicited.

Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Rosas a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade, at Wholesale.

TELEPHONES MADISON SQUARE 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET
 NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing



Mention the American Florist when writing

Springfield, O.

TRADE HAS HAD SPLENDID SEASON.

The season just closed has been a very satisfactory one to the plantmen of this city. Many of the large growers report the best six months in their histories, some say that business was about as usual, and the pessimistic can only claim a falling off of 10 per cent. The houses generally were empty about three weeks ago, and are just now beginning to fill up with the fall stock.

NOTES.

Several local florists have left here for their summer vacations. J. M. Good and F. E. Good, of the Good & Reese Company; Roger Murphey, of R. H. Murphey & Sons, Urbana, Ohio, and Will Reeser, of the Urbana Floral Company, with their wives and families, left July 19 for Michigan, where they have a regular summer colony. The several members of the camp have built cottages for themselves and the colony has built extensive boat houses which are used for general assembly rooms. Fishing is the chief pursuit of the florists in this crowd. They will be joined, about August 1, by Opha Jackson, of the American Rose & Plant Company.

Building operations are general among the local florists. The Leedle Rosary has increased its capacity by about 25 per cent by adding three iron frame houses. They conform, in design, to the other fine houses of this company and will be devoted, as is the rest of the range, to growing roses for cut blooms. This company is making a radical change in its heating system by installing a vacuum system to their steam plant. When completed the company will be able to heat all of its houses, including the new ones, with one boiler, where it formerly took two boilers to take care of the place in cold weather.

The Good & Reese Company is the victim of more than its share of city improvements. On Limestone street, the city has paved and is now putting in cement sidewalks. It seems that the present survey shows that the west house of this company extended about two feet on the sidewalk line. As a result the company has had to tear down its last range facing on that street and rebuild. On the Clifton avenue side of this company's property, the city has ordered in cement sidewalks, curbing and gutters, which forces this company to pay for over 1,100 feet of this kind of improvement.

The heavy rains of the past few weeks have done but little damage in this city. The heaviest sufferer was the Good & Welsh peony farm, which had about four feet of water over all of its low lands. The iris and cannas were damaged considerably. Many of the fields where florists' stock was growing were washed, but not seriously enough to damage any of the crops.

The Ridgewood addition to this city, by going through the property of John A. Doyle, has brought much of his land into an extremely valuable residence district. The main street of the addition, North Fountain avenue, took a corner off of his east house. Mr. Doyle tore the house down completely.

The American Rose & Plant Company has abandoned its idea of adding to its present glass area because of the impossibility of getting sewerage connections to the place. Instead of sewer, which the company wants, it is getting sidewalks, curbs and gutters, which it does not want.

The florists' club held its regular meeting at the office of the Good & Reese Company and transacted routine business. There seemed to be no interest in a special picnic, and none will be held this year.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

1333 W. 35th St., CHICAGO, ILL.

Morgan Swope, sales manager of the Reeser Plant Company is on a trip to Louisville and other Ohio river points, booking orders for vinca and geraniums for September and October delivery.

Charles Unglaub is building two new houses to increase his space for growing carnations for the bloom. He has practically all of the local trade in carnations and is shipping in quantity.

Charles W. Schmidt of the Schmidt & Botley Company has gone into camp at the company farm, south of the city, where he has a good time and keeps an eye on the out-of-doors stock.

C. A. Schaefer of the Reeser Plant Company has just returned from a two weeks' fishing trip to southern Michigan. He reports a fine time and excellent fishing.

The Reeser Plant Company is adding one new house this year to take care of its Jerusalem cherry crop.

A. T.

Columbus, O.

HOME GROWN FLOWERS ABUNDANT.

Home-grown flowers are in such abundance, as a result of the phenomenally favorable season, as to reduce greenhouse trade below even the usual low mark incident to midsummer. Hospital business, ordinarily one of the mainstays at this time of year, is largely affected by this kind of competition. All reasonable flowers are more than plentiful. The market is flooded with gladioli, growing appears to have been overdone this season, and it is estimated that there is three times the acreage here this year than there was last. Prices are being held up to \$1 per dozen, but the demand is not strong. Asters are making their appearance, several weeks ahead of time and are bringing from 50 to 75 cents per dozen. Funeral work appears to be absorbing cold storage Easter lily stock quite satisfactorily.

NOTES.

It is not every florist that has someone set down a million dollar hotel next door to his location. That is what is happening to Graff Brothers. The new Deshler, at Broad and High streets, is now in the steel skeleton stage, and will not be finished for about a year. While this will add large value to the Graff Brothers store,

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING.

Write us for our sample folders, cuts and slides for advertising:

- Mothers' Day
- Spring Planting
- Memorial Day
- Social Occasions
- Fall Planting
- Fall Announcement
- Thanksgiving
- Christmas
- St. Valentine's Day
- Easter

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for RETAIL FLORISTS.

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

MCNEFF - SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

It is getting too late for Huckleberry Folisge, we suggest

Lyrata (Evergreen Oak) \$2.50 per case

- Fancy Ferns..... per 1000, \$1.25
- Dagger Ferns..... per 1000, 1.00
- Natural Moss..... per bag, 1.75
- Perpetuated Moss..... per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

LYRATA \$2.50 Per Case

- Fancy Ferns..... \$1 25 per 1000
- Dagger Ferns..... 1 00 per 1000
- Natural Moss..... 1 75 per Bag
- Perpetuated Moss..... 3 50 per Bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA

GALAX -- LEUCOTHOE

Green Galax..... 40c per 1000
\$4.00 per case of 10,000.

Leucothoe, standard size, \$2.50 per 1000.

Let us have a trial order.

MT. MITCHELL DECORATIVE EVERGREEN CO., MARION, N. C.

Prepared Magnolia Leaves

Green, Brown, Red and Purple

\$1.00 carton (approximately 1000 leaves)

l. o. b. Evergreen

KNUD NIELSEN, EVERGREEN, ALA.

the muss of the construction is just now having the opposite effect.

The Livingston Seed Company is displaying in its windows, a large number of photographs of residences and gardens, showing effects in hardy vines and shrubbery, together with placards urging planting.

F. M. Brownwell, who has charge of the cut flower department at the Livingston Seed Company store, will leave August 1 for a two weeks' vacation at his old home in northwestern Ohio.

H. K. Wilson, of the Wilson Seed Store, is on an automobile trip to Henderson Harbor, N. Y., accompanied by Mrs. Wilson. They will return the latter part of August. J.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND PORTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sta.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

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DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Ad. ref. 4, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

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Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

Mention the American Florist when writing

For Wisconsin Delivery

OF

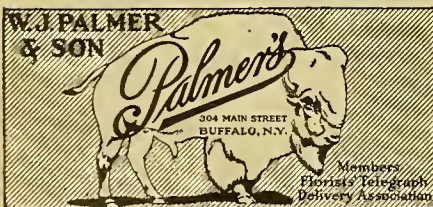
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson
SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

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Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Omaha, Neb.

Hess & Swoboda FLORISTS,

1415 Farnum St. TELEPHONES
1501 and L 1582

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New York.

MAX SCHLING

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Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyes, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Grubham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heim & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
Mny & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Pulmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocebi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

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Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE,
President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Trade Directory

OF THE

United States and Canada

Price \$3.00 Postpaid.

American Florist Co.,
440 S. Dearborn St.,
CHICAGO.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

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KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florista' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florista' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.



14 th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656

Established 1880

M. WEILAND

FLORIST

George C. Welland, Proprietor.

602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

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DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedmao.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—The J. M. Gasser Co.
- Cleveland, O.—Smith & Fetters.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Deaton, Tex.—Deaton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The E. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—Myer, Florist, 609 Madison Ave.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stump.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- Sau Francisco—J. B. Boland, 60 Kearney St.
- Sau Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. C. Heul & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto, Can.—Dunlop's, 60 Yonge St.
- Toronto, Can.—Simmons & Son.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.



Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in
NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best Dunlop's

96 Yonge Street,

We deliver anywhere in Canada and guarantee
safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to,



Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.
Rochester Phone 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.
The Largest Growers of Flowers in City.

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160
Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heintz)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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**Trade
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Price: \$3.00, Postpaid.

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**Floral Designs and
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Portland Flower Store

631 Congress St.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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We solicit telegraph orders. Regular trade disc
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Orders Carefully Executed

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

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Member of The Florists' Telegraph Delivery.

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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French Paper White Grandiflora (Now Due)

Fancy (1250 bulbs to case).....Per 1000 \$ 8.50
 Star Brand (1000 bulbs to case)..... 11.00
 Precocious, Vaughan's Extra Early Grandiflora
 Select Bulbs..... 9.00
 Mammoth Bulbs..... 12.00

Lilium Formosum (New Crop)

7-9 inch (250 bulbs to case).....per 1000, \$60.00
 9-10 inch (180 bulbs to case).....per 1000, 80.00

Lilium Harrisii—NEW CROP JUST IN.

Best Bermuda Stock. From rogued fields.

6-7 inch (335 to case).....Per 1000 50.00
 7-9 inch (200 bulbs to case).....\$ 75.00

Cold Storage Lilies

SPECIAL PRICES to "clean up." Per case
 Giganteum, 7-9 inch (300 bulbs to case) \$15.00
 " 9-10 inch (200 bulbs to case) 16.50
 Formosum, 8-9 inch (225 bulbs to case) 14.00

Freesias
 Purity (True). Per 100
 5/8-in. and up.....\$2.00
 1/2 in. to 5/8-in..... 1.60
 3/8-in. to 1/2-in..... 1.25

Vaughan's Improved Purity. Per 100 Per 1000
 5/8-in. and up.....\$2.00 \$18.00
 1/2-in. to 5/8 in..... 1.75 15.00
 3/8-in. to 1/2-in..... 1.50 12.00

French Grown. Per 1000
 Jumbo, 3/4-in. and up.....\$10.00
 Mammoth, 1/2-in. to 3/4-in..... 8.00

VAUGHAN'S SEED STORE, Chicago and New York

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown, Junc. N. J.

GERANIUMS

Summer Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt.....\$10.00 per 1000
 Ricard and Poltevine..... 12.50

ALBERT M. HERR, LANCASTER, PA.

CYCLAMEN

Good, healthy stock in five colors, 3-in. pots, \$7.50 per 100.

Poinsettias 2 1/2 in. pots, good stock, at \$5.00 per 100, limited amount.

Write now to

JOS. CHONTOS, 1314 5th Ave., MCKEESPORT, PA.

PROVIDENCE, R. I.—William Dickson, superintendent and landscape gardener at "Sea Lands Farm," the estate of John E. McGowan at Little Compton, Mass., has returned to this city with his family, having resigned his position.

RICHMOND, IND.—From the Ft. Worth meeting of the Texas State Florists' Association, J. A. Evans proceeded to California and is now at the San Diego exposition, whence he will proceed to the convention of the Society of American Florists, to be held in San Francisco, August 17-19.

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SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

—Write—

GEO. A. KUHL,

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For Prices and List of

MUMS, ROSES, FERNS,

BEGONIAS and General Stock

Wholesale Grower to the Trade.

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BUDDING KNIFE



With 2 New Subscriptions.

American Florist Co.

440 S. Dearborn St., CHICAGO

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

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The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y.,
President; Kirby B. White, Detroit, Mich.,
First Vice-President; F. W. Bolgiano,
Washington, D. C., Second Vice-President;
C. E. Kendel, Cleveland, O., Secretary and
Treasurer, Thirty-fourth annual conven-
tion, June, 1916.

JOHN LEWIS CHILDS, of Floral Park, N. Y., is an enthusiastic collector of birds' eggs.

EGYPTIAN or winter onion sets are a big crop this season and trade slow at reduced prices.

EAST JORDAN, MICH.—The Everett B. Clark Seed Co. is building an addition to its plant in this city.

CHICAGO.—Prices for grass seed on the Board of Trade July 29 were as follows: Timothy, \$5.25 to \$6.50 per 100 pounds.

LONDON, ENG.—The market is reported firm for all clover and grass seeds. There is a good demand for Trefoil, with prices firm.

OSHKOSH, WIS.—The Wisconsin Seed & Fertilizer Co. has been incorporated by Carl and Henry Rowekamp and A. Ross; capital, \$1,000.

ACCORDING to the Missouri state board of agriculture, the flaxseed acreage for the state is 85, condition 80; cowpea acreage is 91.

At Chicago the seed trade members of the Association of Commerce, division 72, are contributing to the Eastland emergency relief fund.

BERMUDA growers report a scarcity of 9-11 grade of Liliun Harrissii bulbs, the crop of that size being only about five per cent of the yield of the 7-9 grade.

THE standard barrel of the United States should contain 7,056 cubic inches, with 2 $\frac{1}{2}$ inch staves and 17 $\frac{1}{2}$ -inch heads, head material not thicker than 2-5 of an inch.

THE Fabre line has a monopoly on carrying French bulbs and has advanced its rate 25 and 10 per cent. There is no competitive outlet this year via Genoa as before.

BOULDER, COLO.—Long's Specialty Store, which makes a feature of seeds and bulbs, with an extensive mail-order business, is now located in its new store, 2043 Twelfth street.

WEST BRANCH, MICH.—Edward E. Evans reports all old seed stocks cleaned up. The only shortage of the season was in field peas and beans. The 1914 bean acreage was doubled this year, due to war prices for 1914 stock.

WICHITA, KAN.—Ross Bros. Seed Co. report a constant demand for everything grown in the state. Alfalfa seed from second crop will be practically nothing. Seed corn acreage is larger than last year, but not quite up to the 10-year average.

ONION SET growers at Chicago are complaining bitterly of the constant rains and prospective. The tops are down and continuous rain is causing them to rot. So bad is the condition that the atmosphere of some neighborhoods compels the closing of windows.

SPRINGFIELD, Mo.—Timothy, clover and red top, the three principal crops in this section, are reported as promising very well this year. Excessive wet weather has interfered with planting, but the opinion exists that there will be a large acreage of these three staples.

CLINTON, Mo.—Cowpea seed sales have been very heavy this year on account of wheat ruined by rust, according to Geo. R. Lingle & Sons, who sold 10,000 pounds this year, compared with only 100 pounds last spring. Sales of milo and cane seeds are three times as heavy as usual.

LOUISVILLE, KY.—The partnership existing between Wm. Ross, A. S. Chescheir and Chas. D. Ross, doing business as the Ross Seed Co., has been dissolved. William Ross, the retiring partner, has sold his interest in the business to the continuing partners, A. S. Chescheir and Chas. D. Ross, who will conduct the business, continuing the name of the Ross Seed Company.

A DUTCH correspondent of the Horticultural Advertiser (English), reports swedes and turnips very poor crop. Mangel, beet and radish better. Spinach crops poor and should bring good prices next year. Natural grasses such as cocksfoot, meadow fescue and sheep fescue promise good yield. Some other natural grass seed crops have been unfavorably affected by the drouth.

Nebraska Vine Seeds.

Waterloo, July 27.—Chauncey P. Coy & Son write as follows regarding crops in Douglas county: "Vine crops are in very bad shape. We have had losses from insects, hail, excessive rains and floods and as a result nearly or quite half of our planted acreage is gone. There will be many failures and shortages at the best. As a whole the prospect is the poorest for a good many years.

Costa Rica Organizes a Seed Society.

A society call "Junta Agricola Industrial" has just been organized in Port Limon to encourage agricultural industries. Its first efforts will be to furnish free of cost to all planters and farmers all kinds of seeds of vegetables and grains that will grow in this climate. All the prominent merchants and business men, as well as the planters and agriculturists, have joined this organization and promised to support it, thus building up new industries to take the place of the banana industry, which is being killed by the banana disease, now very prevalent here.

Every member pays a monthly fee of 1 colon (\$0.40 gold), which is to be spent for seeds, to be given, as mentioned, to anyone who will plant them. Those interested should address Senor Don Filadelfo Granados, secretary, Junta Argicola Industrial, Port Limon, Costa Rica.

Burbank Co. Stock Assessed.

The Luther Burbank Company has levied an assessment of \$1 a share on its capital stock, payable on or before August 2. The sales of delinquent stock will be held on August 21, 1915. Accompanying the notice of the assessment, mailed to the stockholders, is a document, which the directors of the corporation call a "reappraisal of the assets of your company." In this reappraisal, among the alleged assets stated, appears the following item: "Value of the exclusive right to use the name of Luther Burbank and to distribute his horticultural productions—\$287,500." The total assets as stated, including this item, are \$487,700.25. The current liabilities, including notes payable to Luther Burbank of \$10,330 for "novelties yet to be delivered" and mortgages payable on real estate, total \$73,023.58.

Onion Seed Crop Prospects in Canaries.

With harvesting well under way, reports warrant a forecast of the 1915 onion seed crop in the Canary Islands. Last year this constituted over one-half of all exportations from this district to the United States, hence the outlook is important to American buyers. The coming crop, which should begin moving toward American ports late next month, shows a yield above the average. On the other hand, there was considerable underplanting.

Orders are large, and all dealers report increasing prices and a strong market undertone, due to buying orders of unusual size, not only from the United States but from Cuba and Argentina. Much of the present crop was grown under contract, and many contractors have already sold their holdings at a good profit, before the crop was ready for delivery.

With the outlook tending strongly toward a short supply there is a temptation among some dealers to mix old seed with the new, and detection until after actual sowing is difficult. It is therefore suggested that American buyers deal only with long-established exporters of onion seed, who will allow just claims.

The most vexing question this season will be securing bottoms, as freight rates via British ports are both very high and uncertain. This has caused great expense to American importers, who have found all chances of profit swallowed up in war freights. The route now being looked to by many large shippers is via Havana, Cuba, or

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Company

directly to New Orleans. This routing seems especially favorable for shipments with an ultimate southern destination, such as Texas which buys largely of Canary Island onion seed. As American buyers of onion seed must pay all freight charges, they should investigate this important matter. Unless explicit directions are given to shippers here, buyers in the United States will often experience excessive freight rates and run chances of having damage by lengthy delays at intermediate ports.

Three lines have published sailings from Canary Island ports, and all carry freight and make either New Orleans or Habana. They have announced the following sailings: The Pinillos Steamship Co., two monthly sailings; the General Transatlantic Steamship Co., one monthly sailing; the Transatlantic Steamship Co., one monthly sailing. These companies maintain agents in New Orleans and Habana and announce that full particulars may be obtained from them.

With an average crop in sight and an increased demand for seed, prices have stiffened considerably, showing a five per cent increase as against ruling prices on June 1. It is generally expected that quotations will advance even higher—due to unexpectedly large buying from Cuban and Argentine agencies.

Dutch Bulb Situation.

A recent writer on war conditions in Holland has the following regarding Dutch bulbs, dated Haarlem, Netherlands, June 19:

"Although the bulb business for which Holland is world famous would seem to be immune from the effect of the war, like other industries, it has had a sad blow, from which it is even less able to recover as time goes on and the war continues. The head of the Bulb Growers' Association of the Netherlands, whose headquarters are in this city, recently reviewed the effects of the war on Holland's ancient traffic.

"Everything in the bulb trade was ready for the export season, which starts in the first week of August, when the war broke out. Our first impression then was that exportation would be impossible altogether, and that the whole season would be lost.

"But the results were really better than we had anticipated. Exportation was found possible to the United States without interruption; also to England, Sweden, Norway and Denmark, Germany and Austria, France and even Russia. Many orders, however, were canceled or cut down. Domestic readjustments made necessary by the departure of many millions of men for the battlefields of Europe caused the abandoning of much of the garden beautifying which is annually planned in the fall. For this reason there came to be an enormous surplus stock on the hands of the Dutch bulb growers, especially of hyacinths, which had already been somewhat too plentiful even before the war.

"Enormous quantities of bulbs also seem to have been sent to public auctions in several foreign countries, to be sold in that way at exceedingly low prices—which did not help the Dutch bulb business. At the end of the export season tulips and narcissi proved to be practically all sold, while there still remained an important stock of

Galvanized Wire Stakes

Owing to higher prices on Galvanized wire and cost based on purchases made during the early Spring enable us to make the following special prices:

	Per 1000		Per 1000
3 ft. No. 9 wire	\$ 6.40	5 ft. No. 8 wire	12.85
3½ ft. " 9 " "	7.50	6 ft. " 8 " "	15.50
4 ft. " 9 " "	8.50		

Shipments can be made any time between now and August 25th, as long as stock lasts.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

French Bulbs

A. & L. BREMOND FRERES,
Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES.

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100.

Florists' Money Maker, best Valley at moderate prices. \$14.00 for 1000; \$7.50 for 500; \$4.00 for 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

hyacinths in the warehouses, which had to be thrown away in the end.

"The prices of most kinds of bulbs went down in August. Hyacinths could be had at any figure; tulips in cases for half the normal price. The official export statistics show only a very slight decrease compared with the record year of 1913, but these figures are deceptive. They can be accounted for by the large size and heavier weight of the bulbs, and also by the large quantities sold at auction, upon which there was little if any profit to the venders or the bulb-growers.

"The financial losses to the bulb-growers, although not perhaps so bad as anticipated last August, have been very serious. But they depend to a certain extent upon the character of the trade supplied by the individual grower. Firms dealing only with the United States have not irreparably suffered, while those exporting chiefly to Russia have had a very bad year.

"This spring the representatives of the bulb firms of Holland have traveled as usual to take orders and make collections for former supplies. They report, generally, that payments, even in the countries at war, are coming in far better than expected. They are,

MY

Winter Orchid Sweet Peas

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the Panama-Pacific Exposition.

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK
Lompoc, Calif.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

FERNS IN FLATS

ALL VARIETIES

We ship by express during July and August, stock ready for 2½-in. pots in flats of about 110 clumps, which can be divided.

Price, \$2.00 per flat
20 or more flats, \$1.75 each.
Packing included.

Order now while we have full list of varieties to select from.

Write for illustrated folder.

McHutchison & Co.
17 Murray Street, NEW YORK

Mention the American Florist when writing

FREESIA BULBS

TRUE PURITY

	Per 100	Per 3000
¾ to 1-in. diameter.....	\$1.70	\$16.00
⅝ to ¾-in. "	1.50	14.00
½ to ⅝-in. "	1.25	11.00

ST. LOUIS SEED CO.
The Home of "Pure and Sure Seed"

411-413 Washington Ave.,
ST. LOUIS, MO.

Write for our Trade Fall Catalogue.

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

however, booking their new orders as a rule without definite arrangements as to prices, as many large buyers of bulbs prefer to wait until later before confirming their orders. If the war looks as if it might continue on into next spring, of course, many of these orders will be lost, and the plight of the Dutch bulb-growers will be worse than ever.

"It is the smaller bulb growers who suffer most, just as it is the small butcher, baker and candlestick maker in Holland, who so far has had to bear the chief burden of war's misery. The small bulb grower must sell to the large wholesaler, who has the facilities for storing the bulbs and can afford to do so. One large wholesaler of Hille-gom, near here, recently stated that he had received more than 1,000,000 bulbs at his warehouses, of which he had been able to dispose of only 150,000. These bulbs came from the small growers.

"The tulip bulbs are, as a rule, of five years' growth, and are sold in their third year. They are sold while yet in flower, in the case of the small grower by auction, held on the ground by local notaries, who make a very good thing out of it, whether the grower does or not.

"When the crop has been sold, the flowers are cut and heaped in a pile in a corner of the field to rot and serve as fertilizer. Some of the finer ones are sold to dealers in cut flowers; many are given to anybody and everybody who ask for them."

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.
Mention the American Florist when writing

BRUNNINGS

Leading Suppliers of

EUCALYPTUS and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

97th Year

J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of
Pedigree Tomato Seeds Baltimore, Md.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS
Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Thorburn's

BULBS

Cold Storage
Stock

FORTUNATELY for the Florist who takes advantage of it, we have another supply in cold storage of some of our most desirable bulbs, which we will sell by the case only at the following special prices.

VALLEY PIPS

In cases of 250, per case.....\$ 3.75
In cases of 500, per case..... 7.00
In cases of 1000, per case 13.00
In cases of 3000, per case..... 35.00

LILIUM AURATUM

9 to 11, per case of 100.....\$8.00
11 to 13, per case of 75 9.00

LILIUM SPECIOSUM ALBUM

7 to 9, per case of 225.....\$18.00
9 to 11, per case of 125 17.75

LILIUM SPECIOSUM RUBRUM

7 to 9, per case of 225.....\$10.50
9 to 11, per case of 125 10.00
11 to 13, per case of 100..... 15.00

LILIUM SPECIOSUM MELPOMENE

8 to 9, per case of 225.....\$12.00
9 to 11, per case of 125..... 12.00

LILIUM GIGANTEUM

6 to 8, per case of 400.....\$13.00
9 to 10, per case of 200..... 18.00

Knowing us as you do, you can readily realize that when we announce the price as special it means a genuine saving.

We believe that it will be to your advantage to order at once.

J. M. Thorburn & Co.

53 Barclay Street through to
54 Park Place
NEW YORK



PRINCESS. 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c; 1000 Seeds 35c; 1/2 oz. \$1.00; 1/4 oz. \$2.00; 1 oz. \$7.50.

- 38—Mme. Perret—Red and wine shades.
- 40—Zebra—Fine striped mixture.
- 42—Adonis—Light blue, white center.
- 44—Black—Almost coal black.

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

- 22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3 1/2 to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, and many others. Light, Medium or Dark Mixtures.
- 26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long.
- 28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance.
- 30—GIANT THREE AND FIVE BLOTCHED PANSIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous.
- 32—GIANT PARISIAN—The flowers are of enormous size, and beautifully marked, mostly five dark blotches on white and yellow ground. An unusually showy mixture.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are \$5.00 per oz.; \$1.25 per 1/4-oz.; 5000 seeds, \$1.00; trade packet of 1000 seeds, 25c; any 5 pkts, \$1.00. Please order by number.

- 48—Lord Beaconsfield—Purple shaded white.
- 50—Bronze—Beautiful bronze.
- 62—Cecily—Steel blue, margined white.
- 64—Goliath—Large curled yellow, blotched.
- 68—Emp. William—Ultramarine blue.
- 84—Superba—Orchid tints of red and wine.
- 86—Sunlight—Yellow with brown blotches.
- 88—Andromeda—Curled apple blossom.
- 90—Colosseus Venosa—Light veined abadea.
- 92—Almond Blossom—Delicate rose.
- 94—Aurora—Terra cotta shades.
- 97—The above named Orchid mixed.
- 98—Indigo Blue—Deep velvety blue.
- 100—Light Blue shades.
- 104—Meteor—Bright red brown.
- 106—Pres. McKinley—Yellow, dark blotched.
- 114—Purple—Large rich deep color.
- 116—Peacock—Blue, rosy face, white edge.
- 118—Psyche—Curled white, five blotches.

- 126—Red—A collection of rich red shades.
- 138—White—Large satiny white.
- 140—White with violet blotch.
- 142—Yellow—Large golden yellow.
- 144—Yellow with dark blotch.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow, and with other amounts in like proportion.



Waldo Rohnert GILROY, CAL. Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture, 1 pkt. 5000 seed, \$1.00; 1/2 oz., \$2.00; 1 oz., \$4.00. Cash with order. E. B. JENNINGS, Lock Box 254. Southport, Conn. Grower only of Fine Pansies.

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Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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Correspondence Solicited. SWEDSBORO, N. J.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

YORK, NEB.—The Harrison Nursery Co. will enlarge its packing plant. The office building will also be extended.

WHITE PLAINS, N. Y.—The Wm. H. Moon Co., nurserymen, of Philadelphia and Morrisville, Pa., have leased a tract of land here from the Gedney Farm Co.

INDIANAPOLIS, IND.—The winter meeting of the Indiana Horticultural Society will be held in this city in November in conjunction with the Indiana apple show.

VINELAND, N. J.—Warren Maytrott, of the Dahliad Nurseries, and his dahlia specialists are given extensive notice in the Evening Journal, a local paper, in which it is stated that he has now nine acres in this crop.

HOUSTON, TEX.—John J. Boyle, manager of the Forestdale Nurseries, accompanied by Mrs. Boyle, left July 13 for an extended trip to Central America in quest of rare orchids which abound in variety in the jungles of Guatemala.

COLUMBUS, O.—According to T. E. Davey, member of the state board of administration, Professor S. W. Moore, state horticulturist, has saved the state several times the salary received by him by economies he has effected, and while Moore failed to get on the eligible list in competitive examination, the board has notified the governor that it would abolish the position before it would drop Prof. Moore.

The Cherry in Ontario.

The fruit branch of the Ontario department of agriculture in Bulletin No. 230 has issued a comprehensive treatise, entitled "The Cherry in Ontario," by E. F. Palmer. Numerous illustrations accompany the text.

Tsuga Caroliniana.

After two of the severest winters of recent years the perfect condition of this southern hemlock in the arboretum shows that it can be depended on to flourish in southern New England. A smaller tree and less graceful perhaps than the hemlock of our northwest coast, *T. heterophylla*, the most beautiful of all the hemlocks, the Carolina tree is the handsomest representative of the genus which can be successfully grown here. The Carolina hemlock was first raised in the arboretum more than 30 years ago, and among the seedlings are two or three dwarf plants which are broader than high and beautiful subjects for planting in small gardens. Judging by the experience at the arboretum with this tree, it may be placed among the six most desirable conifers for planting in southern New England, the others being the white pine, *Pinus strobus*, the red pine, *Pinus resinosa*, the northern hemlock, *Tsuga canadensis*, the white fir of Colorado, *Abies concolor*, and the Japanese *Abies branchyphylla*. — Arnold Arboretum Bulletin.

Dressing Pruning Wounds on Fruit Trees.

Fruit growers have long used paints, tars, waxes and other substances as coverings for wounds of trees. Curiously enough comparative tests of the many compositions in use seem not to have been made to ascertain the value of these dressings. Tree pruners seem to have taken it for granted that some covering was necessary, for large wounds at least, and have applied the most suitable material at hand. The substances used as coverings were white lead, white zinc, yellow ochre, coal tar, shellac and *avenarius carbolineum*.

Bulletin No. 396, issued by the New York Agricultural Experiment Station, Geneva, N. Y., entitled, "Effect of Various Dressings on Pruning Wounds of Fruit Trees," is a report of the effects of these various substances on wounds made on the apple and on the peach. In all cases undressed wounds have healed more rapidly than those whose surfaces have been protected. The treatment of the peach tree with any of the substances under experiment caused so much injury that it may be said that the wounds of the peach should never be treated with any of them, and it may be inferred that this is true of wounds on trees of all stone fruits. From the results of the experiments the deduction seems quite warranted that the dressings commonly applied to pruning wounds rather retard than accelerate the healing of the wounds.

Annuals and Herbaceous Perennials.

A paper by A. S. Thurston, assistant in floriculture, Massachusetts Agricultural College, Amherst, delivered at Horticultural hall, Boston, Mass., January 30, 1915.

Quite often the decision to have a garden is not made until spring approaches. Then one begins a study of the catalogues, which is a poor way to begin a garden, for the results are sure to be unsatisfactory, and yet the perusing of catalogues is the most popular method. One should begin to plan at least a year ahead; if he intends to start a garden this spring, he should have been preparing for it since last spring, for one cannot satisfactorily choose the flowers unless he has seen them actually growing. Other gardens should be visited, and the particularly fine plants noted; particular attention should be paid to the habit of growth of the plant and good combinations should be noted.

Plants may be divided into two groups, woody plants and succulent plants. I am to discuss the succulent plants of the garden. These run riot in the garden throughout the summer, filling it full of life and joy, but after a frost and freeze our garden is leveled to the ground—it is dead. Trees and shrubs should be used in order that there may be a promise of life for the next year, and we may introduce a touch of life even in the winter by using evergreens and some of our shrubs such as the cornus, *kerria*, etc., which have brilliantly colored branches. Succulent plants furnishing summer and autumn bloom should be used to supplement the woody plants in the garden; otherwise it would have a rather sombre effect, since shrubs bloom almost wholly in the spring.

Annuals and herbaceous perennials are valuable, not only for the ornamentation of the garden, but for cutting. There are a great many of them that not only have the requisites of good

cut flowers, but that also lend themselves readily to vase arrangements in home decoration. These two classes of plants admirably supplement each other when used together in the garden. Succulent plants may be classified as annuals, biennials, or herbaceous perennials.

ANNUALS.

Botanically, annuals are plants that normally complete their entire life cycle within one vegetation year. However, the term annuals is commonly applied to those plants that bloom in the open the same year the seeds are sown, and that do not live over winter. Many tender perennials and biennials bloom the first season, and for cultural purposes may be treated as annuals. The beauty of annual plants, the ease and rapidity with which stock can be raised from seed, their cheapness and the simplicity of their culture, combine to commend them to flower lovers. A plant that lives only one brief summer would be a poor investment of time and money if one has a permanent home, unless it has fragrance, form, or color. Where a person does not own the land he lives on, but rents, and quick returns are required rather than future gain, a wealth of bloom and a pyrotechnic effect of color may be had with annuals for a small expenditure. The best results with perennials come only after the second year, or when the plants are thoroughly established; but annuals are at their best in three or four months.

Annuals are valuable when only a small outlay can be spared for a garden, or when there are gaps in the herbaceous border to be filled in with some special color and timely flowers. They cannot compare with the size of the peony, the earliness of the creeping phlox, and the lateness of the chrysanthemum, but for profusion of flower and duration of bloom, and for fragrance that very many of them possess, and for lavish display of color, annuals certainly eclipse their long-lived rivals. Annuals are everybody's flowers; we find them in the gardens of the rich, also in the piazza flower box of the tenement dweller; they are grown by gray-haired plant-lovers, and also by children who are just learning the mysteries of nature. Some of our most showy garden flowers are annuals, and as a rule, they are easily grown, producing quick results. Improvement by hybridization and selection has led to a great many varieties, affording us a great variety of colors, forms, and foliage. Some of the annuals last only a few weeks in bloom, others continue to bloom throughout the summer. Who can resist the charm of a garden fragrant with the odor of stocks, mignonette, candytuft, and sweet peas?

Annuals may be classified as hardy, half-hardy, or tender. Hardy annuals are those that are sown directly in the open ground where they are to grow. They are vitally strong, developing without artificial heat. Half-hardy annuals are usually sown in February or March in a window or warm frame. The season is usually not long enough to enable them to reach full development in the open. In the early stages of growth they need protection and warmth. Tender annuals require still more warmth, and are started January to May in the greenhouse, and require a temperature of 60 degrees to 70 degrees. The general method of propagation is by means of seed. In buying seed, get good seed; do not buy cheap

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seed. Only the best seed should be purchased, and it is usually best to get the colors in separate packages. Seeds should be bought only from reliable firms.

When flowers of any annual are wanted, extra early, the seeds should be started indoors in four-inch or five-inch pots or in gardeners' flats. These should be prepared by first putting in coarse material of some sort to provide for drainage and then filling the box with very fine, rich, sandy loam, in which the seeds are thinly sown at a depth equal to twice the diameter of the seed, the soil being firmly compacted. When watering, be careful, as seeds and seedlings are apt to be washed out of the soil by a too violent downpour from a can or hose. Vigorous growth depends upon each plant having room enough to develop and plenty of light and air. Thus the seedlings should not be too thick else they may become "drawn" and spindling. As soon as the seedlings are large enough to be handled, they should be transplanted or pricked off, into other flats about one and one-half inches apart. Before the plants are removed to the open ground they need to be gradually hardened off. The greater number of the common annuals will bloom freely if the seeds are sown in open ground when the weather becomes thoroughly settled. For the reception of seeds, the surface should be mellow and smooth. Proper soil preparation facilitates good drill making, and good drill making facilitates proper sowing. Whether the seeds are sown in lines or rings, the drills should be shallow and even. In open ground seeds can be covered four or five times their diameter. The seeds, however small, should be sprinkled in thinly, so that no two touch each other, then when they come up, each stands singly and the plants may be thinned to their proper distances easily and quickly.

Most novices make five mistakes in planting seeds: First, in not working over the surface soil long enough to pulverize it and remove every lump and pebble. Second, in burying the seeds too deep. Third, in not firming the soil about them so that the first feeble roots may come in immediate contact with their food. Fourth, in sowing too thick. Fifth, in allowing the seeds, or seedlings, to dry out. Annuals, even if short lived, and cheap, should be chosen and placed with care. However beautiful in themselves, a multitude of them unrelated can actually spoil the garden composition as a whole, and the same plants, thoughtfully arranged, can bring perfect harmony into the garden.

BIENNIALS.

Biennials are plants that bloom a year after the seeds are sown; then make seeds and die. Each year, while some are blooming, we must be raising others if we wish to have them in flower annually. There are a few good biennials that are of highest importance and value in the garden, notably hollyhocks, foxgloves, sweet williams, and canterbury bells. Many biennials,

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THE VAN FLEET HYBRIDS, the best of all strawberries to date.
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 Price list now ready.
The D. Hill Nursery Co.
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 CATALOGUES AND PRICE LISTS
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such as hollyhocks and others, are practically perennials because they self sow, or multiply by off shoots, so that there is little danger of losing them. Such cases give rise to discussion as to whether a plant is annual, biennial, or perennial.
 [The perennial section of this paper will appear in a later issue.—Ed.]

BOSTON, MASS.—Geo. C. Scott, Irving F. Carpenter and P. D. Turner have incorporated the Faneuil Flower Shop; capital, \$5,000.

LEWISTOWN, ME.—The Gardeners' Union of Lewiston and Auburn will hold a fall exhibition August 27-28 in the City hall. Chas. S. Allen, Auburn, Me., is president, and Mrs. Geo. A. Whitney, 151 Winter street, Auburn, is secretary.

NEWBURGH, N. Y.—At a meeting of the Yuess Gardens Co., July 12, the following officers were elected for the ensuing year: Stanley Murtfeldt, president; Percy W. Herbert, vice-president; O. J. Cathcart, treasurer; R. Harry Cathcart, Jr., secretary.

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Market Gardeners

Vegetable Growers' Association
of America.

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Daniel R. Comly, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

BOSTON, MASS.—One hundred tons of tomatoes is Thomas Rolands' estimated crop this year at his range at Revere.

MILWAUKEE, WIS.—Nearly 1,000 members of the Milwaukee County Gardeners' Association, their families and friends attended the annual picnic July 18.

CLEVELAND, O.—Chas. A. Calhoun, pioneer market gardener and at one time largest grower of watermelons in Cuyahoga county, Ohio, died at his home in this city, July 17, aged 73.

Prices of Indoor Fruits and Vegetables.

Chicago, July 27.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 10 cents; radishes 50 cents to \$1.50 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; tomatoes, 4 baskets, 40 to 50 cents.

New York, July 27.—Celery, per bunch of 12 stalks, 10 cents to 35 cents; cucumbers, 40 cents to 50 cents per dozen; mushrooms, \$1.00 to \$2.00 per 4-pound basket; tomatoes, 10 cents to 15 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crates, 10 cents to 50 cents; rhubarb, per 100 bunches, 75 cents to \$1.25.

Marketing Problems.

We have repeatedly pointed out that the selling end is of more importance than the producing end—in other words, at present it is easier to grow vegetables than to sell them. There is no question that our educational factors have spent too much effort upon telling growers how to produce big crops instead of giving a helping hand in the distribution problem. These conditions have existed for some time; one was led to believe that all we needed for success was large yields of high grade produce. This year we have the largest yield of the finest vegetables we ever saw, and yet the grower who has not a good reserve fund is in danger of bankruptcy—the larger his operation the larger the loss. So far this season in our vicinity (Ohio), garden crops have not returned enough cash to pay for the cost of hauling to market.

What is the trouble? Over production on one hand and lack of consumption on the other. The long, dry, cool spring enabled every operator to utilize every hour of his time in planting and preparing; the lowest, slowest ground was available from the first as well as the high land. The cool spring kept every thing back to the same level—it did not make much difference whether an operation was done a week sooner or later, and finally the remarkable even cool summer and copious showers matured everything. For the first time in America have we seen a perfect field of cauliflower—every plant a head and a model of perfection with no sale.

Turning to the marketing problem, we find a greatly diminished demand owing to financial and industering depressions. If the growers through personal wisdom or through organized effort had withheld about half of their produce, they could have held a living price, but the greed of each individual to dispose of his entire output soon upset the market. And right here we must recognize the leading factor, and that is that with each decline in price there comes a decrease in consumption until an article becomes unsalable when offered at a low price. It is the nature of our people to buy what is scarce and valuable and to this there is no remedy. Hence the lowering of prices is undesirable in every way as nobody reaps a benefit except the cheap peddler, who, for a while, extorts an enormous profit by acting as distributor. As it is evidently impossible to organize the growers into a harmonious crowd, the only remedy is decreased production by sheer force of circumstances. In many cases a smaller output sold direct to consumer instead of a large output thrown into a wholesale market would give better returns.

We have given this problem much attention as it proves that if we could all drain, fertilize, irrigate, and till our land up to the highest point of efficiency, we would at once face ruin. There is money for some enterprising grower in getting ahead of his competitors in some way—but if all should fall in line he would lose his advantage. A case in view in our locality is summer lettuce. Since the general installation of overhead irrigation summer lettuce has continued a glut upon the markets where formerly the fortunate grower who had a small lot in July and August, received fancy prices. The fact remains that under present circumstances it would be better if weather condition would each season destroy at least one-half of all plantings. We wish to remind growers that a good many of our set backs and difficulties are a blessing in disguise.

MARKETMAN.

Troy, N. Y.

The Troy florists, like their brethren in other cities, are feeling the summer dullness, but all seem to have something to do. Sambrook Brothers have a nice retail store at 413 Fulton street and a considerable glass area in Water-vliet. J. C. Sambrook of this firm conducts a range of 25,000 square feet of glass at Berlin, N. Y., the firm name being J. C. Sambrook & Co., Inc.

Samuel Hanson, Eighth avenue and 14th street, has a neat range, a feature being excellent landscape and bedding on his grounds fronting the street,

which is a good advertisement for any florist.

H. Louis Menand has a nice retail store at 464 Fulton street. His father, L. Menand, has a very fine range and store at Rural and St. Agnes cemeteries, Albany.

At and near Oakwood cemetery, F. L. Post, Lecomte Brothers, Jones Brothers, Mrs. Danderpool and others do a growing and retail business.

James M. Gemmill has a small range at Sixth avenue and Fourth street and we found him busy, but affable and willing to chat a few minutes.

F. W. Faulkner has a neat retail store at 808 River street and also carries stationery and other staple articles.

The Mulholland Brothers have a store at 5 Third street, opposite Proctor's theater and we found them busy.

James H. Reynolds, located on the Brunswick road, is exclusively a grower and is considered a good one.

We found James G. Barrett and his staff, of Burdett avenue, very busy with funeral work. A. F. F.

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50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.

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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettices, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogues free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of atrocious growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

English Roses at German Prices

If that is a proposition which interests you read on.

Bees, Ltd, of Liverpool, England, said to be the owners of the most extensive rose farm in the British Isles (the acreage under roses is about seventy) have about a quarter of a million two-year-old, open ground, budded trees to spare for the American and Canadian markets to fill the place of those usually bought elsewhere.

But these roses will do more than merely fill the place, they will give you such satisfaction as you have never experienced before. They will delight you primarily on quality. They will please you profitably on price.

It is not too soon to be thinking about where you are going to buy your roses this fall, and the Bees have bought this space in order to tell you something about the roses that they grow on their 200 acre farm.

By the way, don't wait for the other advertisements to come along before you write to Liverpool for prices on your list of sorts. Get a move on NOW. Chance is said to have only one hair on his head, though that probably means only one for each person. Anyhow, grab your hair NOW. You'll then have plenty of time to cogitate later.

Bees Ltd

1075 Mill St.
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FIELD GROWN Carnation Plants

Exceptionally fine stock ready for benching. Large sized plants.

	100	1000
Pink Enchantress.....	\$4.50	\$40.00
Rose Pink Enchantress.....	4.50	40.00
White Perfection.....	4.00	35.00
Mrs. C. W. Ward.....	4.00	35.00
Philadelphia.....	5.50	50.00
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—Order Today—

Peter Reinberg

30 East Randolph St., Chicago, Ill.

Primroses

Forbesi, Malacoides, Obconica Alba Rosea, Ruby, \$2.00 per 100.
Obconica Gigantea, \$2.50 per 100.
Plumosus, \$2.00 per 100.
Pansy Seed, Giant Flowering, oz., \$4.00.

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BOXWOODS—Most Beautiful Stock

Pyramids, 2 ft.....\$1.00 each
Pyramids, 2½ ft..... 1.50 each
Pyramids, 3 ft..... 2.00 each
Pyramids, 3½ ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in......35c each

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Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. \$2.50 per 1000. 5000 for \$10.00.

Elmer Rawlings, Home of Pansies,
ALLEGANY, N. Y.

Thousands of Chrysanthemums

20 kinds. Cyclamens, Begonias, Primulas, Cinerarias, Etc. Ready for market.
See our display adv. in American Florist, June 26, page 1211. Send for lists.

ALONZO J. BRYAN,
Wholesale Florist, Washington, New Jersey.

LAST CALL FOR

Chrysanthemums

Including Some of the Newer Ones.

ASK FOR LIST.

\$3.00 per 100. \$25.00 per 1000.

Cash with order.

Elmer D. Smith & Co.
ADRIAN, MICH.

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2½-in., \$5.00 per 100.
Vinca Var., 2-in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

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Specially priced stock list 2½ and 4-in.

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SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

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JOSEPH HEACOCK COMPANY'S PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	5 to 6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.....	\$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.....	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy.....	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.....	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread.....	\$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	28 to 36.....	1.50	18.00

	Leaves	In. high	Each	Per doz.
9-in. cedar tub.....	6 to 7.....	42 to 45.....	\$4.00	\$48.00
9 in. cedar tub.....	6 to 7.....	45 to 48, very heavy.....	5.00	
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa.
Jenkintown.

Kansas City.

BUSINESS FAIR CONSIDERING SEASON.

While sales fell off somewhat the past week, business continues good, when the time of the year is taken into consideration. Stock is plentiful, especially gladioli, which are flooding the market and are of very fine quality. Lilies are also good stock and are more plentiful, and there are some good roses and carnations. Snapdragons, coreopsis, daisies, gaillardias and sweet peas have a good sale and are much used in design work. Asters are improving both in quality and quantity.

NOTES.

T. J. Noll & Co. report a fine week's business both in shipping and local trade. Stock has been very good, especially gladioli; also some good roses and carnations. Mr. Noll will leave July 31 for a trip to the Pacific coast and will attend the S. A. F. convention and the expositions.

D. M. Marss and wife of Vinita, Okla., are in town visiting the different florists for the purpose of getting ideas on concrete benches, etc. Geo. Ecke of Lawrence, Kans., was also a visitor among the florists.

W. J. Barnes says business is good in general. He is cutting some fine gladioli. The asters are starting in now. He is making ready to plant carnations, which will be followed by the general repairs.

Samuel Murray had a good week of funeral work and reports business in general is good for this time of the year. Miss Hayden of this firm is at her home in Wisconsin on a vacation.

Arthur Newell reports business very good for this time of the year, with stock very fine and plentiful. He is handling a large quantity of gladioli.

Ed Humfeld has all his chrysanthemums planted and reports the stock in good condition. Business has been very good, he reports.

M. E. Chander is bringing in some fine gladioli which are taken up every day by the trade. He is also bringing in some dahlias.

H. Kusick & Co. say business holds up well. They are receiving some good gladioli, lilies and a few carnations and roses.

Geo. M. Kellogg Flower & Plant Co. has plenty of stock, which is very fine, and reports the trade is taking it up fast.

Miss Lu Boggess will attend both the fair and convention. E. J. B.

NORRISTOWN, PA.—San Salvator's Church could not accommodate all who desired to attend the services conducted over the remains of the late William Cantanese, florist and manufacturer, and who was one of Norristown's younger and successful business men.

Boston Ferns for Planting

	Per 100	Per 1000
Heavy Stock, 2½-inch - - - - -	\$5.00	\$45.00
BEGONIA CINCINNATI, 3-inch, - - -	20.00	175.00
BEGONIA LORRAINE, 3-inch, - - -	18.00	170.00
Ready for 4-inch.		
ASPAR. PLUMOSUS NANUS, 2¼-in.,	3.00	25.00
“ “ “ Seedlings,		6.00
“ SPRENGERI, Seedlings, - -		6.00

ASK FOR QUOTATIONS ON FALL STOCK.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street, CHICAGO. 43 Barclay Street, NEW YORK.

Greenhouses, Western Springs, Ill.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

CARNATIONS

F. DORNER & SONS CO.,

LaFayette, - - Indiana

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Wholesale Florists

CROMWELL, - CONN.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Mention the American Florist when writing



THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.

440 So. Dearborn St.
CHICAGO.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, \$2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/4-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/4-in., \$3.50 per 100; \$30 per 1,000; 3-in., \$7 per 100; \$65 per 1,000; 4-in., \$12 per 100; \$115 per 1,000. Sprenger and Boston hanging baskets, \$1 to \$3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 2 1/4-inch. \$3 per 100; \$25 per 1,000; Seedlings, \$6 per 1,000. Sprenger, seedlings, \$6 per 1,000. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus to close out, a few hundred, 3-inch at \$5 per 100; also a few 4-inch at \$8 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus plants, from flats, grown from our own greenhouse seed, \$3 per 1,000. B. H. Haverlaad, Mt. Healthy, O.

Asparagus plumosus nanus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Asparagus plumosus, 2-in. pots, \$2 per 100; Sprenger, \$2 per 100; \$17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Begonia Glory of Cincinnati, 2 1/4-inch, fine plants, \$15 per 100; \$140 per 1,000. Lorraine, \$12 per 100. Chatelaine, 2 1/4-inch, \$5 per 100. Xmas Red, 2 1/4-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Lorraine, 2 1/4-in. pots, \$12 per 100; \$110 per 1,000. Begonia Glory of Cincinnati, 2 1/4-in. pots, \$15 per 100; \$140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BEGONIAS.

Begonia Cincinnati, 3-inch, \$20 per 100; \$175 per 1,000. La Lorraine, 3-inch, \$18 per 100; \$170 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Cincinnati, 2 1/4-inch, \$17.50 per 100; \$150 per 1,000; Begonia Lorraine, 3-inch, \$20 per 100; 4-inch, \$25 per 100. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia Gloire de Chatelaine and Pfitzeri Triumph, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Chatelaine, 2 1/4-inch, \$3.50 per 100; 3-inch, \$8; 4-inch, \$15. Poehlmann Bros. Co., Morton Grove, Ill.

BOXWOOD.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, French Paper White Grandiflora, fancy, 1,250 bulbs to case, \$8.50 per 1,000; Star Brand, 1,000 bulbs to case, \$11 per 1,000. Precocious, Vaughan's extra early Grandiflora, select bulbs, \$9 per 1,000; mammoth bulbs, \$12 per 1,000. Lilium Formosum, new crop, 7-9-inch, 250 bulbs to case, \$80 per 1,000; 9-10-inch, 180 bulbs to case, \$80 per 1,000. Lilium Harrisii, best Bermuda, 7-9-inch, 200 to case, \$75 per 1,000; 9-11-inch, 100 to case, \$180 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Freeseas—Purity (true), 5/8-in. and up, \$2 100; \$13 per 1,000; 3/8-in. to 1/2-in., \$1.25 per 100; \$10 per 1,000. Vaughan's Improved Purity: 5/8-in. and up, \$2 per 100; \$18 per 1,000; 1/2 to 5/8-in., \$1.75 per 100; \$15 per 1,000; 3/8 to 1/2-in., \$1.50 per 100; \$12 per 1,000. French grove: Jumbo, 5/8-in. and up, \$10 per 1,000; mammoth, 1/2 to 5/8-in., \$5 per 1,000. Vaughan's Seed Store, Chicago and New York.

PURITY FREESIA BULBS. Wholesale trade only. We have filled our 1915 contracts and have a few thousand left. If for any reason your growers can't fill your orders, write or wire us. Prices right. SANTA CRUZ FREESIA BULB GROWERS' ASS'N, Santa Cruz, Calif.

Freesia bulbs, Purity, 3/8 to 1-inch, \$1.70 per 100; \$16 per 1,000; 5/8 to 3/4-inch, \$1.50 per 100; \$14 per 1,000; 1/2 to 5/8-inch, \$1.25 per 100; \$11 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Lilium Canadense, Philadelphicum and Superbum to large quantities; also native trees, plants and seeds. L. E. WILLIAMS, Exeter, N. H.

CALLA BULBS, 1 1/4 to 1 1/2-inch, \$30 per 1,000; 1 1/2 to 2-inch, \$50 per 1,000. EMILE SERVEAU, 2112 Fillmore St., San Francisco, Calif.

Bulbs; cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kastig Co., 383-387 Elliecott St., Buffalo, N. Y.

Callas, mammoth bulbs, \$12 per 100. E. R. Tauch, Marquette, Mich.

BULBS.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch, Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

French bulbs. Prices on application by wire or mail. A. & L. Bremond Freres, Orlhoules, Var., France.

Bulbs of all kinds, Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, King Humbert, 3-inch, \$5 per 100; 4-inch, \$7 per 100. Florence Vaughan, 3-inch, \$4 per 100; 4-inch, \$6 per 100. Express, 3-inch, \$5 per 100; 4-inch, \$7 per 100. ERNEST ROBER, Wilmette, Ill.

CANNAS, good varieties, strong plants in 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

FINE FIELD CARNATIONS.
Strong, clean, bushy plants.

White Enchantress	100	1,000
Pink Enchantress	\$5.00	\$45.00
Rose Pink Enchantress	5.00	45.00
White Perfection	5.00	45.00
Washington	5.00	45.00
Bright Spot	5.00	45.00
Beacon	5.00	45.00

THOS. SALVESON,

Petersburg, Illinois

WE HAVE READY NOW FOR IMMEDIATE SHIPMENT FROM THE FIELD 400,000 WELL ESTABLISHED CARNATION PLANTS, INCLUDING THE FOLLOWING VARIETIES:

	PER 100
WHITE WONDER	\$7.00
WHITE PERFECTION	6.00
WHITE ENCHANTRESS	6.00
PINK ENCHANTRESS	6.00
WINSOR	5.00
PHILADELPHIA	8.00
BEACON (RED)	6.00
COMFORT (SCARLET)	6.00

LET US QUOTE YOU ON LARGE QUANTITIES. WE GUARANTEE EVERY PLANT THAT WE SEND OUT.

PITTSBURGH CUT FLOWER CO.,
121 7TH ST., PITTSBURGH, PA.

FIELD-GROWN CARNATION PLANTS.

	100	1,000
Enchantress Supreme	\$8.00	\$70.00
Champion	8.00	70.00
Philadelphia	7.00	65.00
Beacon	7.00	60.00
White Perfection	7.00	60.00
White Wonder	7.00	60.00
Enchantress	6.00	55.00
Mrs. C. W. Ward	6.00	55.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

GEORGE PETERS & SONS,
HEMPSTEAD, NEW YORK.

CARNATION FIELD PLANTS.

IMMEDIATE DELIVERY.

Extra strong carnation field plants, having from 12 to 20 shoots. Northport, Enchantress, White Enchantress, Commodore, C. W. Ward, \$6 per 100; \$50 per 1,000. White Wonder, Peerless, \$7 per 100; \$60 per 1,000. Champion, Matchless, \$8 per 100; \$70 per 1,000.

J. D. Thompson Carnation Co.,
Joliet, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

25,000 FINE FIELD-GROWN CARNATION PLANTS.		
	100	1,000
White Wonder	.....\$6.00	\$50.00
Enchantress	.....6.00	50.00

SINNER BROS.,

158 North Wabash Ave., Chicago.

CARNATION PLANTS—HEALTHY STOCK.

	100	1,000
Matchless	.....\$8.00	\$70.00
White Wonder	.....6.00	50.00
Perfection	.....5.00	40.00
Akchurst	.....15.00	.....
Enchantress	.....5.00	40.00
White Enchantress	.....6.00	50.00
Dark Enchantress	.....5.00	40.00
Ward	.....5.00	40.00

EDWARD WOODFALL,

Glen Burnie, Maryland

CARNATIONS, planted in the field early, from 2½ and 3-inch pots, strong bushy and healthy: 2,000 Light Pink Enchantress, \$5 per 100; \$50 per 1,000. 2,000 White Perfection, \$4 per 100; \$40 per 1,000. Cash. If not ready to plant, order now and we will reserve. JOSEPH DANCROFT & SON (Inc.), Cedar Falls, Iowa.

Field-grown carnations: Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, \$4.50 per 100; \$40 per 1,000. White Perfection, \$4 per 100; \$35 per 1,000. Mrs. C. W. Ward, \$4 per 100; \$35 per 1,000. Philadelphia, \$5.50 per 100; \$50 per 1,000. Zee Symonds, \$4.50 per 100; \$40 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD-GROWN CARNATIONS. — Large, strong, healthy plants: Victory, \$5 per 100; \$40 per 1,000. White Perfection, \$5 per 100; \$40 per 1,000. Also a few Joy, Champion, Afterglow and Rosette at clean-up prices. J. A. BUDLONG, 82-84 East Randolph St., Chicago.

HARDY CARNATIONS, good thrifty plants, \$2.50 per 100. SWEET WILLIAMS, fine mixed, \$1.50 per 100. Cash, please. GEORGE POPP, JR., Fort Recovery, Ohio.

Carnations, field-grown, as long as they last, \$6 per 100; \$55 per 1,000. Pöehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnation plants, Rose Pink Enchantress, \$5 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.		
	Per 100	Per 1,000
Smith's Advance	.....\$2.00	\$15.00
October Frost	.....2.00	15.00
Alice Byron	.....2.00	15.00
Alice Salomon	.....3.50	30.00
Chas. Razer	.....2.00	15.00
Lyawood Hall	.....2.00	15.00
CRIMSON.		
Shrimpton	.....2.00	15.00

YELLOW.

Chrysolora	.....2.00	15.00
Ramapo	.....2.00	15.00

PINK.

Amorita	.....2.00	15.00
McNiece	.....2.50	20.00

CHRYSANTHEMUMS FROM 2½-INCH POTS.

	Per 100	Per 1,000
Smith's Advance	.....\$2.50	\$20.00
October Frost	.....2.50	20.00
Alice Salomon	.....4.00	35.00
Alice Byron	.....2.50	20.00
Chas. Razer	.....2.50	20.00
Lynwood Hall	.....2.50	20.00
Shrimpton	.....2.50	20.00
Golden Salomon	.....4.00	35.00

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.

Last call for chrysanthemums, including some of the newer ones. Ask for list, \$3 per 100; \$25 per 1,000. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Pompon chrysanthemums, good assortment, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Pöehlmann Bros. Co., Morton Grove, Ill.

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	.....\$2.00
Lulu, white	.....2.00
Baby, yellow	.....2.00
Overbrook, yellow	.....2.00
Mrs. Astor, yellow	.....2.00
Sabey, yellow	.....2.00
Cubit, tan	.....2.00
E. D. Godfrey, pink	.....2.00
Ladysmith, pink	.....2.00
Crossus, bronze	.....2.00
Tiber, brown and red	.....2.00
Mensa, white	.....2.00
Quinola, yellow	.....2.00
Pretoria, yellow	.....2.00
Golden Climax, yellow	.....2.00
Excelsior, yellow	.....2.00
Zenobia, yellow	.....2.00
Mary Richardson, terra cotta	.....2.00
Emile, pink	.....2.00
Agloi, variegated	.....2.00
H. Hicks, brown	.....2.00
Mrs. Beu	.....2.00
Baby Margaret	.....2.00
Klondyke	.....2.00

CUT BACK POMPONS.

Diana	.....\$2.00
Mensa	.....2.00
Quinola	.....2.00
Baby	.....2.00
Pretoria	.....2.00
Agloi	.....2.00
Tiber	.....2.00
H. Hicks	.....2.00
Golden Climax	.....2.00
Overbrook	.....2.00
Mrs. Astor	.....2.00
Excelsior	.....2.00
Sabey	.....2.00
Zenobia	.....2.00
Mrs. Cubit	.....2.00
Mary Richardson	.....2.00
E. D. Godfrey	.....2.00
Emile	.....2.00
Ladysmith	.....2.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA 3-inch, staked, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS.

Coleus, cut back, have good, grown top; sample sent, the best brand, fine stock plants, 3-inch, \$4 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

COLEUS, 2-inch, mixed, \$2 per 100; \$18 per 1,000; 3-inch, \$4 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS, good assortment, 2½-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 4-inch, 35c each; 5-inch, 50c to 75c. Pöehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN, my prize strain, ready in August: Perle and Rose of Zehlendorf, 4-inch, 20c. Glory and Rose of Wandsbek, 4-inch, 18c. White, glaring red, 4-inch, 15c. White red eye, Victoria, 4-inch, 15c. Every one a good one. Cash with order, please. RALPH J. SOUTHERTON, Highland Park, Ill.

Cyclamen Gig., Wandsbek type, finest in existence, 2½-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, \$10 per 100; \$90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen from 3-inch pots, best varieties, \$10 per 100. Vaughan's Seed Store, Chicago and New York.

Cyclamen, 3-inch, 5 colors, \$7.50 per 100. Jos. Chontos, 1314 5th Ave., McKeesport, Pa.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACAENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

California's well known, and most beautiful fern, "Five Finger;" strong stock, fronds 5-in. to 14-in., tall, \$40 per 1,000; \$20 per 500; \$7 per 100. Woodwardia ferns same size and same price as "Five Finger." Prompt shipment. Ferns cash. T. E. HOFFMAN, Los Gatos, Calif.

FERNS.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfieldii, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfieldii, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,

Exclusive Fern Growers,

SPRINGFIELD, OHIO.

BOSTON, ROOSEVELT, WHITMANI,

SCHÖLZELEI.

Dark green—Choice Stock—Low Price. Boston, Roosevelt, Whitmani, Scholzelei, 3-inch, 8c.

Boston, Roosevelt, 4-inch, 12½c.

Boston, Whitmani, 6-inch, 45c.

GULLETT & SONS, LINCOLN, ILLINOIS.

Boston Ferns, fine 6-inch, 35c—100; smaller lots, 40c. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

BOSTON FERNS, a few hundred 3-inch, at \$6 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

ADIANTUM HYBRIDUM, 3-inch, 5c; 2½-inch, 3½c; 4-inch, 10c. Satisfaction or money back. LEY & BRO., Highland, N. Y.

Ferns in flats, all varieties, \$2 per flat, 20 or more flats, \$1.75 each. McHutchison & Co., 17 Murray St., New York.

Boston ferns for planting, 2½-inch, \$5 per 100; \$45 per 1,000. Vaughan's Seed Store, Chicago and New York.

Boston Ferns, fine 2½-inch, \$4 per 100; \$35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

GERANIUMS.

GERANIUMS, S. A. Nutt, 4-inch, few double pink and Richmond, fine plants in bloom; fine plants for stock. Cash, last call, 4-inch, \$7 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

GERANIUMS, Nutt, Grant, Perkins, Vlaud, La Favorite, 4-inch, \$7 per 100. Variegated, Nutt, 2½-inch, \$5 per 100. Silver leaf, 2-inch, \$2 per 100. Rose geraniums, 4-inch, \$7 per 100. ERNEST ROBER, Wilmette, Ill.

Geraniums, standard varieties, 3-inch, \$3 per 100; \$25 per 1,000. Booking orders for next season delivery of 2-inch, \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GREENS.

Greens, *Lyrata*, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, *Lyrata*, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Prepared magnolia leaves, green, brown, red and purple, \$1 per carton. Kaud Nielsen, Evergreen, Ala.

Clean Huckleberry Foliage, \$2.50 per crate or bale; terms cash. T. E. Hoffmann, 424 Seneca St., Palo Alto, Calif.

Green galax, 40c per 1,000. Leucothoe, standard size, \$2.50 per 1,000. Mt. Mitchell Decorative Evergreen Co., Marion, N. C.

HARDY FERNS.

HARDY FERNS. Illustrated descriptive list mailed. L. MOSBÆK, Ferndale, Askov, Minn.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

HYDRANGEAS.

HYDRANGEAS, *Otaksa*, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Bruu's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2 for 100. Florists' Money Maker, best valley at moderate prices, \$14 for 1,000; \$7.50 for 500; \$4 for 250. H. W. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

MISCELLANEOUS.

Chrysanthemums, cyclamens, begonias, primulus, cinerarias. Alonzo J. Bryan, Washington, New Jersey.

UMBRELLA plants, strong 3 to 5-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, *Kentia Belmoreana*, 6-in., 6-7 leaves, 22 ins. high, \$1 each; \$12 per doz. *Phoenix Roebelenii*, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, \$7.50 to \$35 each. Julius Roehrs Co., Rutherford, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

Leaves.	Inches high.	Each.
4-inch pots, 6 to 7,	18	....\$ 0.40
6-inch pots, 6 to 7,	24	.... 1.00
6-inch pots, 6 to 7,	28 to 30	.... 1.50
6-inch pots, 6 to 7,	32 to 34	.... 2.00
7-inch pots, 6 to 7,	36	.... 3.00
8-inch tubs, 6 to 7,	38	.... 3.50
8-inch tubs, 6 to 7,	48	.... 5.00
8-inch tubs, 6 to 7,	58 to 64	.... 7.50

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins...\$ 1.50
7-inch pots, 3 plants in a pot, 38 ins... 3.50
Specimens, very heavy.....\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

Leaves.	Inches high.	Each.
4-inch pots, 5 to 6,	18 to 20	....\$ 0.40
6-inch pots, 5 to 6,	28 to 30	.... 1.00
6-inch pots, 6 to 7,	34 to 36	.... 1.50
6-inch pots, 6 to 7,	38 to 42	.... 2.00
6-inch pots, 6 to 7,	44 to 46	.... 2.25
8-inch tubs, 6 to 7,	46 to 48	.... 3.50
8-inch tubs, 6 to 7,	50 to 54	.... 5.00
8-inch tubs, 6 to 7,	5 ft.	.... 6.00
10-inch tubs, 6 to 7,	5 to 5½ ft.	8.00
10-inch tubs, 6 to 7,	6 to 6½ ft.	10.00

PHOENIX ROEBELII.

Each.

4-inch pots, nicely characterized	.....\$ 0.50
7-inch pots, 22 ins. high, 30 to 32-in. spread	..... 2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	..... 2.50
8-inch tubs, grand specimens	..... 3.50
10-inch tubs, grand specimens	.....\$5.00 to 7.00

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot	.....\$ 1.00
7-inch pots, 3 plants in a pot	..... 2.00
8-inch tubs, 5 plants in a tub	..... 3.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

PEONIES.

Peonies. We are booking orders now. We will fill them Sept. 1st. See advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

FRENCH PEONIES can be shipped with celerity and security via Bordeaux-New York. Catalogues free. Dessert, PEONY SPECIALIST, Chevauxaux (T. & L.), France.

Peonies. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

PETUNIAS, double mixed, 2-inch, \$3 per 100; single, 3-inch, \$4 per 100. ERNEST ROBER, Wilmette, Ill.

POINSETTIAS.

POINSETTIA HEADQUARTERS.

True type, all top cuttings, 2½-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$7 per 100. Booked orders in advance for summer delivery. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2½-inch pots, plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

Poinsettias, true type, large bract kind, 2½-inch paper pots, \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Poinsettias, the stock that will suit, 2½-inch, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Poinsettias, 2½-inch pots, \$5 per 100. Jos. Chontos, 1314 5th Ave., McKeesport Pa.

PRIMULAS.

PRIMULA OBCONICA RONSDORFER HYBRIDS, grandiflora, separate colors or mixed, 2-inch, 2½c. Gigantea, 5 separate colors or mixed, 2-inch, 2½c. *Chineosis*, separate colors or mixed, 2-inch, 2½c. *Malacoides*, lavender, pink and white, 2-inch, 2½c. Cash. TOLEDO GREENHOUSES, 2839 Chestnut St., Toledo, Ohio.

Primula *obconica grandiflora* and *Glg.*; Primula *Malacoides*, transplanted seedlings ready to pot, \$2 per 100; \$13 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA, Miller's Giant, free flowering fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

Primroses, Chinese, Forbes, Malacoides, *obconica alba*, rosea, Ruby, \$2 per 100. *Obconica Gigantea*, \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch	.....\$4.00	\$35.00
White Killarney, 2-inch	..... 4.00	35.00
Killarney Brilliant, 2-inch	..... 7.00	60.00

WIETOR BROS.,

CHICAGO.

GRAFTED ROSES—VERY FINE.

Killarney, White Killarney, 3-inch	.....\$10.00
Killarney Brilliant, 3-inch	..... 10.00

BENCH PLANTS.

150 Aaron Ward, grafted, one-year	.....\$5.00
650 Milady, grafted, one-year	..... 5.00
300 Killarney, grafted, two-year	..... 4.50

GULETT & SONS, LINCOLN, ILLINOIS.

Winter flowering roses, 3½ and 4-inch pots. *Opheia*, Francis Scott Key, Mme. Edmond Rostaad and Crimson Queen, \$20 per 100. Mrs. George Shawyer, Killarney Brilliant, Sunburst, Prince E. C. d'Arenberg, Lady Hillingdon, Mrs. Aaron Ward, Killarney Queen, Richmond, White Killarney, \$15 per 100. All of the above are grafted plants, with the exception of Francis Scott Key, Mme. Edmond Rostaad and Sunburst—which are own root stock. F. R. Pierson Co., Tarrytown, N. Y.

Surplus stock of Pink and White Killarney, 2½-inch, at \$30 per 1,000. Mrs. George Shawyer, 3-inch, at \$40 per 1,000. L. B. Coddington, Murray Hill, N. J.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

English roses at German prices. Bees, Ltd., 1075 Mill Street, Liverpool, England.

Roses. Geo. A. Kuhl, Pekin, Ill.

SEEDS.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurf, Swedesboro, N. J.

Seeds, specialties: beets, mangoca, carrots, cabbages, celerias, parsleys, parsnips, turnips. R. & M. Godineau, Angers, France.

The Kenilworth Giant Pansy seeds. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Pansy seed, giant, finest mixture, 1 pkt., 5,000 seeds, \$1; ½ oz., \$2; oz., \$4. E. B. Jennings, Box 254, Southport, Conn.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general, Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, Specialists: pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Piedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Straits. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunninga, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our speciality. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Pansy seed, giant flowering, oz., \$4. Jos. H. Cunningham, Delaware, Ohio.

SMILAX.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gandy, Golden Gate, Hermitage, Hudson Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fedall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

CELERY PLANTS: Golden Self-Bleaching (French strain), Giant Pascal, White Plume and Winter Queen, fine plants, ready for field, \$1.50 per 1,000; \$1 in 10,000 lots. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VERBENAS.

VERBENAS, transplanted, \$1 per 100; \$3 per 1,000; 2 1/2-inch, \$2.50 per 100. ERNEST ROBER, Wilmette, Ill.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Meed your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass, Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Soos Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Jakes-Braun Mill Co., 2340 Wabasha Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimate on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1500 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fluogine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Sealine, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grassell Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid-NICO-FUME—Paper, for thrips, aphids, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Raffia imported by us direct from Madagascar, West Africa. Regular, 10 lbs., 17c per lb.; 25 lbs., 15c per lb.; 100 lbs., 12 1/2c per lb.; bale, 10 1/2c per lb. Florists' Special, 10 lbs., 19c per lb.; 25 lbs., 17c per lb.; 100 lbs., 13 1/2c per lb.; bale, 11 1/2c per lb. Vaughan's Seed Store, Chicago and New York.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Galvanized Wire Stakes, 3 ft., No. 9 wire, \$6.40 per 1,000; 3 1/2 ft., No. 9 wire, \$7.50; 4 ft., No. 9 wire, \$8.50; 5 ft., No. 8 wire, \$12.85; 6 ft., No. 8 wire, \$15.50. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Best stock catalog for nurserymen, 80 pages, 6x9-in. Gillies Litho. & Printing Co., Inc., Rochester, N. Y.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whillditt Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hillfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ACTUAL RESULTS == NOT PROMISES

Kroeschell Replaces Three Cast Iron Boilers.

We do not have to fire our boiler as often as our brother florists who are using different makes. The Kroeschell has replaced three cast iron sectional boilers, and it certainly has given entire satisfaction. It only takes a few words to express the good quality of your boilers and they are as follows: "Of all firms handling boilers and advertising them truthfully, the party buying a boiler would have to get the Kroeschell, as you are certainly advertising nothing but the facts."
 (Signed) ALEXANDER A. LAUB.
 July 18, 1913. New Hamburg, N. Y.

Kroeschell Replaces Two Cast Iron Boilers.

The Marysville Floral Co., of Marysville, O., installed a No. 4 Kroeschell Boiler in 1905. Previous to this time they used cast iron boilers. The following letter speaks for itself:
 "Has the Kroeschell given entire satisfaction? Yes! We had two cast iron boilers, but yours proved by far the best. Your boiler has already outlasted the two cast iron boilers by five years, and all the expense that we have been put to was a smoke dome."
 (Signed) MARYSVILLE FLORAL CO.
 July 21, 1913, Marysville, O.

Get the Kroeschell First.

Several years ago Mr. Ponting corresponded with us in regard to the Kroeschell Hot Water Boiler, but was persuaded to install two sectional cast iron boilers which were claimed to be superior to the Kroeschell. In the meantime we placed a number of Kroeschell Boilers in the immediate vicinity of Mr. Ponting, and he could not help but notice their great efficiency, and last year, while at the convention, he placed his order for his first Kroeschell. The following letter speaks for itself:
 "We like the Kroeschell Boiler very much. It gives entire satisfaction, and it is so easy to fire. I will trade you the two cast iron sectional boilers for another like the Kroeschell I have."
 July 16, 1913. Cleveland, Ohio. (Signed) FRED PONTING.

Kroeschell Bros. Co., Buy Direct—Factory to user prices. **452 W. Erie St., Chicago, Ill.**

Los Angeles.

Chas. Winsel, seedsman and nurseryman reports business at the store a little dull. At the nursery at Montebello he is digging large quantities of freesia bulbs. Considerable time and attention is being paid to the budding of rose novelties. He is not going into the newer varieties very strong, as his patrons are constantly demanding the older standard sorts, of which he has large quantities. Mr. Winsel is a strong advocate of the paper pot for tomato and pepper plants, many perennials, roses and deciduous trees. By using the six-inch paper pot he is selling rose bushes throughout the summer, thus disposing of many bushes that otherwise he would have to hold over, and at the same time furnishing his customers with the goods when they want them.

The majority of the local trade are preparing to take their vacation early in August at San Francisco, where they can attend the conventions of the Pacific Coast Association of Nurserymen, California Association of Nurserymen, American Rose Society, Society of American Florists and the American Association of Park Superintendents. The conventions begin August 12 and follow in order named to August 20. September 1-3 is the convention of the American Pomological Society. By taking their vacations at this time they can see the exposition and attend all conventions.

Edwin Lonsdale, who has been confined to his bed in a Los Angeles sanitarium, is improving, but slowly. The color is coming back to his face and he feels that the time will soon come when he will be able to again take up his duties at the Lompoc seed farm. Members of the trade call on him at intervals and keep up his good cheer.

Miss Rohr, the florist, reports that owing to the summer season, with so many of her patrons on vacations, business with the clubs and orders for social events are rather slow, but that funeral and lodge orders keep her busy all the while. Her out of town business is comparatively good.

G. E. Elster, of Armstrong Nurseries, Ontario, Calif., was a visitor this week, calling on his old friends here and transacting business for his firm. He seems very well satisfied with his new position, which spells success for him and more business for the company.

GREENHOUSE LUMBER

LOCKLAND LUMBER CO., Lockland, O.

1866-1915

"ALL-HEART" CYPRESS WORKED TO SHAPES. HOTBED SASH. PECKY CYPRESS. SQUARE RED CEDAR POSTS.

PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels and Florists' Tags.** Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
 542 S. Dearborn St., Chicago.

Model Extension Carnation Support.

Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98. **Galvanized Wire Rose Stakes.**—Write for prices before ordering elsewhere. Prompt shipment guaranteed

IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

—Send For Prices—

404-412 East 34th St. **NEW YORK**

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.

518 Milwaukee Ave., Chicago, Ill.

The Child-Southard Company of West Washington street is making a great success with its patent paper pots. Several of the most prominent seedsmen and nurserymen in this lo-



Six Glass Cutters in One "RED DEVIL" No. 5

will cut over 5000 feet of greenhouse glass or any other kind. Five extra hand honed wheels in handle.

Sample mailed for 20c. Booklet free. **SMITH & HEMENWAY CO., Inc.** 170 Chambers St., New York City

Boilers OF HIGH GRADE..... For GREENHOUSES

See Our Catalogue.

Steam and Hot Water **GIBLIN & CO., Utica, N. Y.** Mention the American Florist when writing

Everything for the Greenhouse J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. CINCINNATI Union Central Life Bldg. NEW YORK Marbridge Bldg

Mention the American Florist when writing

GLASS

We are leaders. Large stock, good prices.

SHARP, PARTRIDGE & CO. CHICAGO, ILLINOIS.

Mention the American Florist when writing

LIQUID = "NICO-FUME" = PAPER

40% Nicotine.
 8-lb. can.....\$10.50
 4-lb. can..... 5.50
 1-lb. can..... 1.50
 1/4-lb. can..... .50

288 sheet can.....\$7.50
 144 sheet can..... 4.00
 24 sheet can..... .85

THRIPS, = APHIS

SPRAYING—VAPORIZING—FUMIGATING

Your Dealer has these Prices


Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.

Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.
HENRY A. DREER,
 714 Chestnut Street, Philadelphia.

FULL SIZE N^o 2



MASTICA

FOR Greenhouse Glazing

USE IT NOW.

F. O. PIERCE CO.
 12 W. BROADWAY
 NEW YORK



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

cality have given them a thorough trial and pronounce them excellent.

Mr. Moller, auditor for the Fancher Creek Nurseries, of Fresno, has been spending much time with the Roeding & Wood Nursery Co., auditing their books, closing up the past season and preparing for the fall and winter campaign.

Paul G. Staiger, who has taken over the business of Staiger and Mundwiler, is making improvements both at the office and salesyard, on West Washington street, Los Angeles, and at the nursery at Lomita, Calif.

HAL S. KRUCKEBERG.

Danville Florists' Club.

About 50 persons, including members of the Danville Florists' Club, their families and friends, attended one of the most enjoyable outings in its history, July 15, at Homer park. Games and the varied amusements of the park furnished diversion, and with boating, swimming and dancing the crowd spent a long happy day. At the picnic dinner fried chicken predominated, reinforced with all the regular "trimmings," and when the supper tables were spread another supply of good things were brought forth. The automobile trip back to the city by moonlight was one of the pleasant features of a delightful day. H. C. T.

Clay's The World Power in the Soil.

CLAY'S FERTILIZER

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 EVERY GENUINE
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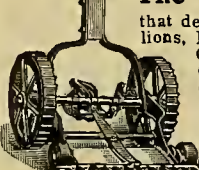


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THE AMERICAN FLORIST



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Vol. XLV.

CHICAGO AND NEW YORK, AUGUST 7, 1915.

No. 1418

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American Florist Co., 440 S. Dearborn St., Chicago.

**SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS.**

OFFICERS—PATRICK WELCH, Boston, Mass.,
President; DAN MACRORIE, San Francisco, Calif.,
Vice-President; JOHN YOUNG, New York, Secre-
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Next annual convention at San Francisco, Calif.,
August 17-19, 1915.

THE SAN FRANCISCO

Convention Number

—OF—

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American Florist Co.
440 S. Dearborn St., CHICAGO

Canadian Horticultural Association.

Eighteenth Annual Convention, London, Ont., August 3-5, 1915.

The Opening Session.

The eighteenth annual convention of the Canadian Horticultural Association was well attended, over 100 members representing nearly all parts of Canada being in attendance when the body convened in Hymans' hall, Tuesday afternoon, August 3. The meeting was called to order by the local chairman, E. B. Hamilton, who introduced Mayor Stevenson. This gentleman extended to the visitors a most hearty welcome to the city of London, and during the course of his remarks, displayed a comprehensive knowledge of matters horticultural. F. Adams, of Toronto, replied to the mayor's welcome, bringing his remarks to a patriotic close that caused the hall to ring with cheer after cheer.

The address of the president, H. B. Cowan, Peterboro, Ont., followed, and his review of the activities of the association during the year was received with enthusiasm and was followed by a discussion. The secretary-treasurer of the organization, Julius Luck, Montreal, Que., presented his reports which showed the association to be in a flourishing condition, with a substantial increase in membership since the annual report of a year previous. The tariff committee, through its chairman, J. Cannon, Hamilton, Ont., made its report, dealing chiefly with the British embargo against Belgian plants, and ways and means to relieve the impediment. A paper on "Fertilizers," by Prof. R. Harcourt, Guelph, Ont., was one of the interesting features of the session and called forth many questions.

Following the announcements, at the close of the session the members found autos in waiting, and were escorted to the J. Gammage & Sons' conservatories, being splendidly entertained as the guests of that firm.

The committee in charge of the programme is credited with the arrangement of one of the most interesting collections of papers and discussions in the history of the association, the

range of subjects being not alone varied, but of much educational value. Among the papers and lectures listened to during the convention were the following: "The Cost of Producing Florists' Stock", by A. L. C. O'Brien, Toronto, Ont.; "Irrigation", by Prof. T. G. Bunting of McDonald College; "Insects and Pests that Affect Rose Stock", by W. A. Ross, Dominion Entomological Laboratory, Vineland, Ont.; "Perennials", by W. J. Potter, Toronto, Ont.; "Orchids", by W. J. Jones, Dale Estate, Brampton, Ont.

Wednesday afternoon was set aside for the entertainment of the visiting members, the programme including a trolley trip to Port Stanley over the new electrified road; a baseball game scheduled between London and Canada, followed by luncheon at the Casino at 6 p. m., and the return trip to the city on a special car later in the evening. Thursday afternoon the programme was given over to auto trips to the camp grounds, points of interest in the city, Springbank park and the greenhouses of Fred Dicks.

The annual banquet of the association which was held at the City hotel, Thursday evening was a delightful affair, and brought to a close one of the most successful and most thoroughly enjoyed gatherings in the history of the organization.

The trade exhibit section was a successful feature of the meeting, a large number of exhibits being arranged by firms in both Canada and the United States, and all of the displays proved interesting.

President Cowan's Address.

To the Members and Friends of our Association:

A year ago our association convened in the city of Toronto for its seventeenth annual convention under most trying circumstances. The fearful war, which has since ravaged Europe and affected so many other countries and peoples, had just been declared. A tendency towards panic was evident in business circles. Business conditions

were upset. No one deemed able to intelligently estimate what the next few months or year might bring forth. Today we gather for our eighteenth annual convention under much more auspicious circumstances. In the interval, a year fraught with many of the most momentous events in the world's history has passed. While the war which has been and is still being fought has been the most frightful the world has ever known, and while it has had consequences of far reaching importance, it has left us on the whole comparatively little affected. There are those among us who have friends and relatives at the front and some maybe who have lost dear ones—and to all such our hearts go out in deepest sympathy—nevertheless, life in Canada has continued largely on normal lines and business conditions have not been affected to anything like the extent that it was first expected would be the case.

As we look back over the year we realize that we have much to be grateful for. While some of us may not approve of war as the best means of settling international difficulties, the nations as yet have not adopted any other method. This being the case we have much for which we can give heartfelt thanks. Our enemies, in spite of their long years of preparation, have failed in their effort to over-run France, to seize Calais and thus to dominate the English Channel and to crush Russia. The people of Great Britain, although almost totally unprepared for war, have rallied heroically and have counted no sacrifice too great to make for the cause which all have at heart. Thus, while no one can determine how soon the issue may be decided, we look with calm confidence for a successful outcome for the allies in the war that is now raging.

May we not learn a lesson out of what has happened during the past few months. Because the business in which we are engaged is looked on by many as pertaining to luxuries rather than to the necessities of life, it was natural to expect that it would be among the first to feel the effect of the war and the last to recover therefrom. At the outset, therefore, it was natural to expect that the winter's and spring's trade would be seriously affected and that possibly heavy losses would have to be sustained by many. So general was this feeling that some florists failed to prepare for the Christmas and New Years trade on the scale that subsequent events proved they would have been justified in doing. As we know trade on the whole has held up wonderfully. The Christmas and Easter seasons surpassed all expectations. While there have been quiet periods, trade on the whole has held its own remarkably well. What falling off there has been in sales has been largely, if not entirely offset by the making of economies as well as by an increased effort for higher business efficiency. Today, in spite of the war, conditions of the trade on the whole are such as to not only prove encouraging on the whole, but full of promise for the future. Let us therefore take to heart the scriptural admonition to "Take no anxious thought for the morrow for the morrow shall take thought for the things of itself." Let us anticipate good trade in the future—prepare for it, work for it and thus deserve it when it comes.

Three important matters have occupied the attention of your executive during the past year. At our last con-

vention, a committee was appointed with authority to ask the government for a grant of \$1,000 should a favorable opportunity for the taking of such action present itself during the year. At that time it was not known how long the war might last. It was realized that should the war continue the government would have many calls upon its resources and that this condition would have to be considered. In view of the fact that the government has found it necessary to impose new taxes as a means of raising revenue, your committee has not deemed the time favorable for the pressing of this matter and therefore, no action has been taken. It will be for you to decide whether or not this committee shall be continued.

The establishment of a national plant register was given considerable attention at our last convention. A committee composed of H. J. Moore, James McKenna, and W. T. Macoun, was appointed to look into the matter further and report at this convention. This committee has been giving the matter its earnest consideration during the past year and will have an important report to present at this convention. The chairman of the committee, H. J. Moore, has recognized the difficulties that naturally presented themselves when the feasibility of establishing a plant registry was considered. I trust that the report he will present on behalf of the committee will show that many of these difficulties have been overcome.

Within the past few months your executive has received an appeal to use its influence through the Dominion government on the Imperial government in Great Britain to have the trade restrictions with Belgium in the purchase of florists' stock removed. In this connection it has been pointed out that the people of Belgium are our allies, that the restriction on trade with that portion of Belgium now under the control of Germany are injuring people who are friendly to us as well as many florists in the United States and Canada. It has been intimated that it should be possible to so regulate trade in florists' supplies that it would benefit not only the florists on this side of the Atlantic, but the florists of Belgium, without indirectly benefiting the enemy. Your executive has realized that the issue thus raised is an important one which could not be lightly dismissed. Before, however, venturing to discuss the proposal with our government authorities, it was felt wise to consult the Danish consul at Ottawa. In this way it was hoped to ascertain if the Belgium government would be favorable to the taking of such action. Correspondence has been conducted with Mr. Goor, the Danish consul. The replies received have been somewhat ambiguous, so much so in fact, that we have hesitated to take action and recently decided that as the time of our convention was approaching it would be advisable to defer action until this convention should have an opportunity to pass upon the points that have been raised. As this matter is one which pertains to the activities of the tariff committee it will be laid before you in connection with the report of that committee. The correspondence that has taken place will be open for your consideration.

An earnest effort has been made to provide a programme for this convention which would be helpful to the members of our association. Whether or not this effort will prove successful

will depend entirely upon the spirit with which we enter upon its consideration and join in the discussions which we trust will take place. Able speakers will take part. Past experience has shown, however, that the discussions which follow, even the most carefully prepared papers are of more benefit than the addresses themselves. There are many in attendance at this convention who are able to give much helpful information drawn from their own practical experience. We hope therefore, that all will join heartily in the discussions in order that the greatest good for all may thus be derived.

One point especially deserves special mention. At past conventions discussions have been held concerning the feasibility of introducing cost finding methods in connection with the florist business. These methods have proved very helpful and even the salvation of many other business enterprises. They should prove equally beneficial in the florist trade. Year by year competition grows keener. Year by year also, the inefficient are crowded down into subordinate positions in the commercial and business world until they become the employes and assistants of those better equipped to direct and control industrial enterprises. The man who conducts his business by guess work will sooner or later go to the wall. A proper cost finding system enables the up-to-date business man to know where he stands at all times. An expert is to address us on this subject at this convention, and it is to be hoped that great good for the trade will result from this address.

Again we have reason to be thankful for the special Providence which seems to watch over the past presidents of this association. During the seventeen full years that this association has been organized it has had sixteen different men occupy the presidential chair. All sixteen are living and in good health. A considerable number are present with us at this convention. This is a record that is unique among associations of this character.

Our London hosts have extended to us a hearty welcome. They have prepared for us right royally. They expect us to enjoy ourselves to the full throughout our stay in their beautiful city. Let us, therefore, arise to the occasion and not only join freely in the discussions, but in the social features as well. We receive the most benefit ourselves, when we give the most freely unto others. Let us keep this thought before us and thus help to make this, the eighteenth annual convention of our association, such a success that we will long look back to it with pleasure as one of the best conventions which our annals record.

Secretary-Treasurer's Report.

It gives me great pleasure to report a substantial increase of membership in our association. The deadlock of that number, 102, of many years' standing, has at last been broken, so that our membership today stands at 113. It remained for Toronto to do it and this is not the only record Toronto has broken. They also have set a record for the way the association was entertained at the convention. It would be useless to cite names, for one and all, they worked with a will, to make it the splendid success it proved to be, and the everlasting pleasant memories the delegates carried away with them.



WINDOW DISPLAY, HOLLYWOOD GARDENS, SEATTLE, WASH.

The executive committee met here in London, April 10, arranged for this meeting and compiled this programme which I believe the most instructive yet. You will see that all appointed committees are listed to give complete reports. The papers will be read by the authors themselves, which always makes them more valuable in discussing them. The subjects are well chosen and up to date.

Now I desire to say a few words about the membership. This is our third annual meeting in succession in what we call west, and consequently nearly the whole of the membership is made up from the west, Toronto and surroundings. Quebec seems to have dropped to indifference, with Montreal included. There are more members in Toronto now than in all the rest of Canada. The membership would be greatly increased if each member annually would bring in a new member until the thousand mark is reached. The field is large enough, and I recommend that those members who bring in the largest number be honored for it in some way.

Treasurer's Report.

Receipts during the year.....\$230.65
Expenditures 218.68

JULIUS LUCK, Sec'y-Treas.

FOREST CITY, IA.—The Hill City Greenhouses have been sold to J. H. Rine and his son, H. B. Rine, of Humboldt, Ia.

FAIRMONT, MINN.—John McCullough is building three greenhouses, each 25x125 feet. They will be completed and stocked by September 1.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Daily Floral Tribute at Busch Tomb.

In the little rustic chapel which was erected more than a year ago over the grave of Adolphus Busch in Bellefontaine cemetery, St. Louis, Mo., members of the family of the millionaire brewer are keeping a continually fresh supply of cut blooms and pot plants, which not only cover the grave, but bank the floor and walls of the building. At present the grave is banked with lilies, American Beauties and other roses, lily of the valley, various cut flowers and numerous pot plants. A mat of growing English ivy covers the grave itself, while the rest of the floor of the chapel is strewn with small cedar branches. The walls of the structure are lined with beech leaves, treated in a way which will preserve their crispness indefinitely.

Here and there in this covering bouquets of cut flowers are fastened. Flowers have been sent to adorn this unique mausoleum nearly every day since it was built. In severe weather the flowers and plants are kept from freezing by oil and carbon heaters.

Window of Hollywood Gardens, Seattle.

During the Shriners' convention at Seattle, Wash., the merchants of that city honored them by the arrangement of special window displays. The accompanying illustration shows one of the most attractive of these, that of the Hollywood Gardens, florists, who arranged a natural display that was

admired by all beholders. A shallow tank, 10 by 10 feet, was placed in the window, and in this a brood of yellow ducklings disported themselves in the water. At the rear of the tank was a little birch bark tree house, thatched with straw, with a gang-plank of birch leading down to the water. A portion of the front of the tank was screened off with wires and in this section was a beautiful showing of delicately tinted water lilies. The sides of the tank were concealed by moss, which also covered the balance of the floor space of the window. Tall palms graced the background and in one corner, beneath a spreading bough, was swung a camp kettle over a fire of sticks. English ivy was trained to form a border for the window and golden lilies nodded from the corners, while overhead a tropical creeper swung in the breeze in striking contrast to the native plants below. The other windows of this firm were filled with an excellent display of cut flowers, the famous Washington rose and the gorgeous dahlia predominating.

W. B. STODDARD.

EVANSVILLE, IND.—George H. Blackmann and family are visiting New York and Atlantic City.

NEWTON, MASS.—John C. Clarke has sold his greenhouse business to H. W. Cotton, Center street florist.

BURLINGTON, WIS.—The Burlington Floral Co. are making improvements at its range on Wilmot avenue:

SEATTLE, WASH. — The Orpheum Floral Co. has been incorporated by D. A. Fetta and F. T. Rosaia; capital stock, \$9,000.

PLANT NOTES.

Alternantheras.

The propagating bed will not be full at this season, and it is one of the best times to procure a stock of that splendid carpet bedding plant, the *Alternanthera paronychioides* major. This plant simply refuses to grow during the winter, and it is almost impossible to procure cuttings until late, with the result that the plants are necessarily small. Any amount of cuttings can be procured now and they can be easily rooted either in flats of soil or in the propagating bed. When the cuttings are inserted give them a good watering and keep them shady for two or three weeks, and they will all root. They can then be placed in flats about one inch apart and placed in a frame outside or in the greenhouse. They can be wintered in a warm dry house on a shelf near the glass, and potted in April, and will make fine plants. The other varieties are much more vigorous and will thrive in a lower temperature. A few old plants can be lifted and propagated in the spring in the usual manner.

Mignonette.

The plants of mignonette from seed sown in July will have to be placed in their winter quarters in the bench in September. If extra large and long spikes, that are always so much admired, are wanted, the soil will have to be very rich. To ordinary compost (that is, two-thirds loam and one-third manure), add about as much manure again, making the soil about half and half. The plants should be set about 12 inches apart. Water only around the plant until the roots begin to spread in the soil. Keep the soil free from weeds, well scratched over and loose, that it may not become sour. The tops should be pinched off until six or eight branches have been formed. The cabbage worm will soon make its appearance unless this has been guarded against, and if a leaf is found eaten hunt

for them at once. When they first make their appearance they are only about a quarter of an inch long. They are green, just the color of the foliage, but have a velvety appearance, and are generally found on the midrib of the leaf or on the stem. Hand picking is the only remedy, and it takes sharp eyes to find them, but they must be gotten rid of or they will soon ruin the plants.

Heaths.

During the hot weather the ericas will demand considerable attention. The plants should be plunged in the coolest location possible, yet where they will get the full sunlight. The pots are full of the very fine roots and if these once get dry the tender roots will burn. There is no plant the florist grows that demands closer watching and more careful watering than the heaths. They are so hard wooded that they do not show neglect as quickly as the softer wooded plants, but if they get once fully dried it means absolute disaster with no flowers the succeeding year. The grower well posted in the culture of these plants can tell at a glance when they should be watered and never neglects them. If the plants are growing unshapely they should be pinched back, so that the form will be kept. The plants that are in small pots will need repotting in September; a fine loam with but little fibre and with no manure is to be preferred for these plants, for their fine roots do not like a coarse soil, and manure of all kinds should be omitted from the soil in which they are grown.

Genistas.

The genistas should be potted by September 1 in the pots in which they are to bloom, and a few days before potting should be trimmed into shape. It is a good plan with all soft wooded plants when growing rapidly not to cut at the top the same time the roots are disturbed, so it is better to do the pinching back before the shifting is done, and then not again until the plants are beginning to

grow in the new soil, plainly showing that root action has again begun after being disturbed. The plants that are being grown in prescribed shapes should be kept tied to the form, and as soon as established in the new soil, pinched back. They will stand considerable hard cutting back for some time yet, for the blooming shoots do not set until well into the winter. Keep the plants in as cool quarters as possible until the first of the year, when if a few plants are wanted early they can be brought into warmer locations but these plants are cool growing subjects and do not like any great amount of heat.

Violets.

It will soon be September and time to house the plants of the double varieties of violets that are grown in the field, the more successful growers being of the opinion that the plants should be under glass before the season of heavy dews. In preparing the beds have plenty of old leaves; it is not necessary that they be rotted; in fact, leaves gathered last fall are to be preferred, for they will generate a little heat in the soil and the violet plants seem to grow and push their roots into half-rotted leaves better than in leaf mold that is finely decomposed. A layer of three inches of leaves in the bottom of the bed will prove of great advantage in violet culture. Whatever manure is used should be thoroughly rotted. The violet will not root into fresh manure at all. An old gardener, who was very successful in violet culture, once told us how he prepared his frames. They were made in a similar manner to hotbeds, only instead of manure a foot of leaves was placed at the bottom and eight or ten inches of soil placed on them. The leaves will furnish a mild heat nearly all winter and greatly assist in keeping the frames warm. We tried that method the following fall and thinking that the leaves would not furnish nutriment enough we incorporated a good quantity of half-rotted manure in the soil, the manure still being more or less lumpy. The vio-



HAIL DAMAGE AT MANAWA GREENHOUSES OF J. F. WILCOX & SONS, INC, COUNCIL BLUFFS, IA.

Three Houses, Each 60x1,000 Feet, Suffered a Total Glass Loss, July 18, 1915.



GLADIOLUS EXHIBIT OF METZNER FLORAL CO., MOUNTAIN VIEW, CALIF., PANAMA-PACIFIC EXPOSITION. ALL SEEDLINGS.

lets grew finely and produced an excellent crop of large flowers. In the spring when we lifted the plants we found the roots had all gone into the leaves, there being no feeding roots in the soil, and in making their way through the loam had avoided all the manure, this still being in the lumps as when placed in the soil. In lifting the plants avoid allowing the roots to become dry; lift with a good clump of soil and do not keep the plants too long in the air, only lifting what can be handled expeditiously. Plant firmly, but avoid walking on the beds; water as soon as planted and water well, so that the soil will be firmed around the plants. Shade for a few days until growth starts, and then give all the air and light possible.

Stevia.

All stopping of stevia should cease by the middle of August and the tall-growing varieties should be potted in their blooming pots, or if to be grown in a bench, planted out. The potting of these plants should be done carefully for the plant is very brittle where the branches break from the main stem, and are easily broken. The better way is to tie a piece of raffia around the plant, and if it is very large two or three pieces before moving the plant. As soon as potted or benched place a stake in the center to keep the plant erect. Pot firmly, ramming the soil down hard with a

stick or other tool. After potting, water thoroughly, and place in a shady place; the plants will wilt more or less and a light syringing will help them to recover from this, but do not keep the soil soaked, yet daily watering for those in pots will be required. As soon as the plants begin to grow remove all shade and the pots can be plunged again outside in a frame. The dwarf varieties will not require to be potted until early in September if planted outside, but if grown in pots should be shifted in their blooming pots, generally 6-inch, before becoming badly pot-bound.

Geranium Propagating.

It is none too early to begin the propagation of geraniums, especially if it is doubtful about there being stock enough. Any plants that have become established and made a growth that will furnish a cutting will not be injured by the taking of the growing end, in fact, they will be benefited, for they will break more shoots for the September propagation. Many growers in making the fall propagation, after trimming the cuttings, insert them in 2½-inch pots in soil, placing the pots on shelves near the glass. This is a very economical way of handling the cuttings after cool weather has set in, but for summer propagation the bench of sand is to be preferred. In making the cuttings trim off all the foliage

except the small leaves at the tip. Be sure that the sand is pounded down hard, so that it will retain all the water possible. In inserting the cutting use a small round stick as a dibble, making a hole just large enough in which to place the cutting. This will disturb the bed of sand much less than drawing a knife or other tool through it. After the cutting is placed in the sand, press the sand firmly and then water heavily, so that the sand will settle firmly around the cutting. The cuttings should then be shaded from the sun either by papers or by stretching cheese cloth over them. This will prevent wilting and evaporation. No further watering will be necessary, until the plants begin to root. One of the greatest mistakes made by growers in the summer and fall propagation of geraniums is the continual watering which will invariably cause damping off and rot. Never mind if the surface of the sand becomes dry, if it has been properly packed there will be moisture enough below to cause them to root. If the cuttings wilt a slight syringing or placing wet papers over them will revive them. A good strike can invariably be made by following this method.

WASHINGTON, D. C.—Wm. F. Gude is chairman of the citizens' committee of the Grand Army of the Republic, which meets in this city in September.

Fourth National Flower Show.

W. F. Therkindson, chief of the publicity bureau, advises that plans for the Fourth National Flower Show to be held in Philadelphia, Pa., March 25-April 2, are fast taking tangible shape under the direction of the national flower show committee, consisting of George Asmus, chairman; Adolph Farnwald, vice-chairman; John Young, secretary; W. F. Kasting, treasurer; Chas. H. Totty, W. N. Rudd, Thomas Roland and W. P. Craig. A complete schedule of both plants and cut flowers will be issued in the near future.

Section A will be devoted to flowering plants exhibited by private growers. There will be nearly 50 exhibits in this section, for which prizes ranging from \$15 to \$50 will be awarded. Groups of flowering plants to occupy a space of 200 square feet, arranged for effect, will also be a feature of this division. The first prize in this class will be \$150 for the best arrangement and \$100 will be offered as a second prize.

Palms and foliage plants exhibited by private growers will occupy section B, which will contain about 25 exhibits. In this section a first prize of \$50 and a second prize of \$30 will be offered for the best six foliage plants (exclusive of palms) in not less than eight-inch pots, pans or tubs.

Ferns and selaginellas, entered by private growers, will form the varieties in section C. The highest award in this section will be \$25 offered for the best showing in several varieties.

Orchids exhibited by private growers have been arranged for in section D. For the largest collection occupying a space of 50 square feet, arranged for effect, palms and ferns permitted, there will be a first prize of \$100 and a second prize of \$75. Other awards in this section will vary from \$10 to \$25. There will be about 20 other exhibits of orchids in this section.

Pots and pans of blooms in the bulbous varieties, arranged for effect with foliage plants, staged by private growers, will occupy section E. The principal prize in this section will be \$25, offered for the best exhibit arranged on a table 50 feet square.

Private rose growers will have their exhibits in pots and tubs in section F. The American Rose Society will prepare the roses, of which there will be a dozen separate exhibits. The best displays of rose plants to occupy 100 square feet of space, will be awarded first and second prizes of \$100 and \$75, respectively.

Commercial growers of flowering plants will have section G assigned to them and there will be several large prizes offered in this competition. The largest prize, \$200, will be offered for an exhibit of acacias to cover 200 square feet. The second prize in this class will be \$100. A prize of \$150 will be offered for the best showing of flowering foliage, stove and greenhouse plants, arranged for effect and covering an area of 200 square feet. This will be one of the largest general sections in the exhibition, and will comprise about 40 individual displays, with many of the prizes in the \$100 class.

Section H will also be in charge of the commercial growers and will be given over to bulbous varieties. A special feature here will be a special prize offered for the best display of bulbs arranged as a Dutch garden and covering an area of 500 square feet.

Appropriate accessories will be permitted, and the quality of bloom, artistic arrangement and general effect will be considered in making the awards. The first prize will be \$200 and a prize of \$100 will be given for the second best arrangement.

Ferns and selaginellas arranged by commercial growers will be placed in section L, and will be awarded prizes varying from \$10 to \$50.

The orchids in the commercial classes will occupy section J. There will be about 20 exhibits and the highest prize will be \$200 for a group of plants in variety, arranged for effect, palms and ferns permitted, and covering 100 square feet. There will be a number of \$25 and \$50 awards in this section, and a gold medal will be offered for the best orchid hybrid raised in America.

Palms and foliage plants, arranged by commercial growers, will be found in section K. There will be about 25 exhibits in this section with prizes varying from \$10 to \$50. Commercial growers of miscellaneous plants will be represented in the displays in section L. A first and a second prize of \$150 and \$100, respectively, will be offered for the finest collection of forced shrubs and herbaceous plants arranged for effect and covering 200 square feet. Trees and vines will be permitted in this exhibit.

In the commercial rose division, staged in section M, roses in pots and tubs will be prepared by the American Rose Society. For the best display of any and all varieties arranged for effect a first prize of \$125 and a second prize of \$75 is offered. This arrangement is to occupy 200 square feet. Other prizes, which will be awarded other classes in this section, will range from \$10 to \$75. The American Rose Society will offer its silver medal for the best new variety not in commerce.

Aquarium fish will be given space in section N. The first prize in this section will be \$50, and a gold medal will also be offered.

At Convention hall, which will be the scene of the exhibition next spring, many flowering plants, set in large beds, which will be renewed as the seasons change have already turned what was formerly barren wastes into flowering gardens at each side of the main entrance. Plots measuring 45 by 90 feet, one on the east and one on the west of the entrance, have been planted by Henry F. Michell Co., Inc., and Henry A. Dreer, Inc., Philadelphia, and both have used their best effort and deserve credit for the improvement already wrought.

Gardeners' Essay Contest.

The essay committee of the National Association of Gardeners announces the following for the contest for the President Everitt gold prize:

Contestants must have their essays in the hands of the chairman, Wm. H. Waite, P. O. Box 290, Madison, N. J., not later than October 1. The essay must be signed with a non de plume, and must bear no evidence of the author's identification and be mailed in a plain envelope, carefully addressed to the chairman of the committee. The contestant will place his name and full address, stating the position he holds, in a separate envelope, writing the non de plume he signed to his essay on the outside of this envelope, and mail same in a separate envelope

to M. C. Ebel, Secretary, National Association of Gardeners, Madison, N. J. This envelope is not to be opened until the judges have rendered their decision on the contest. Write your essay distinctly and use one side of paper only. These rules must be strictly followed to avoid disqualification.

The subjects have been arranged in four classes, as follows:

Class 1—Prize, \$35, gold. Subject—Horticulture as a Profession, from the Standpoint of a Gardener.

Class 2—Prize \$25, gold. Subject—The Proper Grouping and Culture of Trees, Shrubs, Perennials and Annual Bedding Plants in the Ornamentation of Private Grounds.

Class 3—Prize \$20, gold. Subject—Preparation of Ground for and General Treatment of Hardy Herbaceous Perennials. Naming a list of species (limited to one hundred) providing a succession of flowers throughout the entire season.

Class 4—Prize \$20, gold. Subject—How to Secure a Year's Vegetable Supply with the Aid of Cold Frames or Hotbeds (but no Greenhouses), Including Soil Preparation.

This essay competition is open to professional gardeners who are engaged in the capacity of superintendents, head gardeners or assistant gardeners.

A contestant is entitled to enter in one class only. The broadest latitude will be allowed in dealing with each subject. The essays are limited to 3,000 words each.

The contest will close on October 1, the judges to report their decision at the next convention of the association, to occur the first week of December. The essay committee will appoint five judges, consisting of three gardeners and two representatives of the horticultural press.

Contestants will address William H. Waite, chairman of essay committee, National Association of Gardeners, P. O. Box 290, Madison, N. J., for further particulars.

American Dahlia Society.

NEW YORK SHOW, SEPTEMBER 24-26, 1915.

When the doors of the Museum of Natural History, New York, are thrown open to the public, September 24, it is expected that the greatest variety and best collection of dahlias ever assembled anywhere in their different types and classes will be on display. The show will continue three days, the closing date being September 26.

There will be a larger number of dahlia growers, private gardeners, amateurs, ladies' garden clubs and surrounding horticultural societies, than at any previous dahlia exhibit. New seedlings and some of the newer varieties that have been either grown here or imported and not exhibited, will be shown for the first time at this meeting. Some 700 or 800 varieties grown by Prof. F. H. Hall, of the New York experiment station at Geneva, with other trial and experiment lots from other sections will be shown. As another feature we will aim to have some one present that will explain the planting, growing and handling of dahlias.

The executive committee have requested the retail florists to put up exhibits of their decorative art and skill in showing the possibilities of this beautiful and many colored and exquisite shaped flower. Each and



MILWAUKEE FLORISTS' CLUB OUTING AT KEIPPER'S PARK, MILWAUKEE, WIS., AUGUST 1, 1915.

Holton & Hunkel Co.'s Baseball Team on the Left, and Cudahy Floral Co.'s Nine on the Right.

everyone will be given space free of charge to put up whatever they wish in table decorations, bouquets, baskets and vases of any design that will show the possibilities of the dahlia for ornamental and design work in its season.

The American Dahlia Society is the youngest society claiming notice, but is vigorous and growing for its age. The society is backed by good and experienced men who understand their business, and will make an earnest effort to win the good opinion of their fellow craftsmen as well as the rest of the American public, especially the lovers of the beautiful dahlias.

RICHARD VINCENT, JR., Pres.

Milwaukee Florists' Club.

The annual basket picnic of the Milwaukee Florists' Club was held at Keipper's Park, Sunday, August 1. The weather was ideal; the attendance large and everyone present had a most delightful time. There were sporting events for the ladies, gentlemen and children with a ball game that was a feature event of the day. A nine representing the Cudahy Floral Co. and consisting of John Hachmeister, Earl Schweitzer, Ronald Whitehead, Leo Kaplanek, Frank Lemard, Roy Brown, Fred Retzloff, J. M. Ensinger and Byrant Seeley played a team representing the Holton & Hunkel Co. and consisting of Ed Radtke, George Kostelnik, Al. Rowe, Grover Kash, Al. Hollatz, N. Schmidt.

Ed. Heuer and A. Schumacher. The game was very interesting with the Holton & Hunkel boys carrying off the honors by a score of 17 to 11. The Honorable F. H. Holton acted as umpire and must have played fair to both sides for he was on the job the next day at the store without even as much as a scratch.

The C. C. Pollworth Co., Schroeder Floral Co., Holton & Hunkel Co., W. E. Dallwig, August F. Kellner Co., Edlefson & Leidiger Co., Gustav Pohl, J. M. Fox & Son, R. J. Currie, Nic. Zweifel, Heitman - Oestreicher, Baumgarten Floral Co., W. C. Zimmermann, Chas. Menger, Gimbel Bros., Wisconsin Plumbing & Heating Supply Co., Hummel & Downing, J. Rauschenberger Co., Dever Bros., George Ackerman, Kummer Floral Co., Mueler Greenhouse Co., Fox Point Floral Co., F. Guter-muth & Co., E. Welke Co. and Gust Rusch Co., all donated prizes for the sporting events which were closely contested. The committee consisting of A. Hare, Nic. Zweifel and Walter Halliday, deserve much credit for the splendid manner in which they handled the affair especially Mr. Hare who was on the job early and late. The result of the various contests are as follows:

Tug of war—Holton & Hunkel Co., first.

Race for women—Miss Griebler, first.

Men's race—Albert Rowe, first; Grover Kash, second.

Ladies' peanut race—Hilda Holtz, first; Ruth Voelzke, second.

Girls' race—Ruth Voelzke, first; Florence Holtz, second.

Ladies' potato race—Miss S. Beyer, first; Miss M. Heuer, second.

Lemon eating contest—N. Schmidt, first; G. Kostelnik, second.

Pie eating contest—G. Kostelnik, first; N. Schmidt, second.

Sack race—G. Kash, first; A. Radtke, second.

Ladies' guessing contest—I. Jens, first; Miss Berndt, second.

Men's guessing contest—Mr. Von Trott.

Boy's race—Elmer Kuhl, first; Roy Maggison, second.

Little girls' potato race—Hilda Holtz, first; H. Beyer, second.

Watermelon contest—G. Kostelnik, first; G. Kash, second.

RIDGETOWN, ONT.—A pipe frame house, 30 by 125 feet will be erected by D. A. Leitch.

PHILADELPHIA, PA.—John Hanlon is making an addition 16x48 feet to his greenhouse at 8760 Frankford avenue.

SHARON, PA.—The greenhouses of John Murchie are being removed and rebuilt on his property on Irvine avenue.

GUTHRIE, OKLA.—John Furrow, of Furrow & Co., is in Omaha, Neb., where he will dispose of several cars of Oklahoma peaches.

WASHINGTON, D. C.—Over 300 persons attended the annual outing under the auspices of the florists' club at Great Falls, July 21.

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THE stock of 20 to 25 plants of the rose Elizabeth Zeigler, a cerise sport of Dorothy Perkins, is reported sold by the originator A. Bieschke, to A. N. Pierson Co., Inc., Cromwell, Conn.

Personal.

President Welch, of the Society of American Florists, and party are due in Chicago, August 5, enroute to the San Francisco convention, leaving Chicago August 7, at 10:30 a. m., and leaving Denver August 10, at 4:30 p. m.

Benjamin Hammond, Beacon, N. Y., the well known insecticide man and greenhouse paint and putty specialist, expects to be in Chicago, August 9, to attend a meeting of manufacturing chemists in that city, whence he will proceed to the San Francisco convention of the Society of American Florists.

Prof. N. E. Hansen, of the South Dakota Experiment Station, the well known introducer of Russian and other hardy fruits is making an eastern tour, calling on prominent men in the trade.

DETROIT, Cleveland, Milwaukee, New Orleans and Houston are among the towns named as candidates for the Society of American Florists' convention in 1916.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that the Oak Grove Greenhouse, Tuskegee, Ala., offers for registration, the following coleus: Any person objecting to the use of the proposed name or registration is requested to communicate with the secretary at once. Failing to receive objection to the registration the same will be made three weeks from this date:

Raiser's description—Name, Yellow Trailing Queen. An excellent variety for boxes, baskets or vases; it drops and hangs down two feet or more in a large clump. Center of leaves bright yellow, then around that bright olive green border with deeply serrated edges. Sport from Trailing Queen or Beauty. Has all the good qualities of its parent except color which makes it a trailing mate. A very attractive novelty.

The Waban Rose Conservatories, Natick, Mass., offer for registration the following roses described below. Any person objecting to the use of the proposed names or registrations, is requested to communicate with the secretary at once. Failing to receive an objection to the registration the same will be made three weeks from this date.

Raiser's description—Name, Mrs. Bayard Thayer, a sport from Mrs. Charles Russell. Flower is large and full. Color outside of petals deep rose, inside clear silver pink. Foliage large and very dark green, perfectly flat, has no tendency to curl as is sometimes the case with Mrs. Chas. Russell.

Name, Mrs. Moorfield Storey, a seedling. (General McArthur x Joey Hill.) A large full rose with heavy dark foliage. Color, shell pink, deeper towards the center, tip of petals deep rose.

A. T. Pyfer & Company, Chicago, Ill., offer for registration the following Shasta daisy seedling. Any person objecting to the use of the proposed registration, is requested to communicate with the secretary at once. Failing to receive objection to the registration the same will be made three weeks from this date.

Raiser's description—Parentage: Leucantherenum Maxima Triumph X Leucantherenum Princess Henry. Size of flower four inches in diameter. Very robust and a heavy producer. Name, Mrs. H. G. Selfridge.

JOHN YOUNG, Sec'y.

July 31, 1915.

"Where Opportunity Knocks Twice."

It is nearly three score years and ten since the gold seekers started on their memorable journey to the golden state of California in prairie schooners. That was a long and perilous journey attended with much hardship and loss of life. While the distance remains the same the trip from eastern points is now made in a few days and is one of pleasure rather than danger and discomfort, but California is still the land of gold, not so much perhaps the yellow ore of the "Fortyniners" as the golden products of its soil and sunshine.

As horticulturists and florists many of our readers are familiar with some of California's specialties in fruits, flowers and vegetables, but some are not aware that for many kinds of ornamental and useful plants this state is the seed garden of the world, onion and sweet peas being two of the leading items in this industry with a long list of minor flowers and vegetables. California callas and freesias are known the world over and the large areas of petunias and other garden flowers make huge tracts of glowing color in the landscape.

The equable climate of California is said to favor the production of choice seeds and bulbs of many kinds which can not be produced elsewhere of equal quality and for similar reasons marvelous crops of many kinds are produced by farmers, orchardists and gardeners. The garden effects produced in and about many of the cities charm the visitor from less favored sections as much in the unusual plants and trees employed for that purpose as in their beauty and luxuriance of growth.

The eastern craft on their visit to the trade convention at San Francisco, August 17-19, will revel in the splendor of the flower stores found in all leading California cities and the superb art of the florists in the manipulation and display of flowers. To learn something more of the immense possibilities of this great state we can not do better than recommend our friends to secure a copy of the book, the title of which is used as a caption to these comments and read it on the outward journey. This delightful volume by Forrest Crissey was recently published by the Reilly & Britton Co., Chicago.

The Bayersdorfers Return.

Harry Bayersdorfer and wife, of Philadelphia, Pa., have returned from Japan, arriving at San Francisco, July 26. Last Monday morning, August 2, they reached Chicago, and left soon after noon on the Broadway Limited for Philadelphia. The outward trip and part of their return journey in Japan was in every way pleasant and satisfactory. Soon after the return journey was started, however, Mrs. Bayersdorfer was stricken with an eastern form of typhoid, which deprived her of the use of her legs. The best medical skill was provided, and efforts made to detain the patient for treatment in Japan, but Mrs. Bayersdorfer pluckily decided to proceed to Yokohama, and embark for home, which was done, with two native nurses in attendance. During the entire passage to Honolulu the patient was confined to bed with fever, but the ship's doctor promised to have her in condition to walk ashore on reaching the United States, and succeeded in his efforts. At Chicago, Mrs. Bayersdorfer appeared quite cheerful in her wheel chair and overjoyed at the thought of reaching home the next day.

Mr. Bayersdorfer bore up well under the difficulties of the situation, and only regretted that duty to his wife compelled him to forego many of the pleasures planned for Mrs. Bayersdorfer and himself by Japanese notables on their return trip. Fortunately his business at the manufacturing centers was completed before Mrs. Bayersdorfer's illness rendered her helpless. Orders were placed for large stocks of the choicest Japanese novelties in florists' supplies, which will be offered to the trade this fall by H. Bayersdorfer & Co.'s representatives.

Belgian Plants.

Resolution unanimously adopted by the Horticultural Importers' Association at a special meeting held at New York, July 22, 1915:

Whereas, The British "Order in Council", effective March 15, 1915, was intended to stop the export trade of the nations at war with Great Britain, but is at present so interpreted by the British authorities as to also stop the exportation of azaleas and other Belgian plants to the United States, because they are grown in that part of Belgium now occupied by the enemies of Great Britain, and

Whereas, This interpretation of the "Order in Council" by the British authorities will do incalculable damage to the interests of the American florists and the Belgian growers, without unfavorably affecting the interests of the enemies of Great Britain, since it is generally known that azaleas are only grown in the vicinity of Ghent, Belgium, and that the enemies of Great Britain also must get them there, and

Whereas, It can be clearly shown that these azaleas and other Belgian plants are of Belgian production and origin, exclusively grown by Belgians, for Belgian interests, and that none other than Belgians get any revenue or benefit from their sale. Therefore be it

Resolved, That the Horticultural Importers' Association respectfully requests our state department to use its influence to have the British authorities permit these shipments of azaleas and other Belgian plants and bulbs to be exported here the coming fall dating from August 20, and be it also

Resolved, That the secretary of this association be instructed to present this resolution personally to the department of state at Washington.

J. McHUTCHISON, Sec'y.

[The British government insists that Belgian goods will be released only when payment is made in London, Great Britain to forward the money to the Belgian shippers direct.—ED.]

Chicago Fall Show.

The preliminary premium list is out for the Chicago Grand Floral Festival, to be held at the Coliseum, November 9-14, under the auspices of the Horticultural Society of Chicago, and the Chicago Florists' Club. Copies may be had on application to Secretary N. P. Miller, 179-183 North Wabash avenue, Chicago.

American Gladiolus Society.

The annual meeting and election of officers of the above society will be held at the Casino, Newport, R. I., August 18, at 7:30 p. m., by order of the president.

H. YOELE, Sec'y.

Insecticide Manufacturers' Association.

The annual convention of the Insecticide Manufacturers' Association will be held at the Sherman House, Chicago, August 9-10.

Back to the Golden Gate.

Yea, I have tracked the hemispheres,
Have touched on fairest land that lies
This side the gates of Paradise;
Have ranged the universe for years;
Have read the book of love right out,
From title leaf to colophon.

—JOAQUIN MILLER.

Wants, For Sale, Etc.**One Cent Per Word, Cash with Adv.****For Plant Advs., See Ready Reference Section.**

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—By all-round florist, designer; German, single, 25; 10 years' experience; good references; state wages.
W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address
Key 539, care American Florist.

Situation Wanted—By honest man; understands general greenhouse and landscape work; quick and careful potter. Address
STEPHEN DOKUPIL, care T. Herzik,
Box 145, Glencoe, Ill.

Situation Wanted—By German florist; single; section or working foreman; good grower of cut flowers and plants; a first-class propagator; strictly sober. Address
Key 541, care American Florist.

Situation Wanted—Specialist in roses carnations, mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability, 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address
Key 544, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—Private or commercial place. 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife, steady position wanted. Age, 39.
W. J. HAMILTON,
Sefner, Fla.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative, ability and ambitious. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By Aug. 1st in up-to-date florist place only; as a grower in general line first class stock; practical life experience in roses, carnations, chrysanthemums, etc.; also general line of potted plants and bedding stock. Capable of taking charge or section man. Middle aged, single man; German, honest and sober. Please state all particulars in first letter when writing.
Key 536, care American Florist.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address
Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter.
RUGBY GREENHOUSES,
Rugby, N. D.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210x185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Small, completely equipped and well stocked nursery in Middle West, short distance from Twin Cities. \$10,000 cash will handle. Address for further particulars
Key 540, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city.
Box 49, Richmond, Va.

For Sale—Fine paying retail business in the heart of La Crosse, Wis.; established over 20 years, same location; residence and greenhouse in connection if desired. Reason for selling, owner wishes to retire. Chance of lifetime for right party. For further particulars address
Key 537, care American Florist.

Notice—I want to buy a good retail store in Chicago or suburbs. For further particulars address
Key 543, care American Florist.

Wanted to Buy—Retail greenhouses, dwelling, land. Full particulars, price, terms.
Box 248, New Rochelle, N. Y.

Wanted to Rent, Lease or Buy—From 5,000 to 15,000 feet of glass, near Chicago, preferably west of city. Must be available for immediate occupation. Communications considered confidential. Please state facts only. Address
Key 542, care American Florist.

HELP WANTED

A competent, reliable man to take charge of a country suburban place of about 130 acres; must have thorough knowledge of trees, plants, flowers and shrubbery; good recommendation required.

M. C. HEATH, COLUMBIA, S. C.

**WANTED
Traveling Seed Salesmen**

State experience, salary and age.

John A. Salzer Seed Co.
LA CROSSE, WIS.

THE Annual Meeting of the Florists' Hail Association will be held at the Civic Center Auditorium, Hayes and Larkin Sts., San Francisco, California, at 9 a. m., Thursday, August the 19th, 1915.

JOHN G. ESLER, Sec'y.

NOTICE

—OF—

STOCKHOLDERS' MEETING

CHICAGO, July 17, 1915.

Stockholders of the American Florist Company

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel St. Francis, San Francisco, Calif., Wednesday, August 18, 1915, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

Winter Flowering Sweet Peas Spencer Types

Our expert California seed growers have spent much time "rogueing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

Novelty Yarrawa

The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., 1/4 oz., 50c.

Selma Swenson

A beautiful clear light soft pink waved petals, strong grower and good forcer, originated by Mr. August Swenson and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; 1/4 oz., \$2.50.

Rose Queen

A Christmas flower, rose pink Spencer, a popular Indianapolis novelty. Our seed grown and saved from originator's stock. Oz., \$10.00; 1/4 oz., \$2.50.



	Oz.	1/2 oz.	1/4 oz. Tr. pkt.		Oz.	1/2 oz.	1/4 oz. Tr. pkt.
Anita Wehrman. Clear lavender.....	\$8.00	\$4.00	\$2.00	Orchid Beauty. Dark rose, blushed with orange.	\$2.00		\$0.50
Mrs. A. A. Skaach. Bright shell pink	1.75		.50	Pres. Woodrow Wilson. Magenta rose	2.00		.50
Mrs. J. Manda. Light shell pink.....	2.00		.50	Rose Queen. Rose pink.....	10.00	\$5.00	2.50
Mrs. Woodrow Wilson. Apple-blossom pink.....	2.00		.50	Venus White, pink wings.....	2.00		.50
Pink and White.....lb.,	\$15.00	1.50	.50				

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz , 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., **Chicago**

Cleveland.

SLIGHT IMPROVEMENT IN TRADE NOTED.

The past week has been a trifle better as to sales than the week previous. Outdoor stock still arrives in very large quantities, and as to variety—well there are, as one grower of outdoor flowers remarked lately, about "57 varieties," each with a family of its own. Jap lilies with long stems are very plentiful, as are Easter lilies. Candidum lilies can still be had from cold storage, and are good stock. The incessant rains have played havoc with most of the sweet peas, and many arrive soft and mushy; few good ones arrive and they meet with a fair demand. Most of the carnation growers are replanting, and this has lessened the supply of carnations, which were beginning to look like "starved Cubans." Roses from young stock are arriving, and the quality is much better than formerly. Shawyer, Russell, Ophelia and Sunburst are in very good demand, and flowers are exceptionally good. Pink and White Killarney and Kaiserin roses are also better in quality, and the demand for these is also on the increase. Gladioli and asters are "too numerous to mention;" they fill the tables and other corners, and also the rubbish boxes, as there are about three times as many grown as could ever be used by the trade. Lily of the valley has been plentiful and of good quality. Larkspur, phlox, gaillardia, etc., are in fair demand. Greens of all kinds are plentiful. Water lilies are used quite extensively, both in white and colors. American Beauties, owing to their superior keeping quali-

ties, find a good market, and as a summer rose have yet to meet their equal. Snapdragons can be had both in short and long stem.

CLUB MEETING.

Owing to inclement weather there was a small attendance at the meeting of the Florists' Club. Nominations for officers resulted as follows: Herbert Bate, president; Al Lindgruen, vice-president; Claude Tyler, second vice-president; Frank Friedley, secretary; George W. Smith, treasurer. As there was only one nominee for each office the respective candidates are already voted to the several offices. President Henry Knoble announced that nearly \$1,500 had been contributed by several women, principally by Mrs. Holden and Mrs. Ingalls, to be used as special prizes at the flower show. These ladies also plan to have a tea garden and dance at the show, the proceeds to be divided between charity and the flower show fund. The announcement was made that one-half of the space for exhibits had been sold, and contracts for a large portion of the balance will be closed in the near future.

GLADIOLUS EXHIBITION.

The third annual exhibition of the Gladiolus Society of Ohio will be held at the Hollenden hotel assembly room (same place as last year), Friday and Saturday, August 13-14. This show will be on a larger scale than last year and all the rare and choice new varieties and the old standard varieties will be exhibited. Table decorations by retailers will be a feature that alone will be worth seeing. Baskets, too, with gladioli, will be shown both days. Cards, inviting the general pub-

lic, can be had at all the wholesale stores. There will be no admission charged.

NOTES.

All the flower stands at the Sheriff street market are being torn down this week and new ones being put up, which will be more roomy and adapted to the better displaying of flowers.

C. B. Wilhelmy and family have this week returned from a month's stay at "Geneva on the Lake."

Edmund A. Slattery, of W. J. Palmer & Son, florists, of Buffalo, N. Y., stopped here August 2.

Visitor: Milton Alexander of Lion & Co., New York. C. F. B.

Washington.

The market is at a standstill. There is an oversupply of asters and gladioli, while roses are very poor in quality and can be had at buyers' prices. A few fairly good carnations were seen in the wholesale houses this week.

NOTES.

William Gude is an exceptionally busy man at present, getting everything possible in shape for the G. A. R. encampment here, before leaving for the S. A. F. convention at San Francisco. When it comes to hustling he is certainly "there with the goods."

M. Redman, sales manager for S. S. Pennock-Meehan Co., is at Colonial Beach, enjoyed a well-earned rest.

Miss M. E. Shea, bookkeeper for S. S. Pennock-Meehan Co., is enjoying her vacation at Springfield, Mass.

George C. Shaffer reports a good week, funeral work being heavy.

Visitor: Wm. McKissick, Baltimore, Md. G. C. D.

The San Francisco CONVENTION NUMBER

OF

The American Florist

WILL GO TO PRESS

Next Week, Aug. 11.

Many orders for Seeds, Bulbs, Plants and Supplies needed for fall work and business will be placed during the next 60 days, and Growers, Manufacturers and Dealers can secure a large share of this business by liberal advertising in our


31st Annual Convention Number

No Change in Prices. Single Column Inch, \$1.00; Page of 30 inches, \$30.00, with the usual discounts on a series of insertions.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

For 31 years the representative paper of the Florists, Seedsmen and Nurserymen of the United States and Canada.

 Please send your copy for this issue as early as possible.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL-GLADIOLI-ASTERS-BEAUTIES

We Have The Best and Largest Supply

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$2.50
36 in.....	2.00
30 in.....	1.50
24 in., young stock.....	1.25
20 in., " " " " " " " " " " " "	per 100, \$ 8 00
18 in., " " " " " " " " " " " "	6.00
Shorter, " " " " " " " " " " " "	3.00-4.00

Mrs. Chas. Russell

40-48 in., per 100.....	\$15.00
30-36 in., " " " " " " " " " " " "	12.00
20-24 in., " " " " " " " " " " " "	\$8.00 to 10.00
Shorter, " " " " " " " " " " " "	\$3.00, \$4.00, \$6.00

Hoosier Beauty	Per 100
HADLEY } Long... \$8.00 to \$10.00	
OPHELIA } Med. ... 4.00 to 6.00	
SUNBURST } Short... 3.00	
BRILLIANT }	

MILADY	Per 100
RICHMOND	Extra long.....\$8.00
BULGARIA	Long..... 6.00
AARON WARD	Medium..\$4.00 to 5.00
KILLARNEY	Short 2.00
WHITE KILLARNEY	
KILLARNEY QUEEN	
CECILE BRUNNER, also called Sweetheart	
Roses	per 100, \$2.00

FLOWERS FOR TRIMMING

Assorted lots.....\$1.00 and up

MISCELLANEOUS

	Per 100
Sweet Peas.....	\$.50 to \$1.00
Daisies, Shasta	1.00
Gladioli.....	3.00 to 4.00
Coreopsis—Gaillardias.....	.75 to 1.00
Smilax,.....doz.	\$2.00
Plumosus.....	2 00 to 3.00
Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, per 1000.....	\$1.25 .20
Mexican Ivy, per 1000.....	6.00 .75

CATTLEYSAS--GIGAS

Per Doz.....

ASTERS

Per 100.....\$2.00 to 3.00

DENDROBIUMS

Per Doz.....

EASTER LILIES

Per 100.....\$1.00 to 2.00

Per Doz.....

LILY OF THE VALLEY

Fancy, per 100.....

2nd.....

3rd.....

CARNATIONS

Medium, per 100.....

FERNS, NEW CROP

Per 1000.....

Per 100.....

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock.

FLORISTS' SUPPLIES

TOBACCO DUST.

Use it on your Chrysanthemum plants for there is nothing better and then besides it is good as a fertilizer for it contains fully 9 per cent of potash.

CAN DELIVER:

12 Bales of Moss, - - - - - \$10.00

Magnolia Leaves, per box, - - - - - 1.25

Cycas Leaves, assorted sizes, 12 to 44 in., per 100, - - - - - 7.00

Galvanized Wire Rose Stakes, (No. 8—4 ft.) Special, per 1000, \$9.75

New Catalog Now Ready Write for one. A postal will bicker and better than ever.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

Grafted and Own Root Rose Plants

Eastern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

GRAFTED, 3½-inch Stock. Per 1000	GRAFTED, 2½-inch Stock. Per 1000	GRAFTED, 4½-inch Stock. Per 1000
Hadley, fine.....\$140.00	Killarney Brilliant, 575 good.....\$100.00	Bulgaria, 2000 extra fine.....\$120.00
Bulgaria, fine.....140.00	Hoosier Beauty, 100 good.....\$20.00	
Cecile Brunner, fine.....140.00	Hadley, 1900 large; 1800 small.....100.00	Write for Special Clean-up Prices on these lots
Ophelia, fine.....170.00	Bulgaria, 400 large; 200 small.....100.00	
	Russell, 6665 small.....130.00	
OWN ROOT, 3½-inch Stock. Per 1000	OWN ROOT, 2½-inch Stock. Per 1000	
Hadley, 475 large; 1700 small.....\$90.00	White Killarney, 275 medium.....\$55.00	
Hadley, 190 large; 1700 small.....90.00	Killarney Brilliant, 175 medium.....55.00	
Cecile Brunner, 100 good.....90.00	Milady, 300 large; 1800 small.....55.00	
Bulgaria, 137 good.....90.00	Hadley, 1800 large; 1800 small.....55.00	
Conberg, 190 good.....90.00	Bulgaria, 700 good.....55.00	

QUALITY PLANTS

FERNS.	CYPERUS ALTERNIFOLIUS.	CYCLAMEN.
Boston, Roosevelt and Whitmani	Umbrella Plant	Best German Strain
Each 100	4-inch pot.....\$8.00 per 100	3-inch pot.....\$ 8.00 per 100
4 inch pot...\$0.25 \$23.00		4-inch pot.....15.00 per 100
8 inch pots.....Each 1.00		4-inch pot, select.....20.00 per 100
12 inch pot...\$2.00 to \$2.50		Seedlings from Flats.....3.50 per 100
	ARAUCARIA EXCELSA	
CROTONS.	40c 50c 60c 75c \$1.00 \$1.50	
Very Fine Colored Stock	ARAUCARIA ROBUSTA COMPACTA	
Each 100	\$1.00 \$1.50 \$2.00 \$2.50 \$3.50	SMILAX
4 inch pot...\$0.25 \$23.00		2½-inch pot.....\$2.50 per 100; \$23.00 per 1000
8 inch pot......35 30.00	PANDANUS VEITCHII.	3-inch pot.....4.50 per 100; 40.00 per 1000
12 inch pot......50 45.00	Highly Colored Stock	
12 inch pot, strong......75 70.00	Each 100	ASPARAGUS PLUMOSUS
	4 inch pot...\$0.35 \$30.00	2½-inch pot.....\$3.00 per 100; \$28.00 per 1000
BEGONIA CHATELAINE.	5 inch pot... .50 45.00	3-inch pot.....6.00 per 100; \$55.00 per 1000
Each 100	6 inch pot... .75	
4 inch pot.....\$1.00 to 1.50	6 inch pot......75	
12 inch pot.....\$15.00 per 100		

CHRYSANTHEMUMS.

While They Last.

Headquarters for the best commercial varieties of Chrysanthemum; 2½-inch, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Marvella French, late white.....	\$8 00	\$70 00
Pauline Anderson, late yellow..	4 00	35 00

With these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

WHITE—	2½-inch per	100	1000
October Frost.....	\$3 00	\$22 00	
W. H. Chadwick.....	3 00	22 00	
Timothy Eaton.....	3 00	22 00	
Oconto.....	3 00	22 00	
Alice Salomon.....	3 00	22 00	
Virginia Poehlmann.....			
BRONZE— O. H. Kahn.....	3 00	22 00	
RED— Scrimpton.....	3 00	22 00	

PINK—	2½-inch per	100	1000
McNiece.....	\$3 00	\$22 00	
Enguehard.....	3 00	22 00	
Maud Dean.....	3 00	22 00	
R. E. Loeben.....	3 00	22 00	
Patty.....	3 00	22 00	
Wells' Late Pink.....	3 00	22 00	
Chieftain.....	3 00	22 00	
YELLOW—	100	1000	
Golden Glow.....	\$3 00	\$22 00	
Yellow Salomon.....	3 00	22 00	

POMPONS, 2½-in. stock, \$4.00 per 100; \$35.00 per 1000. Beat standard varieties only.

SPECIAL NOTICE TO CUSTOMERS: You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS

Kentia Belmoreana	Each
Single Plants	
ch pots, 5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.	
ch pots, 6 to 7 leaves, 24 in. high	1.00
ch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
ch pots, 6 to 7 leaves, 32 to 34 in. high	2.00
ch pots, 6 to 7 leaves, 36 in. high	3.00
ch tubs, 6 to 7 leaves, 38 in. high	3.50
ch tubs, 6 to 7 leaves, 48 in. high	5.00
ch tubs, 6 to 7 leaves, 58 to 64 in. high	7.50
Specimens, \$15.00 to \$50.00.	
Kentia Belmoreana	
Made-up Plants	
pots 3 plants in a pot 24 in. high	\$1.50
pots 3 plants in a pot 38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.	
Kentia Forsteriana	
Single Plants	
ch pots, 5 to 6 leaves, 18 to 20 in. high	\$0.40
\$4.50 per dozen.	
ch pots, 5 to 6 leaves, 28 to 30 in. high	1.00

6 inch pots, 6 to 7 leaves, 34 to 36 in. high	Each 1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves, 46 to 48 in. high	3.50
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00
Kentia Forsteriana	
Made-up Plants	
6 inch pots, 3 plants in a pot, 24 to 26 in. high	\$1.25
7 inch pots, 3 plants in a pot, 28 to 30 in. high	2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8 inch tubs, 4 plants in a tub, 50 in. high	5.00
8 inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10 inch tubs, 4 plants in a tub, 5 ft. high	8.00
12 inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12 inch tubs, 4 plants in a tub, 6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants,	
\$15.00, \$18.00 and \$25.00 each.	

Phoenix Roebelenii	Each
4 inch pots, nicely characterized.....	\$0.50
7 inch pots, 22 in. high, 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7 00
Areca Lutescens	
6 inch pots, 3 plants in a pot.....	1.00
7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00
Aspidistra Lurida	
Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....	1.50
Dracaena Massangeana	
5 inch pots.....	.75
6 inch pots.....	\$1.00 to 1.25
Dracaena Godseffiana	
2 inch pots.....	\$1.00 per doz.; \$3.00 per 100

LARGE CUTS OF ROSES

RUSSELL--OPHELIA--BULGARIA

and all the other varieties listed below. Order here and get the best.

Fancy Lilies, \$1.00 per doz.; or, if ordered in lots of 50 or more at the rate of \$6.00 per 100

CURRENT PRICE LIST

American Beauties		Per doz.	White and Pink Killarney, Richmond and Hillingdon	
Specials, extra long stems.....		\$2.50	Long.....	Per 100 \$6.00
Extra long stems, seconds.....		1.00	Medium.....	\$4.00 to 5.00
30 in. stems.....		2.00	Short.....	3.00
18-24 in. stems, New Beauties.....	\$1.00 to 1.50		Cecile Brunner.....per bunch, 25c	
Shorter lengths.....	per 100, \$3.00 to \$6.00		Choice EASTER LILIES.....	.75c per doz. 5.00
Russell		Per doz.	LILY OF THE VALLEY	3.00 to 4.00
Extra long.....		\$1.50	ASPARAGUS SPRAYS and SPRENGERI	3.00
Good medium.....		\$0.75 to 1.00	FERNS, new Wisconsin	1000, \$1.50
Short.....		.50	ADIANTUM	1.00
Sunburst, Ophelia, Rhea Reid, Bulgaria and Sawyer		Per 100	GALAX, bronze and green	per 1000, \$1.00
Extra long.....		\$6.00 to \$8.00		
Medium.....		4.00 to 6.00		
Short.....		3.00		

ROSES in lots of 500 or more at the rate of \$20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

TRADE VERY QUIET.

Trade has been very quiet the past week, but the sales during the month of July, as a whole, were satisfactory, and in some instances considerably larger than those of the same month last year. Stock of all kinds is plentiful and is to be obtained in large lots at bargain prices. American Beauty roses are of good quality for this season of the year, but are not selling any too well. Roses of all kinds are in large supply, especially Killarney and Killarney Brilliant. Ophelia, Mrs. Chas. Russell, Hoosier Beauty and Sunburst are in good supply and move fairly well, but at rather low prices. Carnations are seen in large numbers and are being sold in quantity lots at bargain quotations. Asters are more plentiful at all the stores and some very good stock is arriving now. The supply of cold storage peonies seems to be exhausted, for very few blooms are seen since the Eastland disaster, when practically all the stock was cleaned up for funeral work. Gladioli are a big factor in the market now and large shipments of all the seasonable varieties are reaching the market daily, but the stock is not bringing what it should, although the quality in some instances is all that could be desired. Orchids do not appear to be any too plentiful, but the supply of lilies and lily of the valley is equal to the demand. A few sweet peas are still seen and daisies, pond lilies, coreopsis, gaillardias and other outdoor stock is as plentiful as ever. There appears to be considerable funeral work around the city, according to some of the retail florists, and while trade seems to be quieter than usual this week a healthier tone to the market may be expected, and one need not be surprised if the total sales during

the month of August exceed those of the same month of 1914. A large number of the wholesale houses have been donating a large supply of their surplus stock to clubs and societies who are selling the flowers in theaters, baseball parks and other public places for the benefit of the Eastland sufferers.

NOTES.

A. L. Vaughan and family motored to Valparaiso, Ind., July 31, returning the following day with the report that they had a most enjoyable trip. Wm. Johnson, who has charge of the shipping trade at A. L. Vaughan & Co.'s store, is again attending to his duties after enjoying a well-earned rest. Peter Hoefelder, one of this firm's obliging young salesmen, is visiting friends and relatives at Piper City.

John Walsh, of the Chicago Flower Growers' Association, is on his vacation this week. It is rumored that he was married Monday, August 2, and according to one of the retail florists on the northwest side it must be true, for he saw him and the handsome lady near a church with a party of friends on the date mentioned.

Mr. and Mrs. James G. Hancock and daughters, Belle and Miriam, left for San Francisco, Calif., August 3, to take in the sights at the Panama-Pacific exposition. Miss Franc Hancock, who is attending the University of California at Berkeley, will join the family at the Exposition city.

A. C. Kohlbrand, with the E. C. Amling Co., and family are visiting friends and relatives at Cincinnati, O., and Covington, Ky. Bert Cole, who has charge of the American Beauty roses at Amling's, and wife are back from a 2,200 mile lake trip on the steamer North American.

A. E. Kunderd, of Goshen, Ind., was in the city on business this week. He is consigning large numbers of cut

gladioli blooms to this market, and one variety in particular that is attracting the attention of the buyers is that named Firerlbbon.

John F. Farrell, 4645 South State street, and family are spending their vacation at Hudson Lake, Ind. His brother James, who has just returned from the same resort, will have charge of the store during his absence.

Mrs. Horton, of the Bassett & Washburn office force, says that the total sales during the month of July were very satisfactory, and considerably larger than those of the corresponding month last year.

J. Champ Weiland, of Weiland & Risch, let the contracts the past week for the erection of a handsome twelve-room residence on South boulevard, Evanston.

George Pandall, who operates three stores in Indiana, one at Terre Haute, Ft. Wayne and Indianapolis, visited friends here this week.

The next meeting of the Chicago Florists' Club will be held at the Hotel Bismarck Thursday, August 5, at 8 p. m.

Vaughan's Seed Store is sending out new crop French mammoth freesias as well as Liliun Harrisii bulbs.

W. D. Desmond, with the L. S. Donaldson Co., Minneapolis, Minn., spent a few days here this week.

Frank Haegen, with George Reinberg, is spending his vacation fishing at the Wisconsin lakes.

B. O'Neil, of Elgin, was a visitor last week, celebrating his sixty-eighth birthday anniversary.

John Kruchten and wife have returned from a delightful outing at Sister Lakes, Michigan.

Harry Manheim, of the Hoerber Bros. store force, is enjoying a two weeks' vacation.

Frank Oechslin and wife are home from California this week.

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

HEAVY SUPPLY

KILLARNEY BRILLIANT ROSES

Also choice American Beauty, Russell, Ophella, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

Per doz.

48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$.50 to 75

Richmond.....
Killarney.....
White Killarney...
Killarney Brilliant
My Maryland.....
Sunburst.....
Milady.....
Ophella.....

	Per 100
Extra select.....	\$7 00
Select.....	6 00
Medium.....	5 00
Short.....	\$3 00 to 4 00

MRS. CHAS. RUSSELL

Per doz.

Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short.....	50

Per 100

ROSES, our selection..... **\$3.00**

Asters.....	\$ 1 00 to \$ 3 00
Carnations.....	1.00 to 3.00
Harrisii.....	10 00 to 12 50
Gladlolli.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 00 25

2,000,000 Feet of Modern Glass

W. H. Englehard, with the Idlewild Greenhouses, Memphis, Tenn., and family are visiting here this week. Miss McNulty and Felix Reichling, of the Peter Reinberg store force, have been entertaining them a great deal the past week as well as Mr. Reinberg, so they are having a most delightful time. They are now visiting relatives at Gary, Ind.

Wietor Bros. are cutting heavily in roses, especially Killarney and White Killarney. N. J. Wietor just started to count how many pink roses they cut for the fun of it the other day but after tackling the job for three days he quit pretty well satisfied that the number will reach pretty nearly into seven figures.

Miss Niessen of the Percy Jones office force is back from a delightful vacation trip and is again attending to her duties in the office. The rest of the employes will now enjoy their vacation in turn after one of the best seasons the firm has ever experienced.

F. A. Parkmire and family returned from an automobile trip to Louisville, Ky., Tuesday, August 3, making the return trip in less than 15 hours. He reports that the roads were bad and it rained almost all the time they were on the road.

Mathias Mann, of Zech & Mann, and son Nick are spending a few weeks fishing at Winneconne, Wis. Allie Zech received a card from them this week, reading that the fishing was fine and to expect 20 pounds of pickerel soon.

Chas. Lampros, 155 North State street, has placed an order with Jac. Lederer for an entire outfit for a florist store and will be open for business in the Masonic temple about September 15.

Miss O. A. Tonner and her mother will spend their vacation this year with relatives at Pelican Rapids, Minn., leaving the latter part of this month.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST

ANY QUANTITY

LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

Miss Nettie Parker, with A. T. Pyfer & Co., and Miss Marguerite McNulty, with Peter Reinberg, leave August 7, for San Francisco, Calif., to attend the Panama-Pacific exposition.

D. E. Freres, Henry Muno and William Schneider have returned from a successful fishing trip to Camp Lake, making the trip over the automobile route.

Sid Buchbinder has returned from Waukesha, Wis., where he sold an entire store outfit to Fred Bleis, proprietor of the Waukesha Floral Co.

Chas. H. Fisk, 1581 Ogden avenue, and family start on their automobile trip to the east August 15 and will be away for several weeks.

Wm. A. Seeger, Martin Seeger and Ed. Kingsley, St. Louis, Mo., and a party of friends spent several days here this week.

Wm. Jacobs, formerly with the A. L. Randall Co., will join the office force at the John Kruchten Co. store in the near future.

Frank McCabe, will represent the A. L. Randall Co., at the S. A. F. con-

CUT FLOWERS

Everything Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.

ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

vention in San Francisco, Calif., August 17-19.

Nick Wuestenberg, who has been following the carnivals with a flower game, is back from a trip through the Dakotas.

Harry Gardiner, with A. T. Pyfer & Co., has returned from a delightful trip to San Francisco, Calif.

J. A. Fisher, with John H. McNielly, 1155 East Sixty-third street, is enjoying a two weeks' vacation.

H. Wallace, with W. L. Palinsky and family are rejoicing over the arrival of a baby girl.

At J. A. Budlong's store the demand continues to be good for Double White Killarney roses.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

The florists of this city and vicinity had a special sale on cut flowers and plants, Wednesday, August 4, at 217 South State street, for the benefit of the Eastland sufferers and from last reports the sale was a great success. Nearly everyone in the trade, grower, wholesaler and retailer, did what they could to help the good cause along and many of them helped to sell the stock that they and others had donated. The committee consisting of J. L. Raske, W. P. Kyle, Andrew Chronis, Eric Johnson and Cornelia Ryan, deserve much credit for the time they devoted to the affair which had much to do with the sale being a success.

Otto W. Frese says that business has been very good in the cut flower department at Poehlmann Bros. Co.'s store during the month of July, compared with last year, and that the demand so far this month has been most encouraging. The supply department has shown a wonderful gain and new orders are continually arriving. T. E. Waters has been busy mailing the new catalogue and says that anyone who has not yet received a copy can obtain same upon request.

A. Hoeg, representing C. C. Pollworth Co., Milwaukee, Wis., called on several of the leading florist growers here this week. He and Ernest Rober of Wilmette reached Frank Oechslein's place just as the proprietor and his wife had returned from San Francisco, Calif., where they attended the Panama-Pacific exposition and were pleased with the glowing description of the fair and the beauties of Governor Johnson's state.

Rheinold Schiller, with Schiller, the Florist, West Madison street, will leave soon to take a trip down the Mississippi river by steamer from St. Louis, Mo., to New Orleans, La., and from there to Norfolk, Va., on one of the ocean liners.

A. Lange and family have arranged to leave August 7 for Omaha, where they may join the Chicago convention party next week.

John R. Hellenenthal and wife of Columbus, O., visited friends here this week.

J. T. Conger, Lockland, O., was here on business this week.

Florists' and Gardeners' Club of Baltimore

The annual outing of the Gardeners' and Florists' Club of Baltimore, Md., will be held at Miller's park, Wednesday, August 18, and the committee in charge have arranged a fine programme for the entertainment of those who attend. A large list of prizes will be awarded to the winners of the various contests, which will include a baseball game and bowling tournaments. The usual crab feast will be one of the features of the outing, and there will be plenty of good music and dancing.

A. F.

SARATOGA, N. Y.—A new system of overhead irrigation in the garden and extensive improvements in the greenhouses are under way at the range of John Ralph.

SUMMER

ROSES

Large supply of choice stock in all the leading varieties including Mrs. Chas. Russell and Ophelia.

EVERYTHING ELSE IN CUT FLOWERS AND GREENS

Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Milwaukee.

STOCK PLENTIFUL.

Stock of every description is plentiful and is to be had in large lots at very reasonable prices. Roses especially are in good supply and some extra fine Ophelia, Hoosier Beauty and Mrs. Chas. Russell are obtainable. The supply of Killarney, White Killarney, Sunburst and all the other roses is also large, which gives the retailer a splendid opportunity to make a magnificent showing at very little cost. Carnations are holding up remarkably well in quality this year and are in good supply. Gladioli are plentiful and the supply of asters and dahlias is steadily increasing. Sweet peas are plentiful and the same holds good for lilies, although the latter are cleaning up well at times. Business is not any too brisk, but still no one is complaining, and judging from the large crowd at the picnic last Sunday, August 1, and the jolly good time all had, a stranger would think that everyone in the trade here was a millionaire.

NOTES.

The Kummer Floral Co. report business as good, with the outlook very encouraging. Mr. Kummer used to be a photographer and drifted into the florist business under rather peculiar circumstances, starting with a few hot bed sash. The roofs and sides of one of his houses is built of old camera plates, 5x7, which naturally attracts one's attention. Mr. Kummer and family will make an automobile trip to Ohio this month, where they will visit friends and relatives. The writer is indebted to Mr. Kummer for driving him about the North Side.

C. C. Pollworth says that his traveling representative, Phil Weil, will represent the C. C. Pollworth Co. at the S. A. F. convention in San Francisco, August 17-19. Walter Holliday, of the store force, has been enjoying a well earned rest at Lake Five, but so far has not sent back any fish. F. J. Boyer is also away on his vacation and Mr. Pollworth and wife returned recently from a delightful auto trip to Marinette, Wis.

Fred J. Manke has about 5,000 feet of glass which he devotes principally

to the growing of sweet peas and chrysanthemums. In addition he has 13 acres of ground and a part of this is devoted to outdoor stock such as asters, etc. This year he planted all his outdoor asters from seed and reports splendid results.

Holton & Hunkel Co. is cutting a fine grade of Hoosier Beauty roses, which promise to make as big a hit as their Mrs. Chas. Russell did. H. V. Hunkel believes that all work and no play makes Jack a dull boy, so he hiked off to tall timbers this week with his family to enjoy a few days' fishing.

F. Gutermuth & Co. are cutting from a nice crop of fine indoor asters which have done unusually well this season. This firm's chrysanthemums are looking fine and are showing splendid growth. Their Boston ferns and outdoor vincas are also worthy of note.

H. W. Koerner cut his first dahlias July 31 and is now bringing a good supply into the market each day. The quality of the stock is better this year than last and the same holds good for gladioli, although the latter did not bring as high prices as formerly.

Currie Bros. Co. has notified the trade that it will tear down its old greenhouses at Twenty-seventh and State streets. The property has been sold to a moving picture concern, who will erect a theater and studio on the old site.

B. A. Loudon, proprietor of the West Side Flower Shop, is attending strictly to business nowadays, for competition is pretty keen in his neighborhood, and he believes in getting every dollar in sight during the summer months.

Grunwaldt Bros., who have taken over the Nic. Zweifel greenhouses and are conducting the business under the firm name of Greenwood Carnation Co., are busy getting the place in shape and are well along with their planting.

Walter M. Maas and wife are spending their vacation in the east this year. Miss Scheriff is in charge of the store and is also a member of the firm which conducts the business under the name of Walter M. Maas & Co.

William Zimmermann, president of the local order of Eagles, is attending

Beauties--Roses

LILIES--GLADIOLI--ASTERS
CARNATIONS--VALLEY--ORCHIDS

Finest Obtainable--Order Here.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES:

Central 2571
2572
Auto. 48-734

Chicago

the national convention at Seattle, Wash. His sister, Miss Louise Zimmermann, is in charge at the store during his absence.

E. Haasch has enjoyed a good cemetery trade at his store at 1256 Hopkins street the past season and is now devoting the most of his time to planting at the greenhouses.

Art. Leidiger, with Edlfsen-Leidiger Co., says that Mrs. Chas. Russell and Ophelia roses are the two best selling varieties on their list just now.

Henry Schimmels is well satisfied with business since he opened his store at 474 Twelfth street, and is gradually establishing a good trade.

It is reported that a delegation representing the Chicago Retail Florists' Association will attend the next club meeting.

Rudolph Preuss & Sons are busy planting their carnations and chrysanthemums and are well along with the work.

Louis Manos, with Nohos & Co., says that his wife is able to be about again after having been ill for some time.

Gust. Rusch, of Gust. Rusch & Co., and family spent a few days fishing at Puckaway Lake this week.

Julius Dilloff, representing Schloss Bros., New York, called on the trade here the past few days.

Nic Zweifel and family are attending the Panama-Pacific exposition at San Francisco, Calif.

Mrs. Bertrand H. Farr, of Wyomissing, Pa., is the guest of Mr. and Mrs. Fred Holton.

Minneapolis, Minn.

MARKET BADLY OVERSTOCKED.

Business continues quiet. Funeral work has been very good, and has helped market conditions somewhat, but there has been a big oversupply of outdoor sweet peas and children are on the streets in numbers selling peas, gaillardias and daisies at five cents per bunch, and the stock in most cases is very good. Asters are making a big bid for supremacy over the carnations in popular favor, but the latter are very fine for this time of the year. Gladioli can be had at your own price. Stock of all kinds is plentiful.

NOTES.

The report and excellent illustrations in THE AMERICAN FLORIST last week, of the outing of the florists of the Twin Cities were highly complimented by members of the craft in both cities.

C. G. Anderson and his family are now installed comfortably in a pleas-

ant flat on Lake street and are favorably impressed with their new location.

A spirit of gloom seems to hang over Rice Bros.' establishment. Art. Rice is away and Frank Stepherson is on his vacation.

J. McMullen, of Will Bros.' force, who was accidentally shot, as reported in these columns last week, is recovering nicely.

The Hiawatha Gardens Co. are sending in some exceptionally fine Beauties which the trade are not ashamed to display.

About 15 of the local florists joined the Order of Stags, July 29, and are enthusiastic about the organization.

Neil Neilsen, of Mankato, Minn., accompanied by his son, were in the city for several days, buying stock.

Thomas S. Lynes has a new Oakland touring car and is planning many trips to the lakes with his family.

W. D. Desmond, of L. S. Donaldson Co., is in Chicago on a buying trip.

T. C. R.

INDEPENDENCE, KAN.—William H. Barnes, secretary of the Kansas State Horticultural Society from 1895 to 1898, died at his home here, July 28.

A. T. Pyfer & Co.

Wholesale Florists

30 East Randolph Street

Chicago, Ill.

THE SIGN OF QUALITY

Westchester and Fairfield Hort. Society.

The annual outing and games of the Westchester and Fairfield Horticultural Society will be held Tuesday, August 10, at Edwards' Rye Beach Inn, Rye Beach, N. Y. Games will start promptly at 10:30 a. m. Entertainment and sports will be provided for old and young, including the ladies and little folks. An excellent shore dinner will be served. Those desiring dinner tickets will kindly notify W. J. Sealey, Portchester, N. Y., as early as possible, that ample provision may be made. Dinner tickets, \$1.50 a person. Come along and enjoy yourself.
P. W. POPP, Cor. Sec'y.

MOUNDSVILLE, W. VA.—The flower shop of Mrs. May Miller is being remodeled and redecorated. When completed it will be up-to-date in all of its appointments.

SPRINGFIELD, Mo.—Due to the Eastland disaster, and for the first time since the Iroquois theatre fire in Chicago, this city was unable to procure their usual supply of cut flower stock. Local florists depend largely upon Chicago greenhouses for their requirements in the cut flower line.

Anything and everything that the market affords in Cut Flowers and Greens.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF

CUT FLOWERS

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Oklahoma City.

After four weeks' steady warm, dry weather, we are now receiving a gentle rain, accompanied by lower temperature, and a general beneficial effect will result to all growing crops.

NOTES.

The state of Texas is to be congratulated on their recent successful annual meeting. When the Oklahoma florists reach that stage of progress, which develops an unanimity of mind and desire to work together for the furthering of the trade in general, our state organization will be in a position to emulate the efficient work as being done by the Texas society. In the meantime, our state society's meetings and our projected flower show must remain as dreams in the minds of a small coterie of enthusiasts, who are unable to carry their ideas to fulfillment, because of a lack of interest shown by the members of the trade in general.

With specially manufactured boxes, and by affixing a special delivery stamp, parcel post delivery of cut flowers is becoming the universal method of sending flowers to points throughout the state and the old-fashioned arbitrary rules and regulations of express companies are gone forever.

Business is somewhat dull and storemen find time to indulge in fishing excursions occasionally. Some day perhaps, we shall be enabled to inaugurate an annual florists' outing in this city. There is nothing like a feast and a picnic for bringing the craft members together in unison.

At this writing it does not appear that Oklahoma City will be represented at the S. A. F. convention. This seems strange when we consider how near we are to San Francisco when compared with eastern cities. S. S. B.

Ft. Wayne.

FUNERAL WORK HELPS DEMAND.

Funeral work has brought about an increase in a comparatively light demand during the past week, and outdoor flowers were used in profusion at several social functions at the Country club. Aside from these events there was practically nothing doing in social circles. The supply of flowers at present is almost overwhelming, and the quality has not been excelled in previous years, due to the favorable weather conditions that have existed during June and July. The best roses are bringing \$6 to \$8 per hundred, while other grades of very good quality bring \$2, \$3 and \$4. Shawyer, Russell, Ophelia and Milady are the best selling varieties. Carnations are just coming in from field grown stock, but are so few they are not quoted as

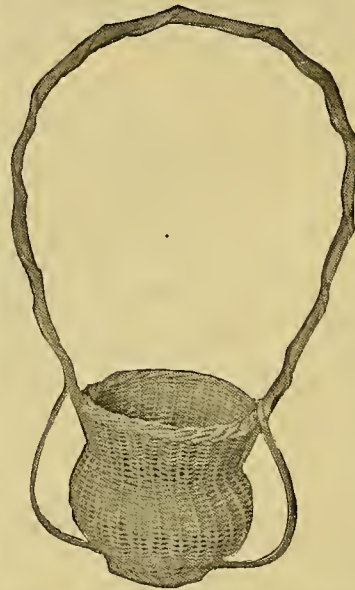
BASKET BARGAIN

ASSORTMENT

25

Small Cut Flower Baskets Including Liners

\$7.50



This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

yet. Gladioli bring \$2 to \$3 per hundred. Asters bring \$1 to \$2 per hundred. Shasta daisies, sweet peas, calliopsis and zinnias make up the variety now offered on the summer market.

NOTES.

A large wedding decoration on August 2 was executed for the Greven-Gilmartin nuptials by the decorating staff of the Flick Floral Co. Large standard vases were filled with huge hydrangeas and America gladioli. The bridal bouquet was composed of lily of the valley, lilies and white orchids, while the maids carried Shasta daisies and Ophelia roses.

J. W. Wenninghof is showing some handsome America and Francis King gladioli. H. K.

OBERLIN, O.—Florists of this city, Elyria, Lorain and Wellington are talking of organizing a florists' club.

RHINEBECK, N. Y.—At the annual meeting of the Violet Growers' Mutual Association, July 10, Chas. Traver of this city was elected president.

LOWELL, MASS.—Damage amounting to several hundred dollars was caused by fire, July 21, to the office building of the McManmon Company, florists, Marshall avenue.

Newport, R. I.

At a meeting of the Newport Garden Club, called by the president, Mrs. Chas. F. Hoffman, to select a member of the board of directors in place of the late Mrs. Stuyvesant Fish, Mrs. Pembroke Jones was elected. It was also voted to hold a mid-summer exhibition of plants and flowers in conjunction with the Newport Horticultural Society and arrangements have been made to hold the exhibition in a vacant lot on Bellevue avenue, August 12-14. A large number of entries have already been made. J. J. B.

HOUGHTON, MICH.—Raids on the peony beds of the Cleveland-Cliffs Iron Co., participated in by children resulted in serious damage to many plants.

XENIA, O.—The Engel Floral Co. has arranged several very attractive window box decorations for business establishments in the downtown district that are bringing many complimentary remarks.

SAN FRANCISCO, CALIF.—Women of the state are taking considerable interest in their new organization, the Ladies' California Floral Society, according to Mrs. J. Wessel, the secretary of the society.

FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED	
100	1000	100	1000	100	1000	100	1000
Mrs. C. W. Ward.....	\$7.00 \$60.00	Winsor.....	\$7.00 \$60.00	Matchless.....	\$9.00 \$80.00	Champion.....	\$8.00 \$70.00
R. P. Enchantress.....	6.00 55.00	Peerless.....	8.00 70.00	Enchantress.....	8.00 70.00	Beacon.....	7.50 65.00
L. P. Enchantress.....	6.00 55.00	Gorgeous.....	7.00 60.00	Perfection.....	7.00 60.00	Victory.....	7.00 60.00
Enchantress Supreme	8.00 75.00	Philadelphia.....	7.00 65.00	White Wonder.....	7.00 60.00	Comfort.....	7.00 50.00
Dorothy Gordon.....	7.00 60.00			Alma Ward.....	7.00 60.00	Commodore.....	7.00 60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

OVERSUPPLIED MARKET PRICES SLUMP.

Gladioli are still the feature of the market; they are much too plentiful, and in most cases do not return enough to pay expressage, \$2 being the outside figure for the pick of the stock, while \$1.50 and \$1.00 is the price for what is sold. As more is thrown away than disposed of, the returns must be very poor indeed. Next in importance are the asters, which are of better quality than last week and very plentiful. Stock without a blemish is selling for \$1 per hundred, all colors. Roses are more plentiful again, with quality of the standard summer sorts quite up to the mark. The eastern American Beauties are very good, while the local new crop are quite presentable. The Easter lily machinery appears to be running full time whether the product brings anything or not. Lily of the valley also comes along and trusts to luck—this week it met with fair demand on account of several important funerals. The past few days have been among the hottest of the season, adding much to the discomfort of the dealers and shortening the life of the stock, which is hard to keep over from one day to another. The vacation season is in full swing, there not being an establishment of any importance but what has a portion of its force away resting up for the coming season.

NOTES.

Voller's House of Flowers has had the front renovated and new plant boxes put up. The color scheme is red and white, the entire front being painted white. The four window boxes, one at the top and one at the base of each of the two windows, are red and white, the red galvanized iron inside lining showing through the white palings of the boxes. These are filled with evergreens, while a row of boxes the width of the property are on the top cornice above the sign. These are filled with tall evergreens. The background here is a high cornice with a white framework, giving a pergola effect. The show windows are protected from the sun with a red and white striped drop awning. The effect is very striking and showy.

Frank Polites has sent out notice to all his growers of his removal to 1420 Chestnut street, the first door west of his present location, where he will have a show window on both sides of the entrance to a large office building. Mr. Polites is quite a factor in the business with three other stores.

S. S. Skidelsky & Co. have just received some choice cyclamen and other seeds from Germany, coming by parcels post by way of Rotterdam. Advices received inform this firm that another considerable shipment is under way and should arrive within the next two weeks.

The Jos. Heacock Co. is working up a wonderful stock of palms. They do not wish anybody any harm, but they feel that they can handle a lot of the trade that formerly went to Belgium, in the event of that country not being able to ship the coming season.

Wholesale Flower Markets

BOSTON, Aug. 4. Per 100

Roses, Beauty.....	2 00@25 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@5 00
" Double White Killarney.....	1 00@6 00
" Killarney Brilliant.....	1 00@8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@8 00
" Taft.....	1 00@8 00
" Milady.....	1 00@8 00
" Ward and Hillingdon.....	1 00@6 00
" My Maryland.....	50@5 00
Cattleyas.....	25 00@35 00
Lily of the Valley.....	3 00@4 00
Sweet Peas.....	50@1 00
Carnations.....	50@1 00
select.....	1 50@2 00

BUFFALO, Aug. 4. Per 100

Roses, Beauty, special.....	20 00@25 00
" " fancy.....	15 00@20 00
" " extra.....	10 00@12 00
" " No. 1.....	6 00@10 00
" " No. 2.....	2 00@3 00
" Killarney.....	3 00@6 00
" White Killarney.....	3 00@7 00
" My Maryland.....	3 00@6 00
" Killarney Queen.....	3 00@4 00
" Richmond.....	3 00@6 00
" Sunburst.....	3 00@6 00
" Ward.....	3 00@5 00
" Taft.....	3 00@6 00
Lily of the Valley.....	5 00@8 00
Lilies.....	40 00@50 00
Cattleyas.....	1 00@1 50
Carnations.....	40@ 50
Daisies.....	1 00@2 00
Snapdragons.....	5 00@10 00
Gig. Lilies.....	2 00@3 00
Peas (outdoor)..... bunch, 5c@10c	
Gladioli.....	40@1 50
Asters.....	35@ 50
Asparagus Sprengeri... per 1000, 2 50	
Ferns.....	15 00
Smilax.....	

CINCINNATI, Aug. 4. Per 100

Roses, Beauty.....per doz., \$0 75@33 00	
" Killarney.....	1 00@6 00
" My Maryland.....	1 00@6 00
" Richmond.....	1 00@6 00
" Taft.....	1 00@6 00
Lily of the Valley.....	3 00@4 00
Lilium Giganteum.....	4 00@8 00
Asparagus Plumosa.....per bch., 25c	
Orchids, per doz.....	3 00
Gladioli.....	1 00@3 00
Snapdragons.....	2 00@3 00

ST. LOUIS, Aug. 4. Per 100

Roses, Beauty, medium.....	8 00@15 00
short stems.....	4 00@6 00
" Killarney.....	2 00@5 00
" White Killarney.....	2 00@4 00
" Aaron Ward.....	2 00@4 00
" Sunburst.....	2 00@5 00
" Ophelia.....	4 00@8 00
" Radiance.....	4 00@5 00
Valley.....	3 00@4 00
Carnations.....	1 00
Orchids.....	35 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosa, per bu., 25@60	
Harrisii.....	6 00
Sweet Peas.....	20@ 40
Gladioli.....	1 00@2 00
Ferns.....	per 1000, 1 50

The old time Kaiserin is a feature of the Edward Reid stock. He finds a good demand for this rose and on his advice one of his growers keeps it in.

American Beauties, asters and Easter lilies are leaders with the Leo Niessen Co. Things keep moving along here up to the average for the season.

Wm. Berger, of Germantown, had an important order on July 24, which gave his force all they wanted to do for a hot summer's day.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2696.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.

McCALLUM CO.

Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburg, Pa.

Berger Brothers are handling something very fine in asters. Special gladioli are also a feature.
K.

LAKE FOREST, ILL — Durand Art hall was the scene of a flower and vegetable exhibition, July 28, under the auspices of the North Shore Horticultural Society and the Illinois Gardening Club. There were exhibits by Mrs. Stanley Field, Mrs. Cyrus McCormick, Mrs. R. H. McElwee, Mrs. Louis Swift, Mrs. James Vilas, Mrs. Blake, Mrs. Brewster and Mrs. Chatfield-Taylor. John Newbore, president of the horticultural society, was in charge of the exhibition.

LILIAM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage**C. S. & CO.**
NEW YORK1000 Pips, \$15.00
2500 " \$5.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of 500 Pips**CHAS. SCHWAKE & CO., Inc.,****90-92 West Broadway.****NEW YORK**

New York.

CITY SWELTERS UNDER HOT WAVE.

In writing of very hot weather we believe that a "torrid wave" is the accepted phraseology. That does very well in most instances, but that which visited this city during the past week was more like a torrid blanket with a lining of humidity.

It enveloped us early in the week, and though the weather sharps, from their comfortable kiosks, far above the sweltering masses of humanity, kept raining down predictions, they were all ineffective.

If there could be any choice, Saturday, July 31, was the hottest day of the week. It will, therefore, be readily understood that business, which was fairly promising on the morning of July 26, dwindled away as the days dragged on. And yet, considering weather conditions, it was almost surprising that there was as much business as was transacted. Good roses were not plentiful, though there was a surplus of inferior stock, wide open and practically unsalable. Orchids continued rather scarce. In gladioli and asters there was a great surplus, which increased toward the last of the week, and at this writing ice boxes are full of both. It is very fine asters that will now wholesale for 75 cents to \$1 per 100 and plenty of them are going at 25 cents per 100 and from that to the dead cart. The gladioli situation is no better, with prices, when there are prices, ranging the same.

August 2.—The market is very dull with a great stock of short roses, asters and gladioli going to waste. Many roses are unsalable when they reach the market. There are practically no good roses, but prices quoted are for the best. There has been rain but the atmosphere is yet very oppressive.

NOTES.

It is stated, from Washington, that in a few days, another "formidable" note from Great Britain, regarding the rights of neutrals at sea and within blockade lines, will be discussed. It is stated that assurances have been received from Great Britain that importation of German sugar beet seed to plant next year's American crop will be permitted. The conditions laid down are that: "It must be shown that the seed is available for purchase only in Germany; shipments must be made from neutral ports only, and there can be no exchange of American goods with the German exporter." We have recently noted an importation of bay trees said to have been held up for two months, and they were a sorry sight. It is stated that goods to the value of \$167,000,000 are now held in Rotterdam, Holland, and that some 3,000 American firms are interested in this merchandise, which it must be understood, covers all lines of importations. Possibly azaleas may be allowed to come in under the same provisions as sugar beet seed. A shipment of palms reached this port from Rotterdam July 29.

The New York Florists' Club bowling team went to Barnegat Bay, July 27, on a fishing trip and remained three days. Part of the time they fished from the ocean and caught eight pound bluefish. In the party were William P. Ford, William H. Siebrecht,

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

Sr.; Harry Riedel, Peter Jacobson, Joseph S. Fenrich, A. J. Guttman, John Miesem, Roman J. Irwin, C. W. Scott and as guests, Charles H. Totty and William Duckham of Madison, N. J.

But little is being said about a delegation to the convention of the Society of American Florists. Compared with the talk of six months ago, we are reminded of the juvenile classic of the little boy who ran to his mother with the information that there were about "forty cats in our barn." Under a severe cross-examination he finally eliminated all but "our old cat and another one."

Thomas F. Galvin, Sr., is now at his store in this city. Thomas F. Galvin, Jr., is on his vacation. F. Deery, who has been the leading decorator at the Boston stores, will be in the New York store for the remainder of the summer. R. Hole, buyer for the New York store, has just returned from a trip to Boston.

We have received from Secretary John Young the preliminary programme for the thirty-first annual convention of the Society of American Florists, August 17-19, to be held in the Civic Centre Auditorium, Hayes and Larkin streets, San Francisco, Calif.

It has been stated that Thomas W. Head, well known in the trade, has sold his range at Bergenfield, N. J. Mr. Head was formerly superintendent of the estate of Morton F. Plant, in Connecticut.

Miss Mabel Conkling, bookkeeper, and Philip Ditzenberger, foreman at H. E. Froment's, have returned from their vacations. William Sampson of the same store, is now on vacation.

William J. Peake, a well known Buffalo, N. Y., florist, was in this city July 30-31, leaving on the latter date, by the steamship Finland, for San Francisco, via the Panama canal.

J. K. Allen has erected a large tent in the yard in the rear of his store. As there were already two large trees there he can now be comfortable.

J. Callas, a retail florist of Kansas City, Mo., has been spending a week with his brother, who is in business in Brooklyn.

Miss A. Stein, bookkeeper for I. H. Eisenberg, has gone on a month's vacation, which she will spend at various resorts.

S. Hopkins, bookkeeper for William P. Ford, has just returned from a vacation at a Westchester, N. Y., resort.

Myer Othile, of Badgley, Riedel & Meyer, has returned from a month's vacation, looking as fit as a fiddle.

Miss Hazel Hanft, bookkeeper for Young & Nugent, is on a vacation of several weeks.

John Kral of Moore, Hentz & Nash, is back on the job after a vacation.

William Blackman, Evansville, Ind., was a visitor the past week.

A. F. F.



Mention the American Florist when writing

John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

Mention the American Florist when writing

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Newark, N. J.

Business is quiet and a number of the florists are seeking recreation abroad. August Begerow Sr. and wife have gone to the Panama-Pacific Exposition. Fred P. Wallinger and wife are on a western trip and will also visit the exposition. Alexander Farbes, of the J. F. Noll & Co. seed store, is resting in the country and is much improved in health. His brother, John Farbes, is on the job at the store and Alexander Jr. is on a vacation.

At Philips Brothers it was said that though they were feeling the summer dullness, they always found something to do.

The outing at Gillette, N. J., of the Essex County (Newark) Florists' Club is expected to be a very enjoyable affair.

The Wilson Seed Co., Inc., report business as good as can be expected at this season. A. F. F.

WILMINGTON, MASS.—A voluntary petition in bankruptcy has been filed by J. W. Manning, landscape architect. Liabilities are \$29,547 and assets, amounting to \$42,150 include encumbered real estate valued at \$37,150 and personal property valued at \$5,000.

OFFICIAL
S. A. F.

Shipping Labels

FOR CUT FLOWERS: In two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones { 1664 } Madison Square, 34 W. 28th St., New York
{ 1665 }
Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533
Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Mention the American Florist when writing

Paul Meconi

Wholesale Florist

55-57 West 26th Street
NEW YORK CITY

Telephone: 3864 Madison Square.

Mention the American Florist when writing

Cincinnati.

BUSINESS TONE VERY WEAK.

Business is very dull. The supply has shortened somewhat, but this shortening means only a shortening in the surplus stock not in the stock that is needed. The demand is about the same as it has been since the beginning of summer. Roses are plentiful, but the great bulk of them are short and not very good. Gladioli and asters are still in a glut and many of the best blooms have had to go to the ash-barrels. Auratum and rubrum have a limited call. Easter lilies are plentiful. Other offerings include dahlias, snapdragons and pond lilies. Some very good asparagus and plumosus is coming in from local growers.

NOTES.

Al. Bradford, of Springfield, Ohio, who is opening a new flower store there, and G. A. Beckman, of Middletown, Ohio, were in town during the past fortnight on buying expeditions.

Miss Mary Rusconi was married to Frank Cebulo, Monday, July 26. After the ceremony the guests adjourned to Dietrich's club house at Ft. Thomas for dinner.

Chas. Pommert of Amelia, Ohio, who has just returned from Peoria, Ill., states that all business there except the florist business seems to be prospering at this time.

The local florists' society will not have a regular monthly meeting in August owing to the fact that many of the florists are away.

C. E. Critchell has been having some very fine home-grown asparagus and plumosus.

Mrs. E. G. Gillett and daughter, Rosalia, leave for Michigan, August 8.

J. T. Conger has returned from a visit to his son at Wichita, Kan.

Gus. Brunner left July 29 on an extended trip through the north.

Visitors: Frank J. Farney, of M. Rice Co., Philadelphia, Pa.; Wm. Gardner, New Castle, Ind.; Carl L. Baum, Knoxville, Tenn., and F. J. Donaldson, of the Willowdeen Nurseries, Sparta, Ky.

HOUSTON, TEX.—The R. C. Kerr Floral Co. has sold its Washington avenue branch to E. B. Sisk.

DAYTON, O.—Miss Bonnie Ewing has given up her retail store on West Third street. The greenhouse end of the business will be continued.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK
Tel. 606 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, Aug. 4.		Per 100
Roses, Beauty, special.....	10	00@15 00
extra and fancy...	6	00@ 8 00
" No. 1 and No. 2...	2	00@ 4 00
" Alice Stanley.....	1	00@ 6 00
" Prince d'Arenberg, special.	4	00@ 5 00
" Francis Scott Key, special.	6	00@ 6 00
" Mrs. Geo. Sawyer, special	4	00@ 5 00
" " extra.....	3	00@ 4 00
" " No. 1 & No. 2	1	00@ 2 00
" White Killarney, special...	6	00@ 6 00
" Killarney, My Maryland...	4	00@ 6 00
" " No. 1 and No. 2.	1	00@ 2 00
" " Queen.....	1	00@ 6 00
" " Brilliant.....	1	00@ 6 00
" Aaron Ward.....	1	00@ 6 00
" Richmond.....	1	00@ 4 00
" Sunburst.....	1	00@ 6 00
" Talt.....	50	@ 5 00
" Milady.....	1	00@ 4 00
" J. L. Mock.....	1	00@ 6 00
" Hadley.....	1	00@ 8 00
" Ophelia.....	1	00@ 5 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Hoosier Beauty.....	1	00@ 6 00
Cattleya Orchids, special.....	60	00@75 00
inferior grades.....	25	00@35 00
Lilies, Longiflorum and Harrisil..	2	50@ 3 00
Lily of the Valley.....	2	50@ 3 00
Asters.....	25	@ 1 00
Adiantum Croweanum and Hybridum.....	50	@ 75
Asparagus Plumosus...doz. bchs.	1	50@ 2 50
Smilax.....doz. strings.	50	
Sweet Peas, per doz. bunches.	25c@35c	
Gladiolus.....per doz.,	10c@15c	

United Cut Flower Co., Inc.

WHOLESALE

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.
Wholesale Florists.

101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Mention the American Florist when writing

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.

Telephones: 798 and 799 Madison Square.
Orchids, Roses, Carnations and all the other best products of the leading growers.
Consignments solicited.
Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade at Wholesale.
Telephones: Madison Square 1519-5893
119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

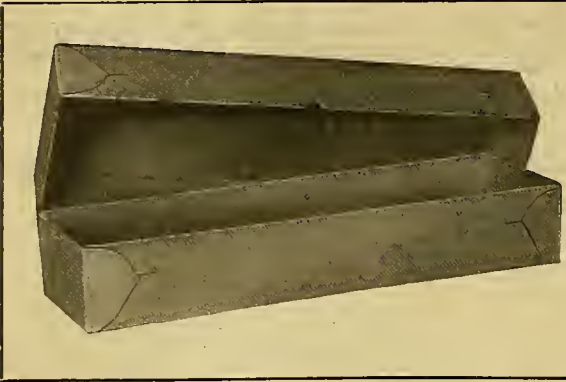
WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.
Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing



Mention the American Florist when writing



YOU are judged largely by the way your flowers are delivered. Sefton Flower Boxes and their delivery will mean continual satisfaction for you and your customers. Made of the best materials, finished in non-fading shades. Ask your paper jobber.

You ought to have our Catalog—also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street, CHICAGO, ILL.

Kansas City.

Market conditions during the past week have experienced little change. The supply of gladioli has been ample as the demand has not been quite as brisk. The quality is exceptionally fine. Roses are better both in the stem and bud, and the Russell roses arriving now are exceptionally good. Carnations and sweet peas are not as good in quality. Pot plants are still having a good sale.

ANNUAL OUTING.

The second annual outing of the local florists was held at Holsinger Bros.' nursery, Rosedale, Kan., July 28. That it was a success is acclaimed by all who attended. The true Kansas City spirit was everywhere prevalent and in consequence everybody enjoyed themselves to the limit. In the field games the programme was very well arranged and was both interesting and amusing. An arrangement was made whereby no contestant could receive more than one first prize, and as the prize list was a very liberal one, it made it possible for nearly every contestant to win a prize. Ball game and tug of war prizes and the drawing for the diamond pin were, however, not included in this plan.

In the ball game between the greenhouse men and store men, the greenhouse men won out by the close score of 5 to 3. Cigars were awarded the winners. Other events and awards were as follows:

Fifty-yard dash for women—Miss Mildred Rose, first; Miss A. Schultz, second.

Baseball throw for girls under 15 years—Miss Edna Ellsworth, first; Miss Ruth Watson, second.

Baseball throw for boys under 15 years—Harvey Schultz, first; Murray Ellsworth, second.

Baseball throw for women—Miss Elfrieda Brookmiller, first; Miss Alice C. Kidd, second.

Baseball throw by men—L. E. Wilson, first; P. Galliton, second; H. Coffee, third.

Standing broad jump, men—P. Vassel, first; J. Lanni, second.

Horseshoe pitching by ladies—Miss D. Biedermann, first; Miss M. Smith, second.

Horseshoe pitching by greenhouse owners—Ed. Ellsworth, first; E. L. Clements, second; E. Bunyar, third; Will Biedermann, fourth.

Horseshoe pitching, men; open to all—C. A. Schultz, first; G. Prosser, second; E. Odom, third.

Tree climbing, boys under 15—Edmund Rose, first; Franklin Rose, second.

Backward race for men—Alva Brainard, first; Chas. Robinson, second; P. G. Brackenberry, third; C. E. Smith, fourth.

Nail-driving contest, for women—Mrs. T. J. Wray, first; Mrs. G. K. Parker, second; Mrs. M. E. Chandler, third.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

Size	Teles. Cov.	Per 100
20x 4x3	Teles. Cov.	\$1 60
24x 4x3	" "	1 90
18x 5x3	" "	1 60
21x 5x3	" "	1 90
24x 5x3 1/4	2-in. Cov.	2 25
30x 5x3 1/4	" "	2 50
21x 8x4	" "	2 65
24x 8x4	" "	2 90
28x 8x4	" "	3 25
28x 8x5	" "	3 75
36x 8x5	Teles. Cov.	5 25
40x 8x5	" "	6 75
30x10x5	" "	5 25
36x10x5	" "	6 75
30x12x6	Telescope	7 50

Palm Green Untinted.
36x12x6, Telescope..... 9 00
No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.
Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

Ladies' anti-laughing contest—Mrs. W. J. Barnes, first; Mrs. R. Hardy, second; Mrs. Louise Wormsley, third.

Sack race for men—Geo. W. Holsinger, first; Roe Milks, second; C. E. Harnden, third.

Peanut race for ladies—Mrs. D. I. Blanford, first; Mrs. H. B. Barnes, second; Mrs. J. B. Masson, third.

Three-legged race, men—L. Wormsley, first; H. Ragell, second.

Ladies' chicken-catching contest—Mrs. E. Odom, first; Mrs. G. E. Rose, second; Miss Francis Holsinger, third.

Open rose, for men—W. J. Barnes, Jr., first; E. Moore, second.

Watermelon contest for men and women—Billy Biedermann, first; Miss Louise Biedermann, second; Geo. Couch, third.

In the drawing for the diamond pin, Walter Height was the lucky one.

The prize list was a generous one and included articles of utility and value contributed by the following: M. Rice Co., Philadelphia, Pa.; Vaughan's Seed Store, Chicago; Mandeville & King, Rochester, N. Y.; Kansas City Nursery, Kansas City, Mo.; Kimball Milling Co., Rosedale, Kan.; Bryson Ayres, Independence, Mo.; Holsinger Bros., Kansas City; A. L. Randall Co., Chicago; Ralph M. Ward & Co., New York; Revere Rubber Co., Boston, Mass.; A. A. Arnold Paper Co., Chicago; Kellogg Flower & Plant Co., Kansas City, Mo.; Burlington Willow Ware Co., Burlington, Ia.; M. E. Chandler, Sefton Manfg. Co., Chicago; H. Bayersdorfer & Co., Philadelphia, Pa.; Wertheimer Bros., New York, in addition to prizes provided by the Kansas City Florists' Club.

Among the out-of-town visitors who attended the outing were Joseph Marks, representing A. A. Arnold Paper Box Co., Chicago; John Lanni, Rochester, N. Y.; Walter Hite, Merriam, Kan.; M. Archias and son, of Archias Floral Co., Sedalia, Mo.; L. Asmussen and wife, Lansing, Kan.; P. G. Brackenberry, Pleasant Hill, Mo. E. J. B.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING.**
Write us for our sample folders, cuts and slides for advertising:

- | | |
|-------------------------|----------------------------|
| Mothers' Day | Fall Announcement |
| Spring Planting | Thanksgiving |
| Memorial Day | Christmas |
| Social Occasions | St. Valentine's Day |
| Fall Planting | Easter |

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.
Write us for Booklet M.

MCNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) \$2.50 per case

- | | |
|-----------------------|------------------|
| Fancy Ferns..... | per 1000, \$1.25 |
| Dagger Ferns..... | per 1000, 1.00 |
| Natural Moss..... | per bag, 1.75 |
| Perpetuated Moss..... | per bag, 3.50 |

E. A. BEAVEN, Evergreen, Ala.

LYRATA \$2.50 Per Case

- | | |
|-----------------------|-----------------|
| Fancy Ferns..... | \$1 25 per 1000 |
| Dagger Ferns..... | 1 00 per 1000 |
| Natural Moss..... | 1 75 per Bag |
| Perpetuated Moss..... | 3 50 per Bag |

Caldwell the Woodsman Co.
Everything in Southern Evergreens,
EVERGREEN, ALABAMA

Prepared Magnolia Leaves

Green, Brown, Red and Purple

\$1.00 carton (approximately 1000 leaves)
f. o. b. Evergreen

KNUD NIELSEN, EVERGREEN, ALA.

NEWTON FALLS, O.—Two new houses, one to be planted to roses and the other to carnations, are being built at the range of the Cleveland Cut Flower Co. This firm's range on Eddy road, Cleveland, is being torn down and the material shipped here.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevens & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3843 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists: **NEW YORK**

We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

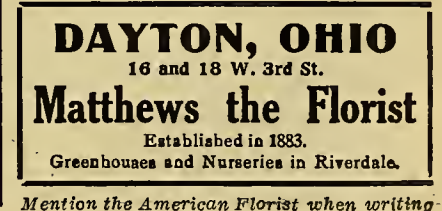
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing



DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1833.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

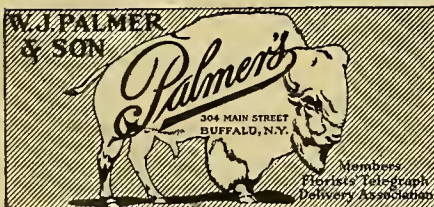
OF
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Omaha, Neb.

Hess & Swoboda FLORISTS,

1415 Farnum St. TELEPHONES
1501 and L 1582

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

New York.

MAX SCHLING

No. 22 West 59th Street
Adjoining Plaza Hotel.

Members of the Florists' Telegraph Delivery.

Mention the American Florist when writing

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalla, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heiml & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Roht, C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Lehorius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldoecch, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE,
President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Trade Directory

OF THE

United States and Canada

Price \$3.00 Postpaid.

American Florist Co.,
440 S. Dearborn St.,
CHICAGO.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackstone

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656

Established 1880

M. WEILAND FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyre, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Peters.
Colorado Springs, Colo.—Pike Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow & Co.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard'a, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewia Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Friedman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only
the
Best
Dunlop's
96 Yonge Street.

We deliver anywhere in Canada and guarantee
safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City.

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

New York.

MYER, FLORIST, 609-811 Madison Ave
Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop The Leading Florists
69 MADISON AVENUE

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

16 N. 6th St., Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON
TORONTO, CANADA

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

**Trade
Directory**
OF THE

United States and Canada

Price: \$3.00, Postpaid.

American Florist Co.,
740 S. Dearborn St., CHICAGO

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing


A BUSINESS BUILDING OPPORTUNITY

SALES CO-OPERATION FOR WITTBOLD CUSTOMERS

Special

This \$2.50
Boston
Fern

\$1.50



THIS exceptional offer is possible only in the summer time, when plants are cheapest. Think of it—splendid specimen Boston Ferns in 8-inch pots—luxuriant pot-grown plants—healthy and well established—regular \$2.50 values for only \$1.50 each.

Our supply is limited, so secure one of these beautiful house plants now.

YOUR NAME
in this space

Read this retail newspaper advertisement. Study it. Wouldn't this ad look good in your local newspapers with your name attached to it?

The Florist who makes the biggest noise is most successful today. To make noise you must advertise—and back up your advertising with genuine
bargains

Then why not arrange to sell these high-class Boston Ferns—a \$2.50 value—for \$1.50 each this summer?

Here is how you can do it and make 50% profit

We will sell you the Boston Ferns just as described in the retail ad above for only \$1.00 each, with an allowance of 10% off to cover freight. If your order is for 12 Ferns or more, we will furnish you with an electrotype of the retail ad free.

Think it over quick. You can sell big quantities of these Wittbold Boston Ferns this summer. **This offer will make a noise in your town that will bring you lots of new customers.** There will be other Wittbold Specials to follow this one. So get in line with our many successful customers and

WIRE, PHONE OR MAIL YOUR ORDER TODAY

THE GEO. WITTBOLD CO.
739 Buckingham Place, L. D. PHONE GRACELAND 1112 CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

ITALIAN growers report onion and cauliflower seed crops short.

VISITED CHICAGO: H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia.

ENGLISH growers report 50 per cent yield on Cow Horn, Purple Top White Globe and Purple Top Strap Leaf turnip.

CHICAGO.—Prices for grass seed on the Board of Trade August 4 were as follows: Timothy, \$5.50 to \$7.25 per 100 pounds.

LILUM CANDIDUM, from Northern France is late in being lifted, owing to lack of help. Extra large sizes are again scarce.

GRAND RAPIDS, MICH.—Alfred J. Brown is golfing at his summer home at Northport, Mich., regardless of the demand for winter vetch or crimson clover.

NEW MADISON, O.—The gladiolus farm of P. O. Coblenz is nearly under water, and in a private letter he reports serious damage to his crop and seedlings.

NEWLANDS, IND., August 4.—This is a new onion growing district. Many fields are now under water. It is thought that many growers will lose their entire crop.

FRENCH exporters are offering immortelles at 50 francs for yellow, 60 for colors, to jobbers, f. o. b. French ports. Cases are higher with buyers' risk ocean freight.

THE unusual size of some game fish caught in irrigation ditches in Washington led to the belief that they had fattened themselves by eating alfalfa, and an investigation proved the theory correct.

SOUTHERN FRANCE seed growers have had their books and correspondence seized by the Prefect of the department, as the authorities suspect, they have been trading with the enemy through Switzerland.

CONDITIONAL assurances are received from Great Britain that importation of German sugar beet seed, to plant next year's American crop, will be permitted, as a result of informal negotiations of the state department.

CHINESE narcissus bulbs are being held by the Amoy growers at 50 per cent above prices of 1913, and it would now appear that the crop may again be thrown away because sellers and buyers are unable to get together.

CHARLES M. JACKMAN, of Vaughan's Seed Store, Chicago, writes July 19, from Northern France, that he has had to pass three severe examinations in crossing borders on his trip, and expects two more. He supplements this by a cable, August 4, announcing his safe arrival in Holland. He crossed to England, via Boulogne.

CARLOS JENSEN, manager of the garden seed department of L. Daehnfeldt, Ltd., Odense, Denmark, sailed July 22 from Copenhagen, on the S. S. Frederick VIII., for the United States, where he will call on customers, visit the Panama-Pacific Exposition, and inspect his firm's seed crops. Mr. Jensen last visited the United States about five years ago, when he made a host of friends in the trade.

Onion Sets at Chicago.

Up to this date, August 4, it has rained practically every day since the last issue of THE AMERICAN FLORIST, and it is still raining. The condition of the onion set crop in Cook county is still more critical, and good judges predict that a damage of 50 per cent has already taken place.

Peas and Beans.

Wisconsin peas we understand bid fair to produce a normal yield of better seed than we have had for a number of seasons. In the Idaho district it is said the crop is exceedingly late, and much depends upon weather conditions during the next week or two. Much damage has been done by frosts and, on the whole, this section is not expected to turn out the crop it has produced in the past few seasons.

The bean stand is thin, and, while the plants are making satisfactory growth right now, it is expected the crop will be below normal as a whole.

California Seed Crops.

Gilroy, July 30.—The Pieters-Wheeler Seed Co. reports all crops are fair to good except onion, which will not average half a crop, and some sorts, such as Flat Yellow and White Globe, will be very short. There is no big crop of anything, but it is likely there will be enough of all except onion to fill contracts, and some little surplus of a few items.

Onion, very short crop, 25 to 60 per cent, according to variety.

Salsify, about 80 per cent.

Lettuce, 100 per cent.

Radish, 100 per cent.

Endive, 100 per cent.

Parsnip, 100 per cent.

Sweet peas, 100 per cent.

French Seed Crops.

Southern France seed growers report very heavy rains. This, coupled with the lack of necessary labor has caused a heavy loss in vegetable seed crops. The fields are very weedy. Contract prices for next season are certain to be high. A small farmer is sure to restrict his labor principally to the growing of such crops as haricots, potatoes and wheat, which do not require as much detailed labor. This season's crops are the worst experienced in over 20 years.

Onion and leeks will not run 25 per cent. Plants in most districts have a most unhealthy appearance and rain has apparently caused mildew.

Beets and mangels may give one-third of the usual output. There is a root disease on this stock.

Of egg plant and pepper, there is very little grown this year on account of lack of labor at planting-out time.

Maggots are bothering carrot and the crop is very short.

Lettuce will run about 25 per cent of a crop.

Spinach, cabbage and endive are entire failures.

Connecticut Seed Crops.

Milford, Conn., July 26.—Beet seed is looking well although the aphid has done quite some damage, and is a new beet seed pest which we will have to look after in succeeding seasons. The aphid has completed its destruction for this season, however, having only worked on certain plants. The general crop is looking well, and bids fair to be normal.

Onion seed is looking well on a full normal acreage for us, and, while the critical period, that of the setting of the seed and filling, has not yet passed, we are sufficiently optimistic to believe that it will make an average crop.

Sweet corn on a normal acreage is making exceedingly rapid growth at this time and, while it is still backward, we believe that we will succeed in maturing a good crop of corn.

Carrot seed on a large acreage for our section is looking very well, indeed, promising a very fine crop.

The turnip harvested was a very good crop on a light acreage.

Commercial Corn Grading.

The United States department of agriculture in Bulletin 163, issued July 15, 1915, under the title of "Grades for Commercial Corn," gives somewhat detailed information in order that producers, dealers and consumers throughout the United States may fully understand the government corn grades.

In the grading of commercial corn no factor is of greater importance than the securing of a sample representative of the bulk. Likewise, no factor is more frequently neglected. In the application of these grades to car-lot shipments of corn it is recommended that not less than five probes with a suitable grain trier be taken in such a way that the composite sample thus secured will represent the average of the car as nearly as practicable.

Representative samples can not be secured by emptying the contents of the trier, after each probe, on top of the grain, then roughly mixing and taking a portion thereof, usually in-

Pieters-Wheeler Seed Company

Growers of
High Grade

SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Company

cluding a part of the surface corn, as a composite sample for the basis of grading. Such samples not only fail to represent the bulk, but are misleading, especially from the standpoint of dirt and cracked corn. In the sampling of large lots of grain, such as occur in the loading of steamers, at least one representative sample made up of a series of samples from the various drafts should be taken for each 5,000 bushels.

Care should be taken to see that the samples used for the detailed analyses are representative of the larger sample as drawn from the car or other bulk. The samples taken from the car or other bulk on which the grading is to be based should consist of not less than 1 quart of shelled corn.

In determining the moisture content, it is desirable that all important samples be tested in duplicate whenever practicable and the final result based on the average of two tests. Results of tests need not be expressed closer than one-tenth of 1 per cent, and the grain should be given the benefit of the doubt in computing averages.

Color determinations should be made on not less than 100 grams of the screened sample; that is, after the "cracked" corn and foreign material have been removed. All grades of white corn require that at least 98 per cent, by weight, shall be white, and all grades of yellow corn require that at least 95 per cent shall be yellow.

The percentage of damage should be made on a screened sample, preferably by using the entire quantity that remains after removing the foreign material and "cracked" corn. In order to simplify the determination for damaged corn and to avoid a double penalty, the damaged "cracked" corn, as used in these grades, shall be considered simply as "cracked" corn; that is, the small quantity of damaged "cracked" corn should not be picked out after screening and classified as a part of the damaged corn. An excess of damage in the "cracked" corn will be evidence of a willful adulteration and a violation.

Imports.

During the week ending July 31 imports were received at New York as follows:

Hillsdon-Watts, Ltd., 22 cases palm seed (Sydney, N. S. W.).

F. B. Vandergriff & Co., one case (Bermuda) palm leaves.

Muller, Schall & Co., 50 bags clover seed (Havre, France).

Julius Roehrs Co., 15 cases plants (palm) (Rotterdam).

Winter Son & Co., 21 sacks grass seed (Liverpool).

G. Tait & Sons, 12 sacks turnip seed (Liverpool).

P. C. Kuyper & Co., 15 cases bulbs (Rotterdam).

J. R. Marquette & Co., 92 bags seeds (London).

Vaughan's Seed Store, 94 cases (Bermuda) bulbs.

L. D. Crossnond & Co., 28 cases (Bermuda) bulbs.

Maltus & Ware, 27 cases bulbs (Rotterdam).

J. Bolgiano & Son, 71 hags seeds (Bordeaux).

G. H. Cobb, nine cases mushroom spawn (London).

A. T. Boddington, 20 bags fertilizer (Hull).

To order, 19 sacks grass seed, 1 case cabbage seed, 12 bags beet seed, 456 crates of bulbs (Bermuda), 179 cases bulbs (Rotterdam).

Flower Seeds for Present Sowing

PANSY—Barnard's Florists' Mixture

For Size of Bloom and Rich Colors, Excelled by None

Trade Pkt., 25c; 1/8 oz., \$1.00; 1/2 oz., \$3.50; oz., 7.00.

GIANT MIXTURE—Trade Pkt., 20c; 1/8 oz., 50c; oz., \$4.00.

CALCEOLARIA, Hybrida Grandiflora..... Trade Pkt., 50c

CINERARIA, Hybrida Grandiflora..... Trade Pkt., 50c

PRIMULA, Sinensis Fimbriata, choice varieties, in separate colors and mixed. Tr. Pkt., 50c

SEEDS OF HARDY PERENNIALS. Very complete assortment.

10 per cent off for cash on orders for flower seeds.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Simon Louis Freres & Co.

SEED GROWERS

Telegraph Address **Simon Bruyeres-le-Chatel.** **Bruyeres-le-Chatel, France**

Growers of Asparagus, Broad Beans, Beet, Broccoli, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Celery, Chicory, Dandelion, Leek, Lettuce, Mangel, Onlon, Parsley, Parsnip, Radish, Swiss Chard, Turnip, Swedes.

Dealers in Grass and Clover Seeds.

OUR wholesale price list for the trade only of

High Class Bulbs

for forcing and for outdoor planting is now ready for distribution.

Drop us a postal for your copy—it contains information of interest and value.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

COLD STORAGE

VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100.

Florists' Money Maker, best Valley at moderate prices, \$14.00 for 1000; \$7.50 for 500; \$4.00 for 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

THE G. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Cyclamen Seed

To get best results sow early

STUART LOW CO.'S

superb strain, including:

Low's Salmon King	Giant White
Pink Pearl	Princess May
Mrs. Buckston	Phoenix, Etc.
Vuican	

1915 crop just harvested.

Also STREPTOCARPUS, finest strain.

Royal Nurseries

Bush Hill Park

ENFIELD, ENGLAND.

Mention the American Florist when writing

MY

Winter Orchid

Sweet Peas

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the Panama-Pacific Exposition.

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK
Lompoc, Calif.



French Paper White Grandiflora (Now Due)

Fancy (1250 bulbs to case)..... Per 1000 \$ 8.50
 Star Brand (1000 bulbs to case)..... 11.00
 Precocious, Vaughan's Extra Early Grandiflora
 Select Bulbs..... 9.00
 Mammoth Bulbs 12.00

Lilium Formosum (New Crop)

7-9 inch (250 bulbs to case).....per 1000, \$60.00
 9-10 inch (180 bulbs to case).....per 1000, 80.00

Lilium Harrisii— NEW CROP JUST IN.

Best Bermuda Stock. From rogued fields.

6-7 inch (335 to case) Per 1000 \$50.00
 7-9 inch (200 bulbs to case) 75.00

Cold Storage Lilies

SPECIAL PRICES to "clean up." Per case
 Giganteum, 7-9 inch (300 bulbs to case) \$15.00
 " 9-10 inch (200 bulbs to case) 16.50
 Formosum, 8-9 inch (225 bulbs to case) 14.00

Freesias

	Purity (True).		Vaughan's Improved Purity.		French Grown.		
	Per 100	Per 1000	Per 100	Per 1000	Per 100	Per 1000	
5/8-in. and up.....	\$2.00	\$18.00	5/8-in. and up.....	\$2.00	\$18.00	Jumbo, 3/4-in. and up.....	\$10.00
1/2 in. to 5/8-in.....	1.60	13.00	1/2-in. to 5/8 in.....	1.75	15.00	Mammoth, 1/2-in. to 3/4-in.....	8.00
3/8 in. to 1/2-in.....	1.25	10.00	3/8-in. to 1/2-in.....	1.50	12.00		

New Crop Calla Bulbs Due August 10.

VAUGHAN'S SEED STORE, Chicago and New York

FREESIA BULBS

TRUE PURITY

	Per 100	Per 1000
3/4 to 1-in. diameter.....	\$1.70	\$16.00
5/8 to 3/4-in. ".....	1.50	14.00
1/2 to 5/8-in ".....	1.25	11.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seed"

411-413 Washington Ave.,
 ST. LOUIS, MO.

Write for our Trade Fall Catalogue.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

Trade Directory

PRICE, \$3.00,
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440 S. Dearborn Street,
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Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
 Kelway's Celebrated
 English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

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Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

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Sweet Pea and Nasturtium Specialists.

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Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
 Squash, Watermelon, Radish, Sweet Corn.
 Correspondence solicited.

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FERNS IN FLATS

ALL VARIETIES

We ship by express during July and August, stock ready for 2 1/2-in. pots in flats of about 110 clumps, which can be divided.

Price, \$2.00 per flat
 20 or more flats, \$1.75 each.
 Packing included.

Order now while we have full list of varieties to select from.

Write for illustrated folder.

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 17 Murray Street, NEW YORK

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Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Henry Fish Seed Co.

Bean Growers for the
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CARPINTERIA, CALIF.



PRINCESS. 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c; 1000 Seeds 35c; 1/2 oz. \$1.00; 1/4 oz. \$2.00; 1 oz. \$7.50.

- 38—Mine. Perret—Red and wine shades.
- 40—Zebra—Fine striped mixture.
- 42—Adonis—Light blue, white center.
- 44—Black—Almost coal black.

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

- 22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3 1/2 to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, and many others. Light, Medium or Dark Mixtures.
- 26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long.
- 28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance.
- 30—GIANT THREE AND FIVE BLOTCHED PANSIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are \$5.00 per oz.; \$1.25 per 1/4 oz.; 5000 seeds, \$1.00; trade packet of 1000 seeds, 25c; any 5 pkts, \$1.00. Please order by number.

- 48—Lord Beaconsfield—Purple shaded white.
- 50—Bronze—Beautiful bronze.
- 62—Cecily—Steel blue, margined white.
- 64—Goliath—Large curled yellow, blotched.
- 68—Emp. William—Ultramarine blue.
- 84—Superba—Orchid tints of red and wine.
- 86—Sunlight—Yellow with brown blotches.
- 88—Andromeda—Curled apple blossom.
- 90—Colossea Venosa—Light veined shades.
- 92—Almond Blossom—Delicate rose.
- 94—Aurora—Terra cotta shades.
- 97—The above named Orchid mixed.
- 98—Indigo Blue—Deep velvety blue.
- 100—Light Blue shades.
- 104—Meteor—Bright red brown.
- 106—Pres. McKinley—Yellow, dark blotched.
- 114—Purple—Large rich deep color.
- 116—Peacock—Blue, rosy face, white edge.
- 118—Psyche—Curled white, five blotches.

- 126—Red—A collection of rich red shades.
- 138—White—Large satiny white.
- 140—White with violet blotch.
- 142—Yellow—Large golden yellow.
- 144—Yellow with dark blotch.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow, and with other amounts in like proportion.



Waldo Rohnert

GILROY, CAL.
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

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R. & M. GODINEAU

SEED GROWERS
Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

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BURPEE'S SEEDS

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Wholesale Price List for Florists and Market Gardeners

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L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

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ROCHESTER, NEW YORK
Let us supply your wants in Fall Bulbs

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

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SEEDS WHICH SUCCEED

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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corn.

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FINEST Pansy Seed QUALITY

My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture, 1 pkt, 5000 seed, \$1.00; 1/2 oz., \$2.00; 1 oz., \$4.00. Cash with order. E. B. JENNINGS, Southport, Conn. Lock Box 254. Grower only of Fine Pansies.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDSBORO, N. J.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite Bldg., Rochester, N. Y., Secretary, Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ELIZABETH, N. J.—The Elizabeth Nursery Co. is erecting a concrete building for packing and storage purposes.

PITTSBURGH, PA.—The Elliott Nursery Company has been incorporated by J. Wilkinson Elliott, Thos. M. Elliott and Rhea F. Elliott.

SPOKANE, WASH.—The Spokane Horticultural Society has secured new quarters at the assembly room of the Old National Bank building.

BOISE, IDA.—The report of the state horticultural inspector shows that many nurserymen have discontinued business and have not renewed licenses.

The forecast of the United States department of agriculture for July estimates the apple crop for Indiana at 7,688,000 bushels, the largest crop ever known in the history of the state.

PEN-MAR, PA.—The summer meeting of the Maryland State Horticultural Society was held here July 29-30. An automobile tour of the fruit growing region of the Cumberland valley was a feature.

SEDALIA, MO.—K. C. Sullivan, connected with the experiment station of the state agricultural college at Columbia, has been making an inspection trip of the nurseries in the state, and compliments the Archias Seed & Floral Co. of this city very highly. He reports the nursery department of that company as being in the very cleanest condition, the stock being entirely free of bugs or insect pests.

Death of Colonel Brackett, Pomologist.

Colonel G. B. Brackett, for the last 18 years chief pomologist of the department of agriculture, is dead at Washington, aged 80 years. He was a native of Unity, Me., and a veteran of the civil war.

Texas Nurserymen's Association.

The Texas State Nurserymen's Association meeting in conjunction with the Texas farmers' congress at College Station opened its session Tuesday, August 3. Prof. H. Ness, of the Texas experiment station welcomed the members of the association, the address being responded to by Wm. B. Mumson, president of the nurserymen's organization. Interesting papers and discussions covering a wide range of subjects were features of the programme. Discussions relative to the nurserymen's part in the state botanical garden and arboretum plan were not made a part of the programme at this meeting, but will come before the regular annual meeting to be held in September. The president's address, report of the secretary, election of officers and other important business will also come before the association at that time.

California Nurserymen's Convention.

No state organization has shown greater vitality, nor covered its field of operations more thoroughly, than the California Association of Nurserymen, which will hold its fifth annual convention this year in conjunction with the thirteenth annual meeting of the Pacific Coast Association of Nurserymen at San Francisco, August 12-14. The first day and a half of these dates will be occupied by the latter, and the remaining day and a half by the former organization. Both will convene in San Francisco's new Civic Auditorium. Monday, August 16, will be "Nurserymen's day" at the Panama-Pacific exposition, on which occasion the officials and the disciples of potting benches and nursery rows promise some interesting "doings." Following this will come the big event of the year, viz., the annual meet of the Society of American Florists, for which many of the nurserymen will remain over, because also affiliated with that organization. Allowing for the fact that Vice-president Daniel MacRorie of the S. A. F. has increased the membership more than one hundred in California, the significance of this layover will be appreciated.

The programme for the Pacific Coast Association of Nurserymen's meeting is nearly complete at this writing (July 30) and will be substantially as follows:

Uniform Horticultural Laws, by M. McDonald, Orenco, Ore.

Recent Horticultural Legislation, by Dr. A. J. Cook, state commissioner of horticulture, Sacramento, Calif.

Quality vs. Quantity and a Wider Distribution, by S. A. Miller, Milton, Ore.

Reminiscences Concerning Nursery Interests, by Prof. E. J. Wickson, Berkeley, Calif.

Valuable Information About Ornamental Plants, by J. W. Gregg, professor of landscape gardening, University of California.

German Iris

PLANT NOW

Eight distinct varieties, Per 100 Per 1000
our selection.....\$2.50 \$22.50

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

PEONIES AND IRIS

Catalogue now ready.

PETERSON NURSERY

Stock Exchange Bldg.
CHICAGO, ILL.

Our Guarantee—We will replace with three all plants not proving true to description.

Wouldn't you rather have

English Roses

If you could buy them at

German Prices?

You know, of course, or you have been told, that there are no roses like the roses from England. Britain is the home of the rose tree. No doubt you can grow the most splendid blooms with good large stems, but you have got to have the tree first. And it is in the production of the tree that Bees, Ltd., excel. They have methods and means to lay down such a foundation for a superb rose plant as will astonish you.

First the seedling or cutting briar stock is rigidly selected. The buds are chosen with care and put on with scrupulous skill. The culture before and after is thoroughly English and British in its thoroughness. The rose acres are marvels of cleanliness. Hand tools, horse tools and motor tools; tools of world wide fame, patented and home designed, ensure such a tilling of the soil and a killing of the weeds as you might fail to see in the Frenchiest of intensive plots.

Yet with it all there is absolutely no forcing; just natural steady growth, and yet there is nothing more amazingly productive of vigor and health.

Just send your enquiry for for prices right along to Liverpool today. Don't wait for more ad-talk before you write, you'll get that just the same, but get your enquiry in early.

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BEST STOCK CATALOG FOR NURSERYMEN — 80 PAGES — 6 IN. X 9 IN.
 OVER 100 BEAUTIFUL ENGRAVINGS — PRINTED ON HIGH GRADE PAPER AND INK
OUR CATALOG IS YOUR CATALOG SEND FOR A COPY TODAY
 WE CAN FURNISH "PRINTOPAK" PAPER THE LIGHTEST AND BEST FOR PRINTING CATALOGS HAS A VELVET FINISH. REDUCES POSTAGE ONE-HALF
GILLIES LITHO. & PRINTING CO., INC.
 P. E. FELLOWS, MANAGER ROCHESTER, N. Y.

Keeping Out Insect Enemies, by Frederick Maskev, chief deputy quarantine officer.

Cost of Growing Ornamental Stock, by John Armstrong, Ontario, Calif.

Raising Seedlings and Stock Usually Imported, by M. J. Crow, Gilroy, Calif.

The Nut Growing Industry, by Almon Wheeler, San Jose, Calif.

Best Paying Shipping Plums, by F. H. Wilson, Fresno, Calif.

The New Roses, by John Gill, West Berkeley, Calif.

The programme for the meeting of the California Association of Nurserymen is practically complete. The topics and discussions of general interest are as follows:

The Department Store and the Nursery Industry, by Ernest Braunton, Los Angeles. Discussion by John Valance, Oakland, and C. E. Howland, Pomona.

Recent Rulings in re Shipping Plants by Parcels Post, by D. W. Coolidge, Pasadena. Discussion by Fred H. Howard, Los Angeles; George C. Roeding, Fresno, and Leonard Coates, Morganhill.

The Crime of Being a Nurseryman, by W. D. Somerville, Los Angeles. Discussion by P. A. Dix, Roy, Utah, and Frank T. Swett, Martinez.

Why Import What We Can Grow on This Coast? by M. McDonald, Orenco, Ore. Discussion by John J. Reeves, Beverly Hills, and Henry S. Harrison, York, Neb.

Do We Need New Varieties of Commercial Fruits? by Edward J. Wickson, Berkeley. Discussion by Wm. T. Kirkman, Jr., Fresno, and D. W. Coolidge, Pasadena.

A Publisher's Suggestions to Nurserymen, by Frank Honeywell, San Francisco. Discussion by A. T. De La Mare, New York City, and George C. Roeding, Fresno.

For the Good of the Association. A general expression of opinions and suggestions is invited from the floor for the betterment of the organization, and the uplift of the nursery business.

At this writing the indications are for large attendance at all the conventions during August having to do with horticultural matters, not only from Pacific coast states, but from the inter-mountain region, the Mississippi valley, the south and east. With two expositions as attractions and low transportation rates, there is offered inducements to visit the Pacific coast that are not liable to occur again for a decade. For these reasons, all who can should avail themselves of the opportunity to visit California and participate in these gatherings of commercial and amateur plantmen.

HAL S. KRUCKEBERG.

Roundheaded Apple Borer.

Under the above title, the United States department of agriculture has issued Farmers' Bulletin No. 675, under date of July 6, 1915. This destructive insect is found principally in the eastern part of the United States. The bulletin treats quite generally of methods of control, mechanical protectors and directions for arsenical spraying.

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Well grown and in large supply.

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of America.

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Daniel R. Comly, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Duobar, Ashtabula, O.,
Treasurer.

SOME Michigan growers are raising cauliflower and putting it in brine. Such stock is reported as selling in brine at \$8 per barrel.

THE Women's Association, South Water street commission merchants and others are studying a plan to avoid waste in produce consigned to Chicago and arrange for closer relation between growers and consumers.

WASHINGTON.—The bureau of crop estimates of the United States department of agriculture received from a special list of truck crop growers, reports relating to the condition of several crops on July 1 and July 15. Estimates of condition were on a basis of 100 per cent representing normal. The results of the tabulation are as follows: Cabbage and onion, 91½; peas and tomatoes, 88½; watermelon, 78½; cantaloupe, 80.

Prices of Indoor Fruits and Vegetables.

Chicago, August 3.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 10 cents; radishes, 50 cents to \$1.25 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; tomatoes, 4 baskets, 40 to 75 cents.

New York, August 3.—Celery, per bunch of 12 stalks, 10 cents to 40 cents; cucumbers, \$1.25 to \$2.00 per basket; mushrooms, \$1.00 to \$2.00 per 4-pound basket; tomatoes, 10 cents to 15 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 30 cents to 85 cents; rhubarb, per 100 bunches, 75 cents to \$1.25.

Celery Notes.

Each season seems to intensify the damages done by blight unless prevented by proper spraying. To succeed, the fight must begin early. There is no doubt plants should be sprayed in the plantbeds; however, we have seldom been able to do this, owing to pressure of work or weather conditions, but soon after the plants are established in the field, we commence and spare no pains to keep them sprayed until cool weather in the fall. To spray celery successfully is no small task. The leaves are smooth and hard to cover and the only way we have found is to go over the rows rapidly, back and forth, and several times, allowing each coat to dry on. In this way, a uniform spraying is possible. We use the 4-4-50 Bordeaux. As they grow, the expanding leaves break our coat of spray and repetition is necessary. Thus at least once a week renewal is needed and sometimes twice. Hand in hand must go cultivation. Celery demands constant cultivation as the amount of air in the soil strengthens the plants and helps to make them resistant.

We have for years practiced a very successful method of stirring the soil between the plants, by using a big home-made hand rake. This rake has

long teeth made by driving powerful spikes through a hardwood head, spaced 2½ inches apart. Immediately after each horse cultivation this rake is used right through the plants, removing any clods that may have rolled between the plants and loosening up the the soil around the plants and between them. It is surprising how the plants respond to this treatment. Generally after two or three such rakings the plants get too large and the practice is stopped, depending henceforth upon the horse tools entirely. The method also reduces hand-weeding to the minimum as the small weeds are raked out and destroyed.

MARKETMAN.

Summer Treatment of Greenhouse Soil.

It is during the idle summer months that sterilization is often undertaken as well as between the lettuce crops. Among the larger growers it is common practice, but there seems to be a diversity of opinion as to times of application. There are two methods in common use at present, viz.: sterilization by steam heat and by formalin drench. For full discussion and instruction regarding these methods the reader is referred to circular No. 57 of the Ohio Experiment station, Wooster.

In brief, sterilization consists in raising the temperature of the soil to about 200 degrees Fah. and maintaining it for an hour or more. This is accomplished by the use of perforated pipes in some shape or by an inverted pan. The former method consists in running perforated pipes through, or inserting them into the soil at regular intervals, covering and applying suitable pressure. The latter is a large, shallow pan which is inverted over the soil, leaving a small air space into which steam is forced. Soil in the seed or plant boxes is often sterilized by placing them in special rooms or cases into which steam is forced under pressure.

Formalin drench consists of an application of formalin at the rate of two pints to fifty gallons of water. The soil after being spaded is thoroughly soaked with this preparation and then allowed to partially dry out. It is not usually safe to set plants in soil thus treated for a week or ten days after treatment.

Steam sterilization results in the destruction of injurious fungi, protozoa, etc., but also has other effects which are not without danger to the plants, as pointed out by Schreiner and Lathrop in United States bureau of soils bulletin No. 89. It is found to increase the water-soluble constituents and at the same time ammonia is formed. This is a direct cause of stimulation of

growth which in the case of cucumbers and tomatoes may lead to malnutrition troubles. It increases the acidity of the soil, which leads to the necessity of liming, and if possible this should be done before sterilizing. Both beneficial and harmful compounds are produced, and when the latter overbalance the former the fertility of the soil is adversely affected.

The frequent use of steam sterilization should be avoided. It is an expensive operation and considerable skill and experience are necessary to its profitable use.

WHITE MARSH, MD.—The annual dahlia show of the R. Vincent & Sons Co., will be held September 28-October 2.

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HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and
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ALSO GROW LARGELY ON CONTRACT.

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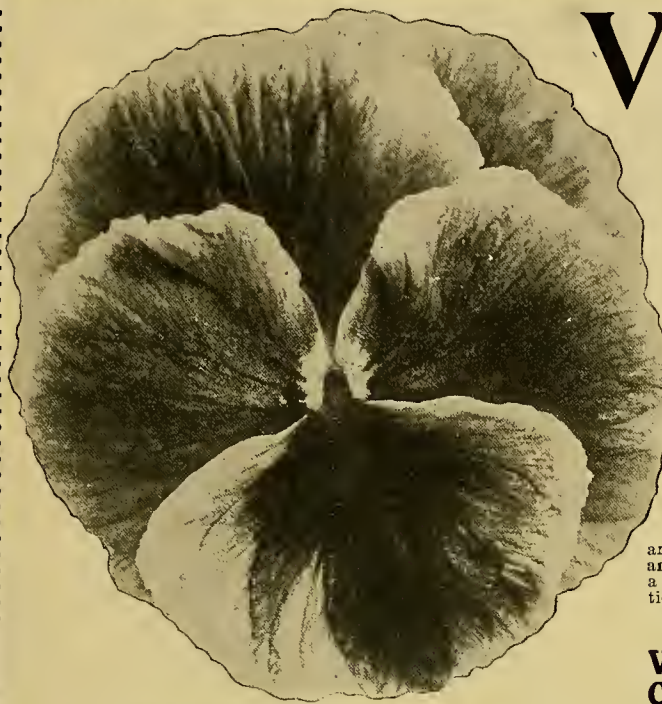
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New Stocks Weekly

GIANT MIXED Embraces besides all the separate shades and colors, five special strains not listed elsewhere and which can only be had in this and our International mixture. Trade pkt., 25c; 1/2 oz., 60c; oz., \$4.00; 1/4 lb., \$14.00.

INTERNATIONAL This is one of the specialties which has established the reputation of Vaughan's Flower Seeds and one which we maintain most carefully. To this and our Giant mixture of Pansies we add each year a number of new varieties selected from the collections of the foremost pansy specialists in Europe. Trade pkt., 50c; 1/2 oz., \$1.50; 1/4 oz., \$5.00; oz., \$10.00.

VAUGHAN'S CUT FLOWER MIXTURE This mixture is put up especially for cut flower growers and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut flower growers, who have realized big returns from the sale of the flowers. Tr. pkt. 50c; 1/2 oz., 85c; 1/4 oz., \$1.50; oz., \$5.00.

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Vaughan's Named Giants.

	Trade pkt.	1/2 oz.	oz.
Adonis, light blue with a white center.....	\$0.10	\$0.20	\$1.20
Beaconfield, lavender and purple.....	.10	.20	1.20
Bridesmaid, rosy white, dark blotches.....	.15	.30	2.00
Cardinal, brightest red.....	.15	.30	2.00
Emperor Francis Joseph, pure white with violet blue blotch on each petal.....	.25	.50	.....
Emperor William, dark navy blue.....	.10	.20	1.20
Mad. Perret, lovely shades of pink and rose.....	.10	.20	1.25
Marechal Niel, delicate cream color.....	.10	.25	1.60
Mauve Queen, mauve.....	.10	.25	2.00
Masterpiece—New Giant Curled or Spencer, superb red and brown shades.....	.15	.30	2.00
Orchid-Flowered, the ground color is light, the petals marked with golden yellow blotches veined toward edges.....	.15	.25	1.75
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Parisian Striped, stripes are broad and distinct... ..	.10	.20	1.50
President Carnot, five blotched white.....	.15	.30	2.00
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Volcano, red, large dark blotch.....	.15	.35	2.50

40 Other Standard and Rare Named Sorts.
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Trimardeau, Standard Mixture, all colors.....	Lb., \$12.00	\$0.10	\$0.20 \$1.00
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Bugnot, thickest petaled and most velvety of all French Giants introduced by us in America, seed costing us \$30.00 per oz.....	15	30	2.00
Orchid, Superba, of best selection, blotched and veined type.....	25	50	3.00
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Solid Colored Giants.

	Trade pkt.	1/2 oz.	oz.
Black, giant lusterless.....	\$0.10	\$0.25	\$1.50
Indigo King, deepest purple.....	10	25	1.50
Pink, hydrangea shade.....	15	30	2.50
Blue, violet.....	10	25	1.40
White, giant, violet eye.....	Lb., \$14.00	10	20 1.25
White, Aurora, pure.....	10	20	1.20
Yellow, giant, dark eye.....	Lb., \$14.00	10	20 1.25
Yellow, Golden Queen, pure.....	10	25	1.50
Purple, giant, deep.....	10	25	1.50

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Poinsettias 2 1/2 in. pots, good stock, at \$5.00 per 100, limited amount. Write now to

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S. A. Nutt.....\$10.00 per 1000
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For example. We offer:

- Otaksa**, with 7 to 10 branches.....at \$25.00 the 100
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- French Novelties**, all the best ones, at 5.00 the 100 addition for the same sizes.

They are all in six inch pots now, plunged outside, and growing like weeds, rich deep-green healthy foliage, and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

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| 10,000 Ferns—Fron bench: Boston, Scottii, Elegantissima, Piersoni, etc., \$12.50, \$15.00 and \$20.00 per 100. | | |
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We are pleased to state that we have a splendid stock, not sufficient to last the season out, but we offer as long as the stock lasts exceptional values as below.

Araucaria Excelsa				Each.
4-inch pots,	5 to 6 inches high,	2 tiers	.....	\$0 30
5 " "	8 " 10 " "	3 " "	.....	40
5 " "	10 " 12 " "	3 " "	.....	60
6 " "	12 " 15 " "	3 to 4 " "	.....	75
6 " "	16 to 18 " "	4 " "	.....	1 00
7 " "	18 to 20 " "	4 to 5 " "	.....	1 25
Araucaria Excelsa Glauca				
6-inch pots,	8 inches high,	2 tiers	.....	0 75
7 " "	12 to 14 " "	3 to 4 tiers	.....	1 25
Araucaria Robusta Compacta				
6-inch pots,	10 to 12 inches high,	2 tiers	1 00
6 " "	12 to 14 " "	3 " "	1 25
7 " "	14 to 16 " "	3 " "	1 50

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- Asparagus Plumosus, 2-in., \$2.50 per 100.
- Geraniums, Nutt. Buchner, Ricard, Perkins. Poltevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
- Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
- Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
- Rex Begonia, 2 1/4-in., \$5.00 per 100.
- Vinca Var., 2 in., \$2.00 per 100.

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	Leaves	In. high	Each	Per doz.
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6-in. pot.....	5 to 6.....	34 to 36.....	1.50	18.00

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	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.....	\$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.....	12.50
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12-in. cedar tub, 4 plants in tub, 7 to 8 ft.....	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread.....	\$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	28 to 36.....	1.50	18.00

	Leaves	In. high	Each	Per doz.
9-in. cedar tub.....	6 to 7.....	42 to 45.....	\$4.00	\$48.00
9 in. cedar tub.....	6 to 7.....	45 to 48, very heavy.....	5.00	
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	

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CHICAGO.

Providence, R. I.

Business the past week has been quiet, and the heavy shipments of stock arriving on the market has little outlet except for design work and a surplus is the result. Gladioli and asters are improving in quality daily, and there are some very good sweet peas, but they sell at very low figures. They are arriving faster than the trade can use them.

Albert F. Crandall, Washington, N. H., has placed on exhibition in the museum at Roger Williams park a number of rare orchids found near his summer home in that city. There are five rare varieties in the collection, not generally found in the state.

John F. Wood has opened a store in the Strand theater, having removed from his former location.

Herbert A. Taylor of the Matthew Macnair staff is enjoying the week-end at Block Island, R. I. H. A. T.

TORONTO, ONT.—Secretary John G. Esler, of the Florists' Hail Association, and party are expected to reach this city August 5, enroute to the San Francisco convention, via the Canadian Pacific railroad.

FERN BARGAINS

For those who wish to bench or pot for growing on. Fine, clean stock, absolutely free from scale. All 2-inch pots.

20,000 Boston Ferns.....	100	1000
5,000 Elegantissima Improved.....	\$3.50	\$30.00
10,000 Whitmani, superior stock.....	4.00	35.00
5,000 Scholzei, Crested Fern.....	3.50	30.00
3,000 Pieroni Improved (seldom reverts).....	3.50	30.00
3,000 Big Four or Splendida (Fishtail Boston).....	4.00	35.00
2,000 Davallioides Furcans (the fern for spray work).....	4.50	40.00
3,000 Goodii, the Baby's Breath (the fern-dish wonder).....	3.50	30.00
3,000 Whitmani Compacta, the up-to-the-minute Ostrich Plume type.....	4.00	35.00
2,000 Exaltata (Original Sword).....	3.00	27.50
3,000 Superbissima (Fluffy Ruffles).....	5.00	45.00
5,000 Roosevelt, the best seller when shown with others.....	4.50	40.00

THE GOOD & REESE CO.

Largest Rose Growers in the World.

SPRINGFIELD, OHIO

Boston Ferns for Planting

	Per 100	Per 1000
Heavy Stock, 2½-inch - - - - -	\$5.00	\$45.00
BEGONIA CINCINNATI, 3-inch, - - - - -	20.00	175.00
BEGONIA LORRAINE, 3-inch, - - - - -	18.00	170.00

Ready for 4-inch.

ASPAR. PLUMOSUS NANUS, 2¼-in.,	3.00	25.00
“ “ “ Seedlings,		6.00
“ SPRENGERI, Seedlings, - -		6.00

ASK FOR QUOTATIONS ON FALL STOCK.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street,
CHICAGO.

43 Barclay Street,
NEW YORK.

Greenhouses, Western Springs, Ill.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

SYRACUSE, N. Y.—Bannister Bros. are re-constructing their houses and the offices will be enlarged.

Primroses

Forbesi, Malacoides, Obconica Alba Rosea, Ruby, \$2.00 per 100.

Obconica Gigantea, \$2.50 per 100.

Plumosus, \$2.00 per 100.

Pansy Seed, Giant Flowering, oz., \$4.00.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

Alterantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

ALYSSUM, double giant, very strong, 2-inch, \$2 per 100; \$18 per 1000. C. HUMFELD, Clay Center, Kans.

ARAUCARIAS.

Araucaria Excelsa, 4-inch, 5 to 6 ins., 2 tiers, 30c each; 5-in., 8 to 10 ins., 3 tiers, 40c; 5-in., 10 to 12 ins., 3 tiers, 60c; 6-in., 12 to 15 ins., 3 to 4 tiers, 75c; 6-in., 16 to 18 ins., 4 tiers, \$1; 7-in., 18 to 20 ins., 4 to 5 tiers, \$1.25. Excelsa (Hauca, 6-in. pots, 8 ins. high, 2 tiers, 75c; 7-in., 12 to 14 ins., 3 to 4 tiers, \$1.25. Robusta Compacta, 6-in., 10 to 12 ins., 2 tiers, \$1; 6-in., 12 to 14 ins., 3 tiers, \$1.25; 7-in., 14 to 16, 3 tiers, \$1.50. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Araucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprenger, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus plumosus nanus, 2 1/2-inch, \$3 per 100; \$25 per 1,000; Seedlings, \$6 per 1,000. Sprenger, seedlings, \$6 per 1,000. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; 4-inch, 8c and 10c. C. HUMFELD, Clay Center, Kans.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus to close out, a few hundred, 3-inch at \$5 per 100; also a few 4-inch at \$8 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosa, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus planta, from flats, grown from our own greenhouse seed, \$8 per 1,000. B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus, 2 1/2-inch, \$3 per 100; \$28 per 1,000; 3-inch, \$6 per 100; \$55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Asparagus plumosus, 2-in. pots, \$2 per 100; Sprenger, \$2 per 100; \$17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

BEGONIA CININNATI, 2 1/2-inch, \$15 per 100; \$25 per 100. BEGONIA MELIOR, 2 1/2-inch, \$25 per 100. CHATELAINE, 2 1/2-inch, \$5 per 100; 3-inch, \$8 per 100. ERFORDI, PRIMA DONNA, LUMINOSA, TRIUMPH, 2 1/2-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Chatelaine, 2 1/2-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$10 per 100; \$95 per 1,000. Erfordi and Luminosa, 2 1/2-inch, \$4 per 100; \$38 per 1,000; 3-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Begonia Cincinnati, 3-inch, \$20 per 100; \$175 per 1,000. La Lorraine, 3-inch, \$18 per 100; \$170 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Cincinnati, 2 1/2-inch, \$17.50 per 100; \$150 per 1,000; Begonia Lorraine, 3-inch, \$20 per 100; 4-inch, \$25 per 100. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia Gloire de Chatelaine and Pfitzeri Triumph, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Lorraine, 2 1/2-in. pots, \$12 per 100; \$110 per 1,000. Begonia Glory of Cincinnati, 2 1/2-in. pots, \$15 per 100; \$140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Chatelaine, 4-inch pots, \$15 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BOXWOOD.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehra Co., Rutherford, N. J.

BULBS.

Bulbs, French Paper White Grandiflora, fancy, 1,250 bulbs to case, \$8.50 per 1,000; Star Brand, 1,000 bulbs to case, \$11 per 1,000. Precocious, Vaughan's extra early Grandiflora, select bulbs, \$9 per 1,000; mammoth bulbs, \$12 per 1,000. Liliun Formosum, new crop, 7-9-inch, 250 bulbs to case, \$60 per 1,000; 9-10-inch, 180 bulbs to case, \$80 per 1,000. Liliun Harrisii, best Bermuda, 7-9-inch, 200 to case, \$75 per 1,000; 9-11-inch, 100 to case, \$180 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Liliun Harrisii, 6 to 7-inch bulbs, 350 to case, \$15 per case; 7 to 9-inch, 200 to case, \$15 per case. Cold Storage Giganteum, 7 to 9-inch, 300 to case, \$15 per case; 9 to 10-inch, 200 to case, \$17 per case. F. R. Pierson, Tarrytown, New York.

Liliun Canadense, Philadelphiaicum and Superbum in large quantities; also native trees, plants and seeds. L. E. WILLIAMS, Exeter, N. H.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteum, 8-9-inch, 8-10-inch, 9-10-inch, Yokohama Nursery Co., Ltd., Woodworth Bldg., New York City.

Bulbs of all kinds, Chas. Schwake & Co., 90-92 W. Broadway, New York.

Calles, mammoth bulbs, \$12 per 100. E. R. Tauch, Marquette, Mich.

CANNAS.

CANNAS, good varieties, strong plants in 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

FINE FIELD CARNATIONS.

Strong, clean, bushy plants.

White Enchantress	100	\$5.00	\$45.00
Pink Enchantress	100	5.00	45.00
Rose Pink Enchantress	100	5.00	45.00
White Perfection	100	5.00	45.00
Washington	100	5.00	45.00
Bright Spot	100	5.00	45.00
Beacon	100	5.00	45.00

THOS. SALVESON,

Petersburg,

Illinois

WE HAVE READY NOW FOR IMMEDIATE SHIPMENT FROM THE FIELD 400,000 WELL ESTABLISHED CARNATION PLANTS, INCLUDING THE FOLLOWING VARIETIES:

WHITE WONDER	100	\$7.00
WHITE PERFECTION	100	6.00
WHITE ENCHANTRESS	100	6.00
PINK ENCHANTRESS	100	6.00
WINSOR	100	5.00
PHILADELPHIA	100	8.00
BEACON (RED)	100	6.00
COMFORT (SCARLET)	100	6.00

LET US QUOTE YOU ON LARGE QUANTITIES. WE GUARANTEE EVERY PLANT THAT WE SEND OUT.

PITTSBURGH CUT FLOWER CO., 121 7TH ST., PITTSBURGH, PA.

FIELD-GROWN CARNATION PLANTS.

Enchantress Supreme	100	\$8.00	\$70.00
Champion	100	8.00	70.00
Philadelphia	100	7.00	65.00
Beacon	100	7.00	60.00
White Perfection	100	7.00	60.00
White Wonder	100	7.00	60.00
Enchantress	100	6.00	55.00
Mrs. C. W. Ward	100	6.00	55.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

GEORGE PETERS & SONS, HEMPSTEAD, NEW YORK.

CARNATION FIELD PLANTS.

IMMEDIATE DELIVERY.

Extra strong carnation field plants, having from 12 to 20 shoots. Northport, Enchantress, White Enchantress, Commodore, C. W. Ward, \$6 per 100; \$50 per 1,000. White Wonder, Peerless, \$7 per 100; \$60 per 1,000. Champion, Matchless, \$8 per 100; \$70 per 1,000.

J. D. Thompson Carnation Co.,

Juliet, Ill.

25,000 FINE FIELD-GROWN CARNATION PLANTS.

White Wonder	100	\$6.00	\$50.00
Enchantress	100	6.00	50.00

SINNER BROS.,

158 North Wabash Ave.,

Chicago.

FIELD GROWN CARNATION PLANTS.

Best obtainable. Fine, large plants. Pink Enchantress, \$4.00 per 100; \$35.00 per 1000. Winsor, 4.00 per 100; 35.00 per 1000. C. W. Ward, 4.00 per 100; 35.00 per 1000. ZECH & MANN, Chicago, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION PLANTS—HEALTHY STOCK.

Matchless	100	1,000
White Wonder	\$8.00	\$70.00
Perfection	6.00	50.00
Akehurst	5.00	40.00
Enchantress	15.00	.....
White Enchantress	5.00	40.00
Dark Enchantress	6.00	50.00
Ward	5.00	40.00

EDWARD WOODFALL.

Glen Burnie, Maryland

Field-grown carnations: Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, \$4.50 per 100; \$40 per 1,000. White Perfection, \$4 per 100; \$35 per 1,000. Mrs. C. W. Ward, \$4 per 100; \$35 per 1,000. Philadelphia, \$3.50 per 100; \$50 per 1,000. Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

CARNATIONS, planted in the field early, from 2 1/2 and 3-inch pots, are strong and bushy. 2,000 Light Pink Enchantress, 1,000 Beacon, 300 Mrs. Patten, \$5 per 100; \$50 per 1,000. 1,000 White Perfection, 500 Princess Charming, \$4 per 100; \$40 per 1,000. Cash. JOSEPH BANCROFT & SON (Inc.), Cedar Falls, Iowa.

FIELD-GROWN CARNATIONS.—Large, strong, healthy plants: Victory, \$5 per 100; \$40 per 1,000. White Perfection, \$5 per 100; \$40 per 1,000. Also a few Joy, Champion, Afterglow and Rosette at clean-up prices. J. A. BUDLONG, 32-34 East Randolph St., Chicago.

HARDY CARNATIONS, good thrifty plants, \$2.50 per 100. SWEET WILLIAMS, fine mixed, \$1.50 per 100. Cash, please. GEORGE POPT, JR., Fort Recovery, Ohio.

Field-grown carnation plants, Rose Pink Enchantress, \$3 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

Field-grown carnations, as long as they last, \$6 per 100; \$55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.		Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00	
October Frost	2.00	15.00	
Alice Byron	2.00	15.00	
Alice Salomon	3.50	30.00	
Chas. Razer	2.00	15.00	
Lynwood Hall	2.00	15.00	

CRIMSON.

Shrimpton	2.00	15.00
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YELLOW.

Chrysolora	2.00	15.00
Ramapo	2.00	15.00

PINK.

Amorita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2 1/2-INCH POTS.

		Per 100	Per 1,000
Smith's Advance	\$2.50	\$20.00	
October Frost	2.50	20.00	
Alice Salomon	4.00	35.00	
Alice Byron	2.50	20.00	
Chas. Razer	2.50	20.00	
Lynwood Hall	2.50	20.00	
Shrimpton	2.50	20.00	
Gordon Salomon	4.00	35.00	

J. D. THOMPSON CARNATION CO., JOLIET, ILL.

Last call for chrysanthemums, including some of the newer ones. Ask for list. \$3 per 100; \$25 per 1,000. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2 1/2-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Pompon chrysanthemums, good assortment, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100	
Diana, white	\$2.00	
Baby, yellow	2.00	
Mrs. Astor, yellow	2.00	
Mensa, white	2.00	
Excelsior, yellow	2.00	
Mary Richardson, terra cotta	2.00	
H. Hicks, brown	2.00	
Mrs. Beau	2.00	

CUT BACK POMPONS.

Diana	\$2.00
Mensa	2.00
Baby	2.00
H. Hicks	2.00
Mrs. Astor	2.00
Excelsior	2.00
Mary Richardson	2.00

WREATOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, cut back, have good, grown top; sample sent, the best brand, fine stock plants, 3-inch, \$4 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

COLEUS, good assortment, 2 1/2-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS, Brilliancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN, my prize strain, ready in August: Perle and Rose of Zehlendorf, 4-inch, 20c. Glory and Rose of Wandsbek, 4-inch, 18c. White, glaring red, 4-inch, 15c. White red eye, Victoria, 4-inch, 15c. Every one a good one. Cash with order, please. RALPH J. SOUTHERTON, Highland Park, Ill.

Cyclamen, best German strain, 3-inch, \$8 per 100; 4-inch, \$15 per 100; 4-inch select, \$20 per 100. Seedlings from flats, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen Gig., Wandsbek type, finest in existence, 2 1/2-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2 1/2-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, \$10 per 100; \$90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen from 3-inch pots, best varieties, \$10 per 100. Vaughan's Seed Store, Chicago and New York.

Cyclamen, 3-inch, 5 colors, \$7.50 per 100. Jos. Chontos, 1314 5th Ave., McKeesport, Pa.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kid's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmons, Newton, N. J.

DRACAENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

Ferns, Boston, Roosevelt and Whitmani, 5-inch, 25c each; \$23 per 100; 6-inch, 50c each; \$45 per 100; 7-inch, 75c each; 8-inch, \$1 each; 10-inch, \$2 to \$2.50 each; 12-inch, \$3 to \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

FERN BARGAINS. For those who wish to bench or pot for growing on. Fine, clean stock, absolutely free from scale. All 2-inch pots:

	100	1,000
20,000 Boston Ferns	\$3.50	\$30.00
5,000 Elegantissima Improved	4.00	35.00
10,000 Whitmani, superior stock	3.50	30.00
5,000 Scholzei, crested fern	3.50	30.00
3,000 Piersoni Improved (seldom reverts)	3.50	30.00
3,000 Big Four or Splendida (Fish-tail Boston)	4.00	35.00
2,000 Davalloides Furcans (the fern for spray work)	4.50	40.00
3,000 Gaudii, the Baby's Breath (the fern-dish wonder)	3.50	30.00
3,000 Whitmani Compacta, the up-to-the-minute Ostrich Plume type	4.00	35.00
2,000 Exaltata (original sword)	3.00	27.50
3,000 Superbissima (Fluffy Ruffles)	5.00	45.00
5,000 Roosevelt, the best seller when shown with others	4.50	40.00

THE GOOD & REESE CO.,

The Largest Rose Growers in the World, SPRINGFIELD, OHIO.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2 1/2-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO., Exclusive Fern Growers, OHIO.

BOSTON, ROOSEVELT, WHITMANI, SCHOLZEI.

Dark green—Choice Stock—Low Price. Boston, Roosevelt, Whitmani, Scholzei, 3-inch, 8c.

Boston, Roosevelt, 4-inch, 12 1/2c.

Boston, Whitmani, 6-inch, 45c.

GULLETT & SONS, LINCOLN, ILLINOIS.

Boston Ferns, fine 6-inch, 35c—100; smaller lots, 40c. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

BOSTON FERNS, a few hundred 3-inch at \$6 per 100. Cash, please. EDGAR BASTERDAY, Nokomis, Ill.

ADIANTUM HYBRIDUM, 3-inch, 5c; 2 1/2-inch, 3 1/2c; 4-inch, 10c. Satisfaction or money back. LEY & BRO., Highland, N. Y.

Ferns, from bench, Boston, Scuttii, Elegantissima, Piersoni, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Ferns in flats, all varieties, \$2 per flat, 20 or more flats, \$1.75 each. McHutchison & Co., 17 Murray St., New York.

Boston ferns for planting, 2 1/2-inch, \$3 per 100; \$45 per 1,000. Vaughan's Seed Store, Chicago and New York.

TABLE FERNS, strong 2 1/2-inch at \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

Boston Ferns, fine 2 1/2-inch, \$4 per 100; \$35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmons, Newton, N. J.

Ferns, Joseph Heacock Co., Wyncote, Pa.

FREESIAS.

Freesia—Purity (true), 5/8-in. and up, \$2 per 100; \$13 per 1,000; 3/8-in. to 1/2-in., \$1.25 per 100; \$10 per 1,000. Vaughan's Improved Purity: 5/8-in. and up, \$2 per 100; \$18 per 1,000; 1/2 to 3/8-in., \$1.75 per 100; \$15 per 1,000; 3/8 to 1/2-in., \$1.50 per 100; \$12 per 1,000. French grown: Jumbo, 3/8-in. and up, \$3 per 1,000; mammoth, 1/2 to 3/8-in., \$3 per 1,000. Vaughan's Seed Store, Chicago and New York.

PURITY FREESIA BULBS. Wholesale trade only. We have filled our 1915 contracts and have a few thousand left. If for any reason your growers can't fill your orders, write or wire us. Prices right. SANTA CRUZ FREESIA BULB GROWERS' ASS'N. Santa Cruz, Calif.

Freesia bulbs, Purity, 3/8 to 1-inch, \$1.70 per 100; \$16 per 1,000; 5/8 to 3/8-in., \$1.50 per 100; \$14 per 1,000; 1/2 to 5/8-in., \$1.25 per 100; \$11 per 1,000. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

FREESIAS—True "Purity" Freesia Bulbs, best California field-grown. At close stock. Special prices on large orders to close out stock. 1/2 to 5/8, \$5 per 1,000; 3/8 to 1/2, \$2.75 per 1,000. LILYDALE BULB COMPANY, SANTA CRUZ, CALIFORNIA.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, Mme. Sallerod, 2-in., \$1.75 per 100. Ready for shift. Cash. John J. Hitz, Peoria Hgts., Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GERANIUMS.

Geraniums, standard varieties, 3-inch, \$3 per 100; \$25 per 1,000. Booking orders for next season delivery of 2-inch, \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poltevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmons, Newton, N. J.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Prepared magnolia leaves, green, brown, red and purple, \$1 per carton. Knud Nielsen, Evergreen, Ala.

Clean Huckleberry Foliage, \$2.50 per crate or bale; terms cash. T. E. Hoffmann, 424 Seneca St., Palo Alto, Calif.

HARDY FERNS.

HARDY FERNS. Illustrated descriptive list mailed. L. MOSBÆK, Ferndale, Askov, Minn.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

HYDRANGEAS.

"A Bird in the Hand"—you know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otaksa, with 7 to 10 branches, at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. FRENCH NOVELTIES, all the best ones, at \$5 the 100 addition for the same sizes. They are all in six-inch pots now, planged outside, and growing like weeds, rich deep-green, healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY, NEWARK, NEW YORK.

Wholesale only. Ours are "Made in America."

HYDRANGEAS, Otaksa, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage. Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to had Valley, giving the best results all year round. \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2 for 100. Florists' Money Maker, best valley at moderate prices, \$14 for 1,000; \$7.50 for 500; \$4 for 250. H. W. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the valley, cold storage, packed in cases of 500 pips each, \$9 per case. F. R. Pierson Co., Tarrytown, New York.

MISCELLANEOUS.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

UMBRELLA plants, strong 3 to 5-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock: Pear, apple, Mahaleb, Mazzard, Myroholan and Angers Quince stocks, forest trees (seedlings and transplanted), evergreens, ornamental shrubs, manetti, multiflora and roses. Louis Leroy's Nurseries Co., Angers, France.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.
Leaves. Inches high. Each.
4-inch pots, 6 to 7, 13 \$ 0.40
6-inch pots, 6 to 7, 24 1.00
6-inch pots, 6 to 7, 28 to 30..... 1.50
6-inch pots, 6 to 7, 32 to 34..... 2.00
7-inch pots, 6 to 7, 36 3.00
8-inch tubs, 6 to 7, 38 3.50
8-inch tubs, 6 to 7, 48 5.00
8-inch tubs, 6 to 7, 58 to 64..... 7.50
Specimens, \$15 to \$50.

KENTIA BELMOREANA.
Made-up plants.
6-inch pots, 3 plants in a pot, 21 ins....\$ 1.50
6-inch pots, 3 plants in a pot, 38 ins.... 3.50
Specimens, very heavy.....\$10.00 to 12.00

KENTIA FORSTERIANA.
Single Plants.
Leaves. Inches high. Each.
4-inch pots, 5 to 6, 18 to 20....\$ 0.40
6-inch pots, 5 to 6, 28 to 30..... 1.00
6-inch pots, 6 to 7, 34 to 36..... 1.50
6-inch pots, 6 to 7, 38 to 42..... 2.00
6-inch pots, 6 to 7, 44 to 46..... 2.25
8-inch tubs, 6 to 7, 46 to 48.... 3.50
8-inch tubs, 6 to 7, 50 to 54.... 5.00
8-inch tubs, 6 to 7, 5 ft..... 6.00
10-inch tubs, 6 to 7, 5 to 5 1/2 ft. 8.00
10-inch tubs, 6 to 7, 6 to 6 1/2 ft. 10.00

PHOENIX ROEBELENI.
4-inch pots, nicely characterized.....\$ 0.50
7-inch pots, 22 ins. high, 30 to 32-in. spread 2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread 2.50
8-inch tubs, grand specimens..... 3.50
10-inch tubs, grand specimens.....\$5.00 to 7.00

ARECA LUTESCENS.
6-inch pots, 3 plants in a pot.....\$ 1.00
7-inch pots, 3 plants in a pot..... 2.00
8-inch tubs, 5 plants in a tub..... 3.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, \$1 each; \$12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, \$7.50 to \$35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. For varieties, sizes and prices, see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each; 6-inch, strong, \$1 each; 7-inch, \$1.50 each; 8-inch, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

FRENCH PEONIES can be shipped with celerity and security via Bordeaux-New York. Catalogues free. Dessert, PEONY SPECIALIST, Chenonceaux (T. & L.), France.

Peonies. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

POINSETTIAS.

POINSETTIAS HEADQUARTERS.
All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock, Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$3 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2 1/2-inch pots, plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

Poinsettias, true type, large bract kind, 2 1/2-inch paper pots, \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Poinsettias, the stock that will suit, 2 1/2-inch, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Poinsettias, 2 1/2-inch pots, \$5 per 100. Jos. Chontos, 1314 5th Ave., McKeesport Pa.

PRIMULAS.

Primula obovata, mixed or separate colors, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primula obovata grandiflora and Gig.; Primula Malacoides, transplanted seedlings ready to pot, \$2 per 100; \$18 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBOVATA, Miller's Giant, free flowering fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

Primroses, Chinese, Forbesi, Malacoides, obconica alba, rosea, Ruby, \$2 per 100. Obconica Gigantea, \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.
Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

Per 100 Per 1,000
Pink Killarney, 2-inch.....\$4.00 \$35.00
White Killarney, 2-inch..... 4.00 35.00
Killarney Brilliant, 2-inch..... 7.00 60.00

WIETOR BROS., CHICAGO.
162 North Wabash Ave.

GRAFTED ROSES—VERY FINE.
Killarney, White Killarney, 3-inch.....\$10.00
Killarney Brilliant, 3-inch..... 10.00

BENCH PLANTS.
150 Aaron Ward, grafted, one-year.....\$5.00
650 Milady, grafted, one-year..... 5.00
300 Killarney, grafted, two-year..... 4.50
GULLETT & SONS, LINCOLN, ILLINOIS.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses, grafted and own root. For varieties and prices, see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

English roses at German prices. Bees, Ltd., 1075 Mill Street, Liverpool, England.

Roses. Geo. A. Kuhl, Pekin, Ill.

SEEDS.

Seeds, Pansy, Barnard's Florist's Mixture, Trade packet, 25c; 1/4 oz., \$1; 1/2 oz., \$3.50; oz., \$7. Giant Mixture, trade pkt., 20c; 1/4 oz., 50c; oz., \$4. Calceolaria Hybrida grandiflora, trade pkt., 50c. Cineraria Hybrida grandiflora, trade pkt., 50c. Primula Sinensis firnibrata, separate colors and mixed, trade pkt., 50c. Seeds of hardy perennials. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Seeds, growers of asparagus, broad beans, beet, broccoli, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicory, dandelion, leek, lettuce, mangel, onion, parsley, parsnip, radish, Swiss chard, turnip, swedes. Dealers in grass and clover seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, France.

Seeds, Cyclamen: Louis Salmon King, Pink Pearl, Giant White, Mrs. Backston, Princess May, Vuleau, Phoenix, 1915 crop. Also Strepocarpus finest strain. Royal Nurseries, Bush Hill Park, Enfield, England.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgmr F. Hurff, Swedesboro, N. J.

Seeds, specialties: beets, mangoes, carrots, cabbages, celerias, parsnips, parsnips, turnips. R. & M. Godineau, Angers, France.

The Kenilworth Giant Pansy seeds. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

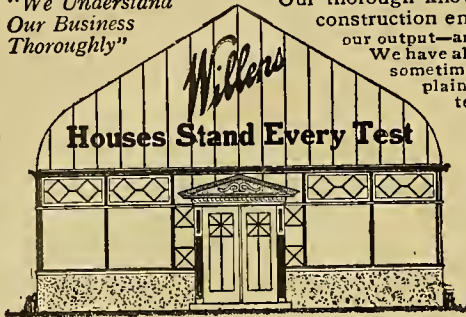
Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Save 10% to 20% on Greenhouses

"We Understand
Our Business
Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

What They Say:

Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue

LONG DISTANCE TELEPHONES:
HARRISON, 7073 - LAWDALE 757

Chicago, Illinois

SEEDS.

Pansy seed, giant, finest mixture, 1 pkt., 5,000 seeds, \$1; 1/2 oz., \$2; oz., \$4. E. B. Jennings, Box 254, Southport, Conn.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

Smilax, 2 1/4-inch pots, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, 2 1/4-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SMILAX, strong 2-inch, \$1.50 per 100; \$12 per 1,000. C. HUMFELD, Clay Center, Kans.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SNAPDRAGONS.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2 1/4-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

SNAPDRAGONS, 2 1/4-inch Nelrose and Dreer's Giant mixed, \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

CELERY PLANTS: Golden Self-Blanching (French strain), Giant Pascal, White Plume and Winter Queen, fine plants, ready for field, \$1.50 per 1,000; \$1 in 10,000 lots. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Sold out of variegated Vincas rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2 1/4-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globea. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid-NICO-FUME—Paper, for thrips, aphids, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Raffia imported by us direct from Madagascar, West Africa. Regular, 10 lbs., 17c per lb.; 25 lbs., 15c per lb.; 100 lbs., 12 1/2c per lb.; bale, 10 1/2c per lb. Florists' Special, 10 lbs., 19c per lb.; 25 lbs., 17c per lb.; 100 lbs., 13 1/2c per lb.; bale, 11 1/2c per lb. Vaughan's Seed Store, Chicago and New York.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Best stock catalog for nurserymen, 80 pages, 6x9-in. Gillies Litho. & Printing Co., Inc., Rochester, N. Y.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 600, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

TRY E. L. RODGERS, 806 N. 12th St., St. Louis, Mo. Florists' Wire Work. We claim to make the best on the market, at the best prices. One trial order will convince you.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy wire lamp shade frames. Eagle Wire Works, 2333 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ACTUAL RESULTS == NOT PROMISES

Kroeschell Bros. Co., Chicago, Ill.

Kirkwood, Mo., May 22, 1915.

Gentlemen:—

Now that the firing season is over, and after a long cold winter, the coldest night being 6° below zero, I want to say I am well pleased with the NO. 46 WATER TUBE STEAM BOILER and the No. 14 hot water boiler. They are doing all you claim for them and more.

The No. 14 hot water boiler heating that large house to 62° with the greatest ease in zero weather without the help of the steam boiler.

THIS STEAM BOILER I THINK IS A WONDER; a quick steamer and holds the steam; the easiest boiler in the world to clean and to keep clean. The double steam trap system is working fine, keeping all the steam lines well drained.

But the threaded boiler tube piping system is the winner; the rapid circulation and even temperature obtained from this system is wonderful.

After being told repeatedly by other growers that roses could not be grown with hot water heat, we are getting the best kind of results not only from the heating systems and boilers, but also from the roses.

Yours very truly,

(Signed) W. J. PILCHER.

Kroeschell Bros. Co., Buy Direct—Factory to user prices. **452 W. Erie St., Chicago, Ill.**

Toledo.

'JULY BUSINESS GOOD.

Business on the whole during July has been better than ordinary because the most of the month was cool and there has been an unusual amount of funeral work. Florists here are not complaining, but are either making much needed repairs and enlargements, or have gone fishing. Asters are coming on the market in fair quantities and are of excellent quality. Long stemmed roses as usual at this season are practically of negligible quantity. Easter lilies are to be had in large quantities but find no sales.

NOTES.

At the recent Home Grown Garden contest held under the auspices of the Toledo Museum of Art, the director asked the florists why it would not be a good idea for them to hold an exhibit of their own at the museum some time next fall. He said they could have the use of the splendid art museum free of charge under certain conditions. This idea met with an instant response and this matter will be taken up at the next meeting of the local florists' club.

Miss Helen Patten, with her mother, is planning a two weeks' vacation in the wilds of northern Michigan. Miss Patten is an ardent devotee of the time honored pursuit of Isaak Walton and the trade awaits some monster fish stories on her return.

Arthur C. Kneisel, advertising manager for Schramm Bros. made a flying trip to Cleveland, Akron and Sandusky last week. He found a great deal of enthusiasm in Cleveland about the coming flower show this fall.

Emil Kuhnke, wholesaler of Holland street, East Toledo, had a very acute attack of indigestion the other day which came very near putting a quietus on his career. Late reports indicate a complete recovery.

Schramm Bros. are hard at work building two new houses which will be of the latest and most modern type. Albert Lehmann, one of the firm, is enjoying his annual vacation this week.

Metz and Bateman report a good business during the month of July. Funeral work has been fairly heavy with this flower shop during the past month.

Elizabeth N. J.

The Elizabeth Nursery Co. is erecting a large concrete building for packing and storage purposes. This company has a large stock of chrysanthemums coming on in its houses.

W. R. Carter and Geo. B. Finch, who do business at 841 Elizabeth avenue, as the Union Square Floral Shop, think of taking a larger store.

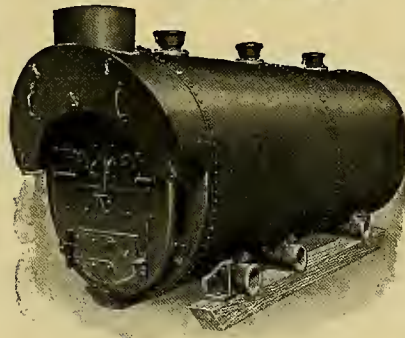
J. E. & A. G. Hutchison, who have a good retail store at 227 Broad street, were found busy regardless of summer dullness.

A. F. F.

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6 ft.....	13.25	15.75

We also sell

Continuous Ring Carnation Supports.

The Carnation Support Co.
CONNERSVILLE, IND.

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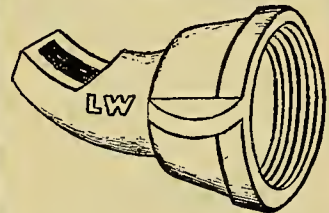
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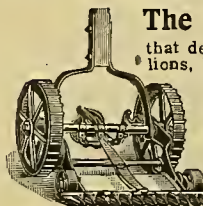
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Clipper Lawn Mower Co., Box 15, Dixon, Ill.

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The name that assures "the most for the money" in

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Write for Bulletin No. 47 and you will see why.

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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas"

Vol. XLV.

CHICAGO AND NEW YORK, AUGUST 14, 1915.

No. 1419

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Next annual convention at San Francisco, Calif.,
August 17-19, 1915.

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St. Louis, Mo., January, 1916. S. J. GODDARD,
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Annual convention and exhibition at Bar Har-
bor, Me., June, 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

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Annual convention and exhibition at Cleveland,
O., November 10-14, 1915. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, Morgan
Park, Chicago, Secretary.

The Golden Gate.

Under the gold of sunset skies—
The narrow portals lie,
No sail in sight; but through the night
The great sea-ships will fly—
From south and west in eager quest
Will hold their storm-swept way,
To enter at the dawn and rest
Safe-anchored in the bay;
Like souls, in wilder seas
On longer quest,
That gain through narrower gates
A sweeter rest.

—Chas. S. Newhall.

Panama-Pacific Exposition.

Some of the Horticultural Features.

A Wonderful Transformation.

The grounds of the south shore of the Bay of San Francisco, just inside of the Golden Gate, form such a wonderful setting for the great Panama-Pacific exposition that the visitor can not realize that three short years ago this same 645 acres were a salt marsh, or entirely under the waters of the bay. The engineer first, and afterwards the two landscape wizards, John McLaren and his son, Donald McLaren, have together turned a waste place into one of the most beautiful spots in all of the world.

The engineer first took charge of the work and made an hydraulic fill, using a total of 1,700,000 cubic feet of carefully selected sand and silt. This great amount of material was subjected to hourly tests in order to make sure that the proper proportion of the silt and sand was maintained. This fill could be used to support the buildings, but it was not possible to use it for the plantings until 50,000 cubic yards of the finest forest loam was spread over the surface and 16,000 cubic yards of fertilizer were worked into this. With this seed bed prepared, and the proper irrigation facilities arranged, the landscape gardeners and their men took up the work. The problems of arranging the planting so that during the long season from mid-winter to mid-winter there should always be plenty of color was first solved, and then the individual problems were studied and solved.

The palaces are a uniform height of 60 feet to the cornices and are a light buff color. Against this background it was necessary that the trees should be very large. Cypress and eucalyptus were chosen to be especially featured here, with an occasional fir. Over 500 trees were boxed and moved into position against the palaces, which is by far the largest planting of evergreen trees ever treated in this manner. These trees vary from 30 feet to 50 feet in height.

On account of the varied conditions

found in the different parts of the grounds, a great many opportunities were afforded for the use of different classes of plants. Some of the situations are bleak and bare and exposed, while others, especially in the southern closed courts, are perfectly protected and sheltered. In some of these courts are found a high class of semi-tropical trees, such as palms, bananas, tree ferns, wigandias and others.

On entering the grounds at the main entrance the visitor steps into the great South Gardens. This is the territory bounded by the Palace of Horticulture, the Tower of Jewels, the Festival Hall and the 20-foot high fence of mesembryanthemum. This is maintained as a French garden, with its three beautiful pools with fountains, ornamental figures, balustrades, and the beds of color, and the two beautiful palaces at either side, examples of the finest in French architecture. All of the beds in this garden are planted in one color. During the opening days and through March, the beds were yellow daffodils with a ground work of yellow pansies. About April 1, yellow tulips took the place of the daffodils. These were followed in turn later in the spring by a planting of Begonia Erfordii, which will carry the color scheme through until the close of the exposition. Approximately 2,000,000 flowers and plants have been set out in this one garden in order to get the effect which was wanted.

Along the south edge of the garden, and stretching beyond it on either side, is the wonderful growing wall. This wall is made entirely of flats two feet by six feet and four inches deep. More than 7,500 of these flats were used in making the wall. The plant used is Mesembryanthemum spectabile, which is already in full bloom, and by its myriad of tiny pink flowers gives a pink tinge to this most wonderful wall. Perforated water pipes run along the top of the wall and the plants are kept in splendid condition by this means. This is an entirely new effect, as this work has never before been attempted.

Four large groups, 50 feet in height, have been planted on either side of Festival Hall and the Palace of Horticulture in order to properly frame in and correspond to the domes on these buildings. These groups consist of Monterey cypress, Monterey pine, *Acacia mollissima*, *Acacia floribunda* banked up with *Buonymus japonicus*, *laurustinus* and *veronicas* of different varieties, while specimen plants of Lawson cypress and *Thuya gigantea*, interspersed in the surrounding lawns, make a finish to the groups.

The Avenue of Palms, which runs between the Palaces and the South Gardens east and west, is planted with a double row on each side of the driveway with specimen plants of *Phoenix Canariensis* (Canary Islands date palms), alternating with *Washingtonia robusta*, or California fan palms, 30 feet in average height. The planting is more than one-half mile in length. The trunks of the date palms have been planted with hardy ferns placed in the crotches of the old leaves and for the color effects, with ivy leaf geraniums, *mesembryanthemums* and other brilliant plants. Passion vines have already grown well up on the trunks. These vines will ultimately form a festoon effect over the walks. Between the trees, hydrangeas and specimen marguerites, four feet in diameter, have been placed. These are in tubs and have the lawns as a ground work.

Against the south fronts of the palaces, facing on the south driveway or Avenue of Palms, the plantings are largely of special plants of *Eucalyptus globulus* or common blue gum, 40 to 50 feet in height and banked up with other small growing varieties of *eucalyptus* such as *E. robusta*, *viminialis*, *leucoxydon* and others, while in front of these are banks of yellow flowering acacias—*A. floribunda*, *latifolia* and *Baileyana*. In front of these again are magnificent flowering effects of California poppies, all spring flowering shrubs and pansies, which are to be followed by flowering perennials and afterwards by dahlias.

The plantings on the Avenue of Progress which runs north and south between Machinery Hall and the Palaces of Mines and Varied Industries, consists of large specimen trees and palms of an average of 20 feet. Groups of *Dracena indivisa* have been used here with telling effect. Lawns and flowering plants clothe the buildings at the base and give a finished effect. Administration avenue, on the west of the "walled city," is lined with large specimens of *Eucalyptus globulus*, finished off with other varieties of *eucalyptus* as in the Avenue of Palms, in front of which are placed *escallonias*, *pittosporums* and *buonymus*, it being necessary to use hardy plants here on account of the exposure of the site.

The plantings against the north facades of the palaces consist of Monterey cypress, 40 to 50 feet in height, banked up with smaller specimens of the same tree, together with an hardy species of *acacia*. The plantings on the North Gardens consist of extensive lawns interspersed with groups of low growing hardy evergreen shrubs. This plan has been followed because of the wonderful view across the Bay of San Francisco to the green Marin Hills and Mount Tamalpais.

The Fine Arts Lagoon has been treated in the natural style. The plantings here consist of groups of evergreen shrubs placed on small promon-

ories and inlets of the lagoon and around the beautiful open dome. Some large trees and shrubs have been used and more than 10,000 *Vinca major* (periwinkle) make a mass of blue. Several thousand violets have been planted in groups more for the effect of their sweetness than for decorative purposes. To the north of the lagoon is a simple garden finished with quiet little nooks and resting places and ornamented with some very fine pieces of woodland statuary. Cedars and hardy plantings have been used here.

There are five main courts, each with its different plantings and each leading to the other through minor courts or flowered walks. The great central Court of the Universe, with its two huge arches to the Nations of the East and the Nations of the West, and its sunken gardens having the twin Fountains to the Rising Sun and to the Setting Sun. The sunken garden is



Panama-Pacific Exposition Features.
Fountain of the Setting Sun.

planted with thousands of rhododendrons raised two feet above the level of the walk. Three tiers rise to the outer level of the court, these being three-foot steps of grass. Myrtle hedges are used against the palaces with pillar roses and many climbing plants freely used.

In the Court of the Four Seasons the central circular pool is enclosed by a flowering hedge. *Acacia* trees, *Choisya ternata* and *bougainvilleas*, trained in columns 20 feet high, are used. Pillar roses and hybrid rhododendrons are also used, while water lilies give abundant color.

The Court of Abundance is of Gothic design with strong Saracen influence to be seen in the decorations. It is the most ornate setting on the grounds and its horticultural features have been planned and carried out with wonderful success. The main feature of the planting consists of 100 bearing orange trees 10 feet high and eight feet across. These are supplemented with a large number of *magnolia* trees which are planted in the inner circle. Between the orange trees and against the buildings are formal Italian cypress. Spring flowering bulbs, hyacinths, have been followed by the golden California poppy, and these will be followed by a variety of later flowering annuals.

The Court of Flowers is the connecting court between the South Gardens and the Court of Abundance. The chief planting here consists of a magnificent collection of heaths, azaleas and sub-tropical plants. With the exception of the central fountain and the walk the whole court is a huge flower bed. The Court of Palms is the connecting court between the South Gardens and the Court of the Four Seasons. A very fine collection of different varieties of palms have been planted here and a great variety of sweet-smelling shrubs such as myrtle, breath of heaven, lavender, lemon verbena and rosemary. There are in addition to these large plantings, scattered gardens and separate plantings of great beauty.

In addition to what should be called the exposition planting there are many hundreds of gardens and plantings which have been carried out by societies or participating states and nations. There are so many of these that it is impossible even to mention them. Japan, with her very large garden which was literally brought in sections from the "Flowery Kingdom"; Pennsylvania, and a host of others are all very elaborately planned and skillfully executed.

The Royal Horticultural Society of the Netherlands and the Massachusetts Horticultural Society have plantings near the Palace of Horticulture which are of more than passing interest. They both show the very finest in formal gardening, using for their purpose the plants native to their own localities. It would be hard to find examples which are more perfect in all essentials and impossible to reproduce the effect of these gardens, being as they are contiguous to the beautiful Palace of Horticulture with its huge glass dome of iridescent hues and its sympathetic Franco-Byzantine architecture.

The Panama-Pacific exposition is great in every sense of the word, and not only in the influence which it exerts in material pursuits is it potent, but also, and perhaps to a greater degree even, to its exemplification of the aesthetic side of life.

LEONARD CARPENTER.

Premature Flowering of Cyclamens.

ED. AMERICAN FLORIST:

We have about 1,200 cyclamen plants in from four to six-inch pots, part of them in frames outside and part along side benches in greenhouse. Most of them are already flowering quite heavily and we would like to know if they will be in good selling condition for Christmas. They are planted in rather heavy soil, but it seems as though they should not bloom so early.

J. W. W.

The plants should not bloom now if they have been handled properly by repotting, not allowing them to become root-bound, and keeping the whole batch together in the same house, or houses. It is very difficult and almost impossible to grow these plants successfully mixed in with other stock requiring different conditions. I do not think there is anything detrimental in heavy soil, which is rather in favor of the plants.

V. G.

PHILADELPHIA, PA. — Perry Van Landeyhen, formerly one of our most skilled plantmen and landscape gardeners, now in charge of the grounds and gardens connected with Purdue University, Lafayette, Ind., is calling on old friends here.



PANAMA-PACIFIC EXPOSITION HORTICULTURAL FEATURES.
The Palace of Horticulture.

SUGGESTIONS FOR PLANT GROWERS.

Nephrolepis.

The Boston fern and its sports, which have been grown in the bench all summer, should now be potted. The bench is full of young suckers, which, if saved, will make fine stock for another year, so in lifting the old plants take a knife and cut around the plant about two inches from the center, and place a trowel under the plant, leaving the young stock in the bench. They will soon start to grow, when they can be placed close together in flats and grown on in a fairly cool house until next spring, when they will make excellent stock for planting out. The plants that are lifted should be large enough to plant in a 6-inch pot. If there is a demand for larger sizes two, three or four may be planted in seven, eight or nine-inch pots. Many of the plants have probably not made an even growth, being more or less one-sided. These should be the ones selected for doubling up in the larger pots. As soon as potted they should be kept close and warm for one or two weeks and frequently syringed; they will then have obtained a good hold in the soil, and should be given plenty of light and air. The call for these plants will begin by October 1, and it is much better to have them well established before they go

into the residences, and to do this they should be potted by September. The greatest source of disappointment in these plants is in sending them out before they have become established. The Whitmani and finer leaved varieties are now growing rapidly, and should be given room enough to spread and make fine plants.

Sweet Peas.

To have sweet peas in bloom by Christmas the seed should be sown by September 1. If it is intended to grow them to follow some crop that is now in the beds they can be sown in pots, but if the beds are now ready it is better to sow them in the beds themselves. The growers of large quantities have the rows running lengthwise of the houses, two rows in each four-foot bed, one on each side, with a path in the center, but they can also be grown in rows running across the beds, the rows being about three feet apart. This distance will be found necessary or the plants will get twined together, making a bad snarl of the vines. In sowing the seed in pots, place five or six seeds in a 4-inch pot, and in sowing in drills in the bench, plant the seeds about an inch apart. It is very easy to thin them out if they come up too thick, and one good strong plant to a pot

and about eight inches apart in the row is about what should be left to grow on. It is often difficult to get good germination during the hot weather, therefore it is well to plant enough seed. Many growers have trouble with the seed rotting and also the plants dampening off after they have grown to quite a height. They must be watered very sparingly until they begin to climb on the strings. The white seeded varieties are often very difficult to start; a good way which we have found very successful is to sow the seed in the drills on top of the soil, throwing a little sphagnum moss over them until they begin to grow, when they can be lightly covered with soil, and when they begin to climb the drill can be filled in. This will prevent the seed from rotting and proper watering will remedy the damping off.

Marguerites.

The marguerites for winter blooming will soon have to be potted in their blooming pots. This can be done now at any time, and if they are becoming pot-bound the sooner the better. Nine and ten-inch pots are none too large if good flowers are to be grown, and the soil should be good and rich. Pot firmly, using a rammer that the soil can be made solid, and use good drainage. Keep the buds picked off until cool weather sets in; the blooms that are made during the warm weather are of inferior quality and no good flowers will be produced until the plants get a good

hold in the new soil. The plants are far better plunged in frames for some time yet than in the houses, for they may become infested with red spider under the glass. The plants in the benches will need to be frequently sprayed to keep them free from insects

that can be held at a cool temperature to procure the best results, a house that does not have a night temperature exceeding 50 degrees, and even 45 degrees is better. They will not bloom to any extent until after the turn of the year when they will stand

Poinsettias.

The plants of poinsettias, in the northern section of the country, should be in the houses by September 1, for cool nights are apt to occur from that date on, and the successful culture of these plants requires an even temperature. The early struck cuttings should be potted in 6-inch pots and properly staked, the smaller stock to be grown in pans can be grown until October in the small pots. Give the plants a light location in full sunlight, and space out sufficiently to allow a good circulation of air around the plants. In potting the plants if there are no arrangements so that they can be watered with manure water later, leave a good inch of space at the top, so that they can be given a topdressing when the bracts begin to form. An extra feeding at that time will greatly increase the size of the bracts and brilliancy of the color. Close the ventilators on all cool nights as soon as the temperature falls below 60 degrees, and as soon as the night temperatures begin to run lower than that point a little fire heat will be necessary. The one great point in growing poinsettias is in keeping them at an even temperature and growing rapidly.

Annuals and Herbaceous Perennials.

Raised from seed, their cheapness and the simplicity of their culture, combine to commend them to flower lovers. A plant that lives only one brief summer would be a poor investment of time and money if one has a permanent home, unless it has fragrance, form or color. Where a person does not own the land he lives on, but rents, and quick returns are required rather than future gain, a wealth of bloom and a pyrotechnic effect of color may be had with annuals for a small expenditure. The best results with perennials come only after the second year, or when the plants are thoroughly established; but annuals are at their best in three or four months.



PANAMA-PACIFIC EXPOSITION HORTICULTURAL FEATURES.
Rare Trees, Shrubs and Flowers in the Open Colonnades to the Palace of Fine Arts.

and the blooms should be kept picked off of them for some time yet. When cool weather approaches allow the flowers to come along. Cutting can be made at this time which will make nice flowering plants about the turn of the year, at a time when the large plants seem to take a rest and do not bloom profusely. This will ensure a cut throughout the season.

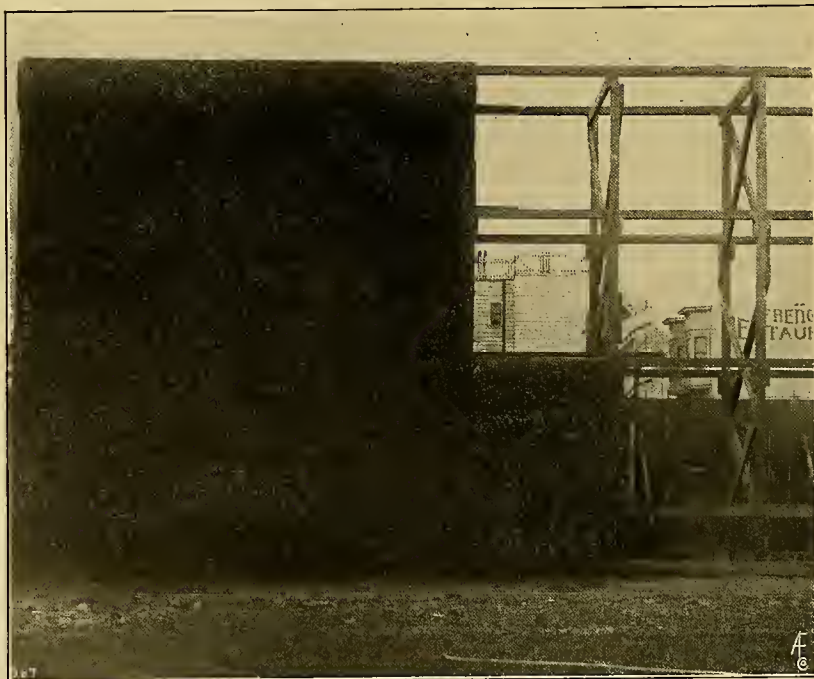
Hollyhocks.

During August and early September is the right time to sow hollyhock seed for the next season's flowering. Seed sown in the spring will not produce a plant that will flower to any great extent that year, and they will have to be carried over the winter to make good, large plants, but seeds sown now will make fine plants for next year. For the last few years the fungus that has attacked hollyhocks has made it difficult to carry the old plants over with any degree of certainty, but with late summer sowing much of this trouble is obviated. Be sure and purchase a good strain of double seed, and sow in a shaded frame, and as soon as large enough pot up in 2-inch pots. Grow them in a frame until November 1 and then pot in 3-inch or 4-inch pots. These can be carried over the winter in a cold greenhouse or in well protected frames, and started in the greenhouse in March and nice plants for summer blooming be assured.

Wallflowers.

The wallflowers that were sown in the spring should now be planted in the benches that they may get a good start before the cool weather sets in. They should be planted in a house

a little higher temperature. The soil should be a good rich compost and the plants can be set about eight inches apart. Stake the plants as soon as they begin to grow and keep them tied up so that the spikes of bloom will not become crooked. Constant fumigation will be necessary, for they are likely to be infested with aphids unless guarded against.



PANAMA-PACIFIC EXPOSITION HORTICULTURAL FEATURES.
Section of Floral Wall Forming the South Boundary of the Alameda.



LOS ANGELES SCHOOL CHILDREN AS CITY BEAUTIFIERS.

City Lot Formerly Used as a Dumping Ground, Developed Into a Productive Field of Sweet Peas and Vegetables for the Christmas Dinners of the Little Gardeners.

Los Angeles Children as City Beautifiers.

When a general committee of 100 leading citizens of the city of Los Angeles and Los Angeles county was called together to consider ways and means of beautifying their community and entertaining the strangers within their gates, they discovered that they had a tremendous lot of work to do. It was voted to make the city a floral bower for 1915, in order that visitors to the two California expositions would find the city attractive. It was easy enough to vote—in fact, the vote was unanimous—but when the question arose how to proceed, there was much wrinking of brows in the thick silence.

"Couldn't the school children help?" finally one deep-thinking committee member asked, and this query gave birth to what is believed to be the greatest movement toward beautifying a city on the part of children that ever has been launched in this country.

The children could help, and did. When the last of the fall and winter planting is done, according to the estimate of the director in charge, there will have been five square feet of ground put under cultivation by children for every man, woman and child in Los Angeles, figuring the city's population at 600,000.

A plan was evolved during the summer vacation, whereby the sub-committee on city beautifying should work in conjunction with the agricultural department of the city public schools. This branch of educational work already had been well developed. Its efficiency for the beautifying campaign was enhanced by a corps of five expert directors in gardening. With this

central directing organization were joined the many parent-teacher organizations of the city. To stimulate the interest of the little folks cash prizes aggregating \$18,250 were offered by the committee. These range from \$5 for the little individual home gardener, to \$1,000 for the district making the best showing in decorative garden work.

Active work was begun when the schools opened last September for the fall term. The approach of winter has but little bearing on garden making in this section of the state, so far as being preventative extends. Fall planting is an established institution and the flower shows are held in the winter, as at that season the rainfall develops the blossoms to their highest beauty. There is no "closed season" for the floriculturist.

Children competing for the prizes were made to register, as the committee has arranged to photograph the gardens in competition. The number registered represents only a small percentage of those taking part in the work of improving the school grounds, vacant lots, and engaged in agricultural work at home. Free seed was furnished by the committee for the home garden and school work done in the competition. Through an agreement with leading seed dealers, who joined with the committee in the publication of a home garden manual for free distribution, seeds for the beautifying work were purchasable at cost by school children with proper credentials.

Instruction in preparing the ground, planting and caring for flowers was given by the directors in charge. Each

of the 150 city schools was visited regularly. The children were told how to go ahead, their questions were answered by experts, and they were given the printed directions prepared in style that could be understood by a child. In order to facilitate the work, to enlist interest of the parents and public, the day after Thanksgiving was proclaimed by Mayor Rose as "Fall Planting day." All citizens were called upon to join in the big plan to make Los Angeles a mass of sweet-scented blossoms for 1915. The school children were given an extra holiday. The occasion was the first of its kind ever held in the city and was such a pronounced success that the committee immediately planned another at a later date. It was estimated that 90,000 school children of the city actually planted flowers on "Planting day" alone.

The plan of enlisting the children in flower planting proved Pope's line about the child being father to the man. Many fathers, uncles, mothers, aunts and all sorts of grown-ups found themselves drawn into garden work through the devotion of the little folks. The youngsters were provided with the seeds and full directions and started out with the best of the argument. Thousands of fathers stirred sluggish livers by spading up weed-grown bits of ground in the yard. The decorative scheme was not confined to front yards, but back yards as well. The slogan given prominent place in the home manual reads: "Make your neighbor's front yard jealous of your back yard." Throughout the county, much the same general plan was pursued. There are prizes offered to the country schools as

well, so that in the general beautification scheme the children are playing the big part, if not the most important part.

The results so far are most gratifying. Much of the work being done is of permanent character, such as lining school walks with trees, planting rose hedges, setting out shrubs and developing a defined scheme of landscaping. A higher standard of floriculture for the future, the instilling of love of the beautiful in nature in the children, the

Florists as Advertisers and Bookkeepers.

A paper by A. F. Koehler, Sherman, Tex., read at the second annual convention of the Texas State Florists' Association, Fort Worth, July 6-7, 1915.

Having been detailed by the programme committee to assist Brother Kerr on the important subject, "Florists as Advertisers and Bookkeepers," I am indeed greatly pleased to impart to the brothers present, what little knowledge I possess of the benefits we have derived from a careful and thor-

ence, to know what quantity to grow the coming year, thereby eliminating that awful pest of both retailer and wholesaler—gluts—and then think you have to run to some department store to unload it. A preventative for these gluts, which means a preventative of antagonism among brother florists, can be sifted down and controlled by the two means in this subject:

First—Advertise judiciously and insistently. There are poor ways of advertising as well as good ones and best results can not be obtained without careful study. Select a medium which you know reaches the most desirable customers, make your ad brief and to the point, and above all make your opening display interesting and attractive. Put yourself in the public's place. How many ads do you read that are not started with some catchy phrase? unless you are looking for that certain line of stock, and there are very few people who pick up a paper to find out who is selling flowers the cheapest, or what the most seasonable flower is. It is up to us to catch their eye and make them see who is who in the flower and plant line. Last Valentine's day I decided to use a slide in all the picture shows in town; one can obtain these slides at the office of our daily paper. Being well acquainted with the advertising manager of this paper, he asked me why I didn't use his paper for an ad. I told him I thought the shows would reach more people. His only reply was "Then why do the picture shows in this town use one whole page in my paper to advertise their shows, if your theory works out?" I told him those visiting the shows mighty near had to read the ads when thrown on the screen, while they would never look at them in a paper. He told me if my ad was overlooked it was my fault and not the paper's, and I guess he was about right. However, we have found the following: Picture shows good, leading papers better and direct advertising best. The last named we have worked down to a very fine point. We have tried some of the various folders that are now on the market, but find our own letters pay best, and attribute the enormous growth of our business to this means.



LOS ANGELES SCHOOL CHILDREN AS CITY BEAUTIFIERS.

A Modest Home Surrounded and Banked With Flowers.

adding to the vacant lots, school grounds and homes of flowers and the general more sightly and cleanly conditions are listed as definitely accomplished.

The claim of Los Angeles to being a city of flower-surrounded homes has been more definitely established through the work of its school children. Any praise that may come from exposition visitors for the floral effects must be credited to the little folks.

MORRIS M. RATHBUN.

Aster Lice.

ED. AMERICAN FLORIST:

Nearly all my asters have been killed this year and they seem to have been destroyed by a sort of plant louse that covered the stem near the ground. Can you give me any idea as to how to combat this another year? Should the soil be treated with anything in the fall to prevent the reappearance of the lice another year? It may be that the eggs of the lice were brought in on the young plants that I brought from a garden near my house as that gardener had been having bad luck with his asters. J. E. B.

Illinois.
Root lice cause aster plants to have a sickly, wilted, stunted appearance. Upon pulling up the affected plants the roots will be found to be covered with bluish lice. A mulch of tobacco stems, or tobacco dust, applied early in the season will prevent the attacks. Saturating the soil about the roots of the affected plants with freshly made tobacco water will destroy the lice. As root lice live over the winter in the soil it is not safe to plant asters the following year on land where the lice have appeared.

ough system of these subjects. We are all more or less loose in handling our advertising and book-keeping, but we should not be. What is the use growing a splendid lot of stock, unless one has a means in view of letting the trade, be it wholesale or retail, know what he has; then, what is the use of selling, if one hasn't a system of book-keeping to keep proper record of the sales, not only to know where you stand financially, but for future refer-

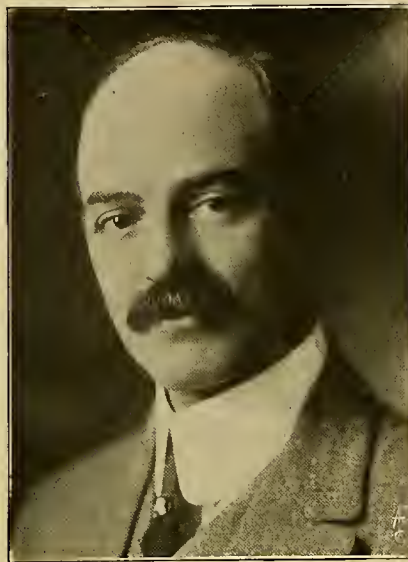


LOS ANGELES SCHOOL CHILDREN AS CITY BEAUTIFIERS.

A School Girl's Home Garden in the Industrial District of the City. Five Thousand Such Gardens are Entered in Competition for Prizes Ranging From \$5 to \$50.



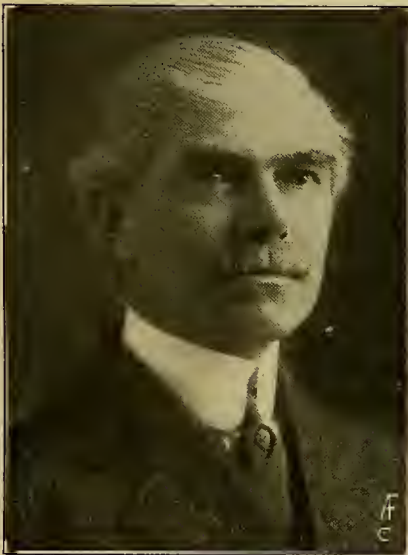
V. Podesta.
Chairman Sports Committee.



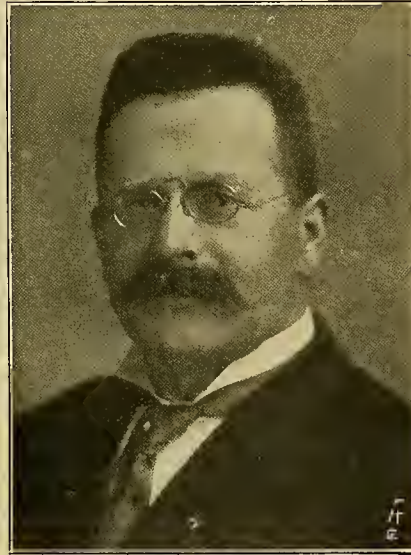
Angelo J. Rossi.
Chairman Programme Committee.



F. J. Bertrand.
Chairman Hotel Committee.



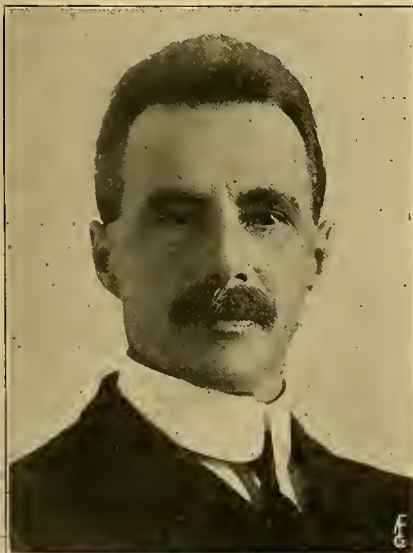
J. R. Fotheringham.
Chairman Reception Committee.



H. Plath.
Chairman Finance Committee.



W. A. Hofinghoff.
Chairman Ladies Entertainment Committee.



E. James.
Chairman Advertising Committee.



Robert Newcomb, Chicago.
Champion of San Francisco at Boston.



H. E. Philpott, Winnipeg, Manitoba.
Champion of San Francisco at Boston.

SOME WORKERS FOR THE SAN FRANCISCO CONVENTION.

In sending out these circular letters for any special day, we prepare these letters—one to be addressed to the married men, one to the single men and one to the ladies who entertain. Each letter is carefully filled in with typewriter, signed with pen and mailed under two cent postage. Of course we endeavor at all times to make these letters attractive and brief. I have with me a copy of one of these letters which proved to be a good "puller," should any of you care to examine it. For our mailing list locally, we use the city directory, carefully marked by someone who is well acquainted in the city. In fact, we have as many as three different clerks check over this list, all of whom are well acquainted in the city, so as to get a very complete list of those persons most likely to purchase flowers. We also use these same letters for our out of town customers, using lists of names furnished us by our local agents in the different towns.

Now, as to our out of town advertising. All ads of this kind should of course be keyed, and all inquiries received, carefully recorded and followed up. For keeping record of the number of inquiries, and of sales through our different advertising mediums, we use a monthly card for each paper, samples of which card I have with me. When an inquiry is received, the name is recorded on a 3x5 card, marked at the top with the numbers from 1 to 31, and a clip placed on the number corresponding to the date on which the inquiry should be followed up. When a sale is made it is duly recorded on this card, and the card then placed in the "sold" file for future reference and for future advertising. Repeat orders are where our profits come; the first order frequently is not of sufficient importance to reimburse us for what it cost to secure, but a satisfied customer is the very best advertisement, and we endeavor at all times to please, for we know if we "sell satisfaction our goods will sell themselves." Advertising is worth little if you do not back it up with A No. 1 quality, the best of service and the most pleasing courtesy. One might think it takes considerable capital and time to carry on this line of direct advertising, but such is not the case. If you are not fortunate enough to have the use of a typewriter, or any of the machines now on the market for this purpose, all you need is pen, ink, paper, envelopes and stamps. There is a druggist in our city, and by the way, one of the leading ones, who follows this method of advertising by the following means. Between the days, he has in mind to use his letters, all his spare time (and we all have much of it) he writes his letters with pen (bear in mind he has a typewriter and multigraph too) but prefers a personally penned letter signed by himself, and he tells me it brings big returns. Another very important item to bear in mind is to select some slogan suggestive of your business or special line, if you have one, and use it always. You will find it will not be long until it is a by-word with all your old customers as well as new ones. We use one in our local advertising, and we contracted with the leading paper here for a number of local ads to run the whole year through and scattered it over various parts of the paper. All we used in these locals was our slogan—"When You Think of Flowers Think of Us," and unless you have tried it you have no



PATRICK WELCH, BOSTON, MASS.
President Society of American Florists.

idea how much attention it attracts. It will pay any one to try it. In conclusion on this part of my subject I would say advertise, and advertise lots—but, do it judiciously and carefully.

Second—Book-Keeping. So much can be said about this, and so many of us florists need to be hammered and pounded so hard on this point, I scarcely know where to begin. It embraces so much of our line, that most of us think it does not require any book-keeping, and in which we are very badly mistaken. Most any of us can tell any time about how much we owe, or how much is due to come in, but how many of us can go to our books and tell which line of stock paid us best for the past year? I don't mean guess at it, but in actual figures. While our floral department is not kept separate on our books, it is kept in such a way that at any time we can see just where this department stands. For the general book-keeping of the company we keep an account for everything—for instance, all improvements are charged to a separate account, likewise the following items: Interest, implements, live stock, growing, purchases and so on. Every individual thing has an account of its own on our books; then when a sale of these various things is made, it is credited to that account, so that any time we wish, we can see just how that department stands and how much we have in it, and what we are getting from it. Of course most florists

do not need so large a system as ours, but I would suggest something like this for even the smallest of us—General sales account, cut flowers, advertising, purchasing, flower store account, greenhouse account, improvement plant purchases, delivery account, live stock or auto account, supplies, etc. Whatever item is a factor in the conduct of the business ought to be in your books, that you may refer to it at any time, and be able to tell how deep you are into it, and put on the check valve if getting an overload. It would be hard for me to state just what one should keep, and each one should be able to tell which are the more important items to keep, but above all—start right now, even if with only a part of the items, and you will like it so well at the end of the year, I am sure you will have a perfect book-keeping system thereafter, and without much extra expense or trouble. Each year you will be able to see where you can improve on it and make it easier and clearer to keep.

There are lots of ways and forms on which to keep these records, but to most of us these need considerable explanation to keep properly, and the busy florist hasn't the time to take a course in such things. I believe it is best to work out a system of one's own, that is very plain, and by his own experience he will gradually improve on it, until he has a plain, neat, compact system that will be a pride to himself



DANIEL MACRORIE, SAN FRANCISCO, CALIF.
Vice-President Society of American Florists.

as well as a pleasure to all whom he may have any occasion to show or tell it to.

The most satisfactory system of book-keeping is the double entry system, which as its name implies, requires two entries for each transaction. This may sound like too much work to do, but by it one can always tell if all items have been posted in the proper amounts. There are only two fundamental rules to be followed to carry out this system, and they are: "All items, cash, flowers, merchandise or whatever we may 'take in' go on the credit side of the proper account, and all items paid out or sent out, go on the debit side of the proper account." The other rule is based on the same principle and is "for every debit there must be a corresponding credit, and conversely for every credit there must be a corresponding debit." For instance, we will send to our flower store a dozen American Beauty roses; we debit our flower store account, 1 dz. A. B. roses \$3.00; we credit our greenhouse sales account by 1 dz. A. B. roses to flower store \$3.00. Our flower store sells these to Mrs. John Doe for \$5, so we credit flower store sales account by \$5 and charge Mrs. John Doe's account 1 dz. A. B. roses \$5. Later Mrs. John Doe sends us a check so we credit her account, \$5 and charge cash account, \$5. Thus by charging the proper or selected accounts with the items properly belonging thereon, and crediting these accounts with all

items belonging thereon, one is able to determine if it is profitable to run an uptown flower store, or to hire delivery men, or to know out of which flowers, profits are made, etc.

In conclusion of these subjects, I would say the moral of all this talk is—"Don't hide your light under a bushel," but let it shine by careful, judicious advertising and reflect upon the pages of a perfect book-keeping system.

Canadian Horticultural Association.

The eighteenth annual convention of the Canadian Horticultural Association, at London, Ont., August 3-5, the opening session of which was reported in these columns in our last issue, has been voted one of the most instructive and interesting in the association's history by all who attended, and the city of London, already noted for its hospitality, fairly outdid itself to see that the visitors lacked nothing in the way of entertainment to make their stay a most pleasant one. Drives, games and luncheons and the visits to commercial establishments were well planned and thoroughly enjoyed.

The sessions were all well attended and the papers and discussions were above the average in educational value. An especially interesting discussion followed the paper on "Fertilizers," read by Prof. Harcourt, Guelph, Ont., and E. J. Hayward, Montreal, responded to a request to read his paper

delivered before the Montreal Gardeners' and Florists' Club, entitled, "The Florist as a Business Man," in which he brought out many excellent points and his paper was listened to with much interest. "The Cost of Producing Florists' Stock," a paper by A. L. C. O'Brien, Toronto, showed much thought in its preparation as well as a thorough knowledge of the subject, presented in such a way that it should be of much value to his listeners. Mr. O'Brien's services will be retained by several florists to install cost keeping systems in their establishments. Other papers presented during the meeting included: "Irrigation and Sprinkler Systems," by Prof. T. G. Bunting of McDonald College, followed by a discussion; "Insects and Pests Injurious to Greenhouse Plants," by W. A. Ross, Vineland, Ont.; "Perennials," by W. J. Potter, Toronto; "Orchids," an interesting talk on their care and proper culture, given by W. J. Jones, orchid expert of the Dale estate, Brampton, Ont.

As chairman of the committee which was to consider the establishment of a national plant register, H. J. Moore, presented a report that was received with much interest. He offered, through the Niagara Parks commission, the use of trial grounds and the care of the same. The association subscribed toward the maintenance and members are requested to send new and rare plants for trial.

About 100 persons, including many ladies, attended the annual banquet which proved to be one of the most enjoyable features of the three days' gathering. Several officials representing the city were in attendance. Toasts were made and responded to by Ex-mayor C. M. Graham, R. E. Blackshaw, Chicago; H. B. Cowan, retiring president; Acting-mayor S. Maness, H. E. Philpott, Winnipeg, and others. E. B. Hamilton, of London, was an admirable toastmaster.

The election of officers resulted in the selection of the following to serve during the ensuing year: Fred Adams, Toronto, president; James Fraser, Prescott, Ont., first vice-president; F. Dicks, London, Ont., second vice-president; Julius Luck, Montreal, secretary-treasurer; executive committee, E. B. Hamilton, E. J. Hayward, E. A. Collins, F. Wise.

The judges of the trade exhibit were as follows: C. A. Smith, Lachine; Walter Muston, Toronto; S. Jordan, Peterboro. A certificate of merit was awarded to Reed & Keller, New York, and a diploma to A. L. Randall Co., Chicago, both for florists' supplies. Among those who made excellent trade exhibits were: Dennis Wire & Iron Co., London, Ont.; Reed & Keller, New York; Spray Motor Co., London, Ont.; King Construction Co., Toronto; Dunlop Rubber Co., Toronto; Cannon Floral Co. and Foster Pottery Co., Hamilton, Ont.; Gammage & Sons, London, Ont.; A. L. Randall Co., Chicago; John Lewis Childs, Flowerfield, N. Y.; Schloss Bros., New York; Kirke Chemical Co., Toronto.

J. L.

MENTOR, O.—The Carl Hagenburger Co. are erecting two houses 24x100 feet and two houses 24x120 feet, in addition to a three-story building which will contain a suite of five rooms. This structure will contain the boiler room in which two boilers and an electric pump are being installed.

ORCHID NOTES.

Cattleya Gigas.

ED. AMERICAN FLORIST:

I am growing a few orchids and am puzzled about the culture of *Cattleya gigas*. My plants are throwing up strong new shoots, but do not seem to be forming flower buds. Can you tell me the reason for this? Last year some of the plants did the same thing, while others, receiving the same treatment, produced their flowers.

J. W. C.

Redmond, Wash.

J. W. C. need not be discouraged because his *Cattleya gigas* have failed to produce flowers this season. At the best, with numerous orchid growers, this fine *cattleya* does not seem at all eager to produce flowering sheaths, yet will grow satisfactorily in every other respect; in fact, from the native habitat of this orchid, plants have been sent home by collectors that never seem to have produced a bloom in their existence, so some allowance can be made for any failure in this respect when grown under artificial conditions. J. W. C. does not state what treatment his plants have received, yet if the following instructions or methods are different to the methods he has hitherto used, and are carried out, a good percentage may be relied on to bloom annually.

Cattleya gigas requires a long rest in a dry, sunny position, with a slight shade of some description on the roof glass to break the direct rays of the sun. This rest should commence after the new bulbs become matured; an observant grower will notice among a batch of plants, how some varieties will bloom and complete their growth early in summer, while others flower at the end, perhaps three or four months later. In either case the resting period may begin at this stage, and may last six or eight months; during this time little water is needed at the roots, yet on no account should they be neglected for want of sufficient water to keep the bulbs plump and solid at all times. When the natural time for growth arrives, the eyes or leads will break strong; then the water supply to the roots may be gradually increased and abundance given till the flowers are cut, then the same proceedings may be again followed for the next season.

C. Y. PRPEDE.

Orchids.

Paper by W. J. Jones, Dale estate, Brampton, Ont., read at the eighteenth annual convention of the Canadian Horticultural Association, London, Ont., August 3-5, 1915.

In introducing this paper, I wish to speak mainly upon those orchids best grown for both commercial and decorative purposes; therefore I must place the *cattleya* first, as it undoubtedly is the finest and best known commercial species we have, and with a fair number of its best varieties, it can be had in flower every month in the year.

The species of this popular genus rank among our finest orchids; they are general favorites and there can be little doubt that as the mode of treatment which they require becomes better understood, they will be extensively cultivated. In many of them the pseudobulbs are singular and pleasing in form, and the dark evergreen foliage of the plants, when in a healthy condition, renders them peculiarly attractive. The flowers are large, elegant in form, and scarcely surpassed in their



WM. F. KASTING.

Treasurer Society of American Florists.

brilliant richness and depth of color, the most frequent tints of which are violet, rose crimson, white and purple, with their intermediate shades.

As soon as the flowering is over is the best time for repotting all *cattleyas*, except in a few instances, such as *Cattleya labiata*, which is best deferred till commencing to grow in the spring. I have found *cattleyas* thrive best in pots, and osmunda fibre as the best material for growing in, with the corn or hard center of the fern chopped up and used for drainage, which the roots seem to prefer better than crocks. The cause of failure by many is through wrong potting, and no plant should remain longer than two or three years at least without repotting. In the case of large plants, they should be broken up and all back bulbs and old and dead roots cut away, and so give them a fresh start. After repotting, watering must be done with care; in fact, *cattleyas* do not require a lot of water at any time and too much water is apt to cause the bulbs to rot. So long as the soil remains moist, no water is required. The atmosphere should be kept moist by damping the floors and under all benches at least once a day. When the plants have made their growth they should be allowed to rest, and be kept dry, giving just sufficient water to prevent shriveling.

As these plants grow upon the stems and branches of the forest trees, or upon rocks, they must necessarily be exposed to all the breezes that blow. How reprehensible then, is the practice of many growers of orchids in try-

ing to exclude air from their orchid houses. For the well being of orchids, it should be remembered that a free circulation of air is absolutely necessary, as well as an abundance of light, but cold draughts, and also the burning effects of the sun's rays, must be avoided, for it is not essential to their well being to be fully exposed to the blazing sun; indeed the life of the plants would under such circumstances soon be sucked out of them if shading were not prepared. There are so called observers of nature, who blame the cultivator for many of his acts, and he has perhaps suffered more wrong at the hands of this class of persons upon the matter of shading, than upon any other. We are frequently told that in a state of nature, such and such plants grow in most exposed situations, situations open to the full effects of a tropical sun, and nothing can be more erroneous than the manner in which we use "blinds" for the purpose of keeping away the bright light of that luminary. All I can say in answer to the objectors is, that they totally lose sight of the fact that our plants are growing under glass, which has the power of rapidly burning up the leaves and disfiguring our plants for years, if not for life. I must add that all plant growers are keenly alive to the advantage of strong sunlight for their plants, but that they are too practical to allow more than is advantageous to them under the artificial circumstances in which they are placed.

Cattleyas require to be kept perfectly clean and free from all insects;



JOHN YOUNG, NEW YORK.
Secretary Society of American Florists.

they are subject to white scale, which should never be allowed to accumulate, as it is then difficult to remove, and the plants are in danger of being injured. In order to keep the plants clean they should be frequently looked over and all signs of scale brushed off with a small stiff brush, especially around the base of the bulbs and the axle of the leaves, where the scale mostly accumulates.

Always aim to maintain an even temperature as too great a fluctuation is bound to cause trouble; therefore, a temperature of 55 degrees by night, and 60 to 65 degrees by day, will be found a good winter temperature, always admitting air on favorable occasions.

Our next best commercial orchid is undoubtedly the spray orchid, of which first place must be given to *Phalaenopsis amabilis*. This magnificent plant, which comes from Manilla, produces its graceful spikes of flowers nearly all the year round. The flowers are at least three inches across; sepals and petals pure white, lip of the same color faintly streaked with rose pink, and continue in perfection a long time, therefore making it an ideal flower for commercial and decorative purposes.

Phalaenopsis Schilleriana, which also comes from Manilla, has beautiful variegated foliage, and the flower spikes often reach a length of two or three feet, with more branches than the other kinds, and the flowers are arranged in two rows along the spike.

The sepals and petals are a beautiful light mauve edged with white, lip of the same color with darker spots, the inside is handsomely spotted; indeed the whole aspect of the plant is very attractive. They are best grown in baskets, and hung near the roof and kept shaded, in a moist atmosphere and when water is required the plants should be taken down and dipped, great care being taken not to allow the water to get into the heart of the plants otherwise decay or spot is likely to occur. A temperature of sixty to sixty-five or a little more will do no harm with sun heat, always giving a little air when weather is permissible.

Oncidiums, with their useful sprays of bronze and yellow, *Vanda coerulea* with its various shades of blue, and others too numerous to mention here, but which I hope to do at some future date, not forgetting the *odontoglossum* and *cypridium*, with its quaint and interesting flowers, have all proved themselves as our best and most beautiful of commercial orchids.

GALVESTON, TEX. — The Galveston Floral Co. is redecorating its store in the Tremont hotel.

MEMPHIS, TENN.—H. M. Cottrell, agricultural commissioner of the Chicago, Rock Island & Pacific Railroads, has been selected as the agriculturist of the Business Men's Club of this city.

THE ROSE.

Roses and Carnations in Same House.

ED. AMERICAN FLORIST:

Will you kindly advise what varieties of roses and carnations are best adapted to be grown together in the same temperature and under the same conditions as would be the case where both are grown in the same greenhouse?

Minnesota.

A. S. S.

We do not advise growing roses and carnations in the same greenhouse. The conditions of moisture, temperature and airing necessary for the successful culture of roses will not do for carnations. It would be far better to partition the house in the middle, making two sections, using one with a night temperature of 56° to 58° for roses and the other with a night temperature of 50° to 52° for carnations.

C. W. JOHNSON.

Young Stock Needs Close Attention.

The young stock should by this time be moving along nicely, and should be given very close attention day by day. Cultivate the plants every week, and keep all the old spidery foliage that may have gathered on the plants while in the pots removed. This can safely be done after the plants have made some new foliage, and it will save a lot of syringing later on, as in most cases the red spider gets a foothold from this cause. It is very essential to keep the plants tied as fast as the growths are being made, in order to syringe thoroughly, which is also a drawback to red spider and greenfly, and the work of stirring the soil is so much more easily accomplished. Of course, the plants require a great amount of water during the extremely hot weather; at the same time do not get the soil soggy or burned foliage will be the result. Try to allow the plants just enough water to last them from day to day without becoming dry in spots or at the edges of the beds. If one finds the beds drying in spots, caused usually by careless or irregular watering, the dry places should be watered first and then go over the whole bed and try to keep the watering done evenly. A house can often be sprayed overhead when the thermometer inside registers 110° to 115°; at the same time it would not be advisable to water heavily under these conditions for fear of scalding. *This applies to the plants that have been pruned as well as the young stock, especially if the first growth they have made is in an unripened condition, as at this stage there is very little root action to take up the surplus moisture and the foliage naturally goes to the scalding point. Often a whole house is badly burned, and the fault is often thought to be from dryness of the soil, whereas it is usually from over-watering. Another thing, get the watering and spraying done as early in the morning as possible, and they will stand the heat far better throughout the day.

Removing the buds is also a very important part of the work. Do not be afraid to pinch back rather hard when pinching. To do this work right takes time, as the growth should be removed back to the first plump or solid-looking eye, which often requires a lot of courage for the beginner, as apparently the plants have too much of a pruned look, but each successive growth will be stronger, and it is the

only way to put good strong blooming wood into the plants.

There are many other things that will require looking after besides the plants. In the first place, see to it that there are no lights out in the roof. Make these repairs at once; a light of glass out here and there means several plants for every light,

bolts oiled. The openings can be left open until almost time to start the fires, which will give the boilers a chance to dry out. Place the plates and bolts in a box where they will not become lost or misplaced. Look the grate bars over, and if shaking grates, look at the bolt fastenings in the ash pits, and give the smoke stack and

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Flower Case.

The name refrigerator has a very harsh sound to flower lovers, when used to designate the place in which flowers are kept. Refrigerator at once suggests ice, a frigid air, a killing chill, that will take the life out of a dainty blossom. Flower case is the better name, and if anything is said about ice, the inquirer is told there is just enough chill to keep down the heat that is generated by a lot of vegetation enclosed in a case without ventilation.

AN IMPORTANT FIXTURE.

The flower case is generally the feature of the cutflower store. Some are very simple and unpretentious, while others, in the large establishments, are large and elaborate, a striking feature of the decorative fixtures of the place. The dimensions and the position of the case in the store depend much on the importance of the business and the size of the salesroom. In a number of cases the flower room, as it is often called, is in reality a large refrigerator of which only the door is visible in the store, the customers being taken inside to make their selection. The flowers are seen nicely arranged in groups on the floor or on tables or a step stage, according to the room available. Shelves around the sides contain the orchids and other short stemmed flowers, while smilax and asparagus sprays hang down gracefully along the edges. Such an enclosure when well stocked, is sure to make a good impression on the visitor. A good example of such a case is seen at Charles Thorley's New York "House of Flowers." In the basement, directly underneath, is another similar room for reserve stock.

Most cases, are however, out in the store, with large glass doors, there being as little woodwork as possible to obstruct the view of the stock. Some of these are so large that customers,



DETAILS OF SAMUEL MURRAY'S NEW STORE, KANSAS CITY, MO.

being put out of a growing condition, through having the water pour on them every rainy day. You will note that these plants will have weak and watery-looking foliage and have a stunted appearance, and these days, when each square foot of bench space must pay a good dividend, one can ill afford to be careless in any way. A leaky rose house or greenhouse is a pretty poor proposition to grow a successful crop in, and the easiest way to keep the roof in shape is to have the lights replaced as soon as a missing one is noticed. It will take such a short time to make these slight repairs that the time will not be noticed. The houses should be painted every other season at least, and we have found that if a good high-grade paint is used, that this will be as often as is practicable, and is often enough to protect the putty by preventing the frost and ice from loosening it. Another little job we are so likely to forget is the oiling of the ventilating gears, also the hinges on the sash and at every frictional point. The sun, pouring down on the metal day after day, will dry out the bearings in every part of the apparatus, besides the ventilating machines are almost in constant use during the summer and fall.

Another suggestion is to look the heating plant over carefully, and give the boilers a general overhauling. If a return tubular, remove all the hand-hole plates, and manhole plate, and by running a long chain in and around the tubes, and through the handholes with the use of the hose, the scale can be loosened up, and also sediment, rust, etc. New gaskets should be fitted to all the plates, and the nuts and

chimney a good cleaning; have everything pertaining to the heating apparatus ready to start at short notice. Do not say, "I guess everything is all right," but make sure that it is, or some night next winter, when a young blizzard is raging, our guest may be an expensive one.

E.



DETAILS OF SAMUEL MURRAY'S NEW STORE, KANSAS CITY, MO.



FLOWER BOX AND OTHER DETAILS OF SAMUEL MURRAY'S NEW STORE, KANSAS CITY, MO.

or the salesman, may go inside to select or bring out anything desired. The great majority of cases, however, are more confined, being about 30 inches to three feet in depth, six to eight feet in height, with a large space on top for the ice, and a length of from four feet upwards, as is needed for the requirements of the business. There are generally drawers at the bottom for fern leaves, smilax, galax or other greens. In some cases the doors slide on rollers; in others they push up and down like sash. A very useful feature is a door, mirrored on both sides, which opens to one of the sections in which the space is filled with zinc or nicked metal drawers, in which are kept violets, gardenias and other like flowers. There is a clear glass division partitioning some of the sections so that in the summer, when the stock is smaller, only a portion of the case is in use which relieves the too frequent visits of the ice man. In a number of the larger cases the cooling is done by individual electrically operated ice machines, which work automatically, keeping the air down to any desired temperature. Many cases are fitted with plate glass shelves resting in nicked supports, that are adjustable for vases for short or long stemmed flowers.

PENNOCK BROTHERS CASE.

One of the most elaborate arrangements for the display of cut flowers is that of Pennock Brothers, of Philadelphia, Pa. It occupies all of one

side of the store, reaching from the floor to the ceiling, the top being ornamental woodwork. This is cooled by an automatic machine which is most satisfactory. This case is some 40 feet in length and is at all times most attractively filled with the best the market affords. Orchids have a section, American Beauties another, various tea roses are arranged together, also carnations and snap dragons have places. Made up baskets are given a suitable space and so on, the whole being a truly wonderful display that cannot help but make a favorable impression on the visitor.

The vases for cut flowers are an important feature, the fibre is the most indestructible, and when enameled white, are very good, though rather clumsy. Some stores use an outside covering of wicker, which gives an air of distinction. Well shaped and commodious vases of clear glass, if kept clean, always look good and will stand considerable wear if reasonable care is taken.

THE BATTLES PLAN.

H. H. Battles, whose business is one of the largest in the country, taboos the iced chamber, and displays his flowers in vases covered with wicker, placed back of his counter and about the store. An immense reserve is kept in the basement, in a vault under the pavement. One large window nearly always contains a great showing of cattleyas and other orchids.

The flower case should always be clean and the stock arranged to show to the best advantage. Anything passe or off color should find a place in the reserve box in the rear or the basement. Only fresh salable flowers should be on view. "Are they fresh?" is uppermost in the minds of all purchasers; "Be sure they are fresh" is often the admonition, as the customer after leaving an order, turns to go. Flowers at best are short lived and the least blemish, such as a mildewed or bruised petal, must always be carefully removed. Each vase should be arranged so as to show to the front; this done with all vases, gives the case a much fuller and more elegant appearance.

The Show Windows in Summer.

Although it is summer time, with comparatively few people in town to see them, the windows must not be neglected. They can be decorated in an inexpensive manner, which at the same time will be attractive and let people know that the place is still open and anxious to do business.

If there are two windows, it is well to arrange one of them in a more or less permanent manner, such as a garden effect, or a bank of ferns as a background for a lily pond, which, when kept filled with cut lilies, is cool looking and attractive. A few caladiums, with their beautifully variegated leaves will give such a decoration the needed touch of color. A garden effect, with a shrubby border, curving



Mrs. Wm. F. Gude.

President Ladies' Society of Am. Florists.



Mrs. Chas. H. Maynard, Detroit, Mich.

Secretary Ladies' Society of American Florists



Mrs. George Asmus.

1st Vice-Pres. Ladies' Society of Am. Florists.

walks and flower beds with prepared green moss for grass is sure to attract attention. The surface can be made undulating by a foundation of sphagnum moss; the walks made of sand or fine white pebbles. The flower beds are best made with saucers or shallow boxes of sand, into which are stuck cuttings or the tips of coleus or other like foliage plants. Geranium flowers or others from stock will serve the purpose very well. It is but the work of a few minutes to change and replace the beds and thus keep the display attractive while it is a feature.

For the cut flower window, there should be a background of ferns, a few good Boston or Scotti will do, but one or two cibotiums are best. This grand, decorative fern with its lace-like fronds is a feature of itself. A large vase of gladioli will, with the ferns, be sufficiently attractive. As a change the flowers can be arranged in a large deep vase basket tied with a showy ribbon. A magnolia wreath with gladioli and an appropriate bow of ribbon, makes a good show piece, as does the same wreath with a decoration of purple asters. Windows such as these will make the passerby stop and look, while a collection of faded ferns and vases of flowers that are very passe and which is far too often seen are certainly no credit and a positive detriment to the house. A few well trimmed box or bay trees are a good feature if there is room for them on the curb or about the doorway or windows.

A window full of boxes tied with ribbon bows, some of them wrapped up for shipping and tagged for seashore and mountain resorts, cost nothing and call attention to this branch of the business in a practical way. What is wanted is frequent change; give the young ambitious fellows a chance to try their hand and see what they can do in this dull time. It is always best to have some decorative scheme before the work is started, as very often it is done in a hit or miss kind of way, which when completed, has no special feature, carries out no idea, and is not likely to attract the business so much needed at this time.

K.



Mrs. Albert M. Herr.

Treasurer Ladies' Society of Am. Florists.
Reading Her Favorite Trade Paper.

Humidity in the Greenhouse.

The relative humidity of the air in greenhouses is a most important factor in the forcing of many greenhouse crops. Some effects of the varying degrees of humidity are given in Bulletin No. 277, entitled, "Fertility and Cultural Studies with Roses," published by the New Jersey agricultural station, New Brunswick.

Circular 47 has also been prepared by the station in order that florists may have directions for determining humidity by means of tables published in the circular.

The quantity of moisture in the air or the humidity may be determined by means of a sling psychrometer. This instrument consists of a wet and dry bulb thermometer attached to a wood, or a metal base, with a handle arranged to permit of whirling or rotating the thermometers in the air. The bulb of one thermometer is covered

with muslin and kept moist when determinations are being made. To make a determination the psychrometer should be whirled steadily for a few seconds, and the wet bulb thermometer read. It should then be immediately whirled again and read, and this process continued until the wet bulb shows a constant reading. The difference in temperature indicated between the dry and wet bulb thermometers should then be noted.

After this difference has been noted turn to the tables given in the circular for humidity determinations and note the column under "Air Temperatures." Follow down the column until you find the temperature indicated by the dry bulb thermometer, then read across the page until you come to the column indicating the same difference in degrees as you found between the wet and dry bulb. The figures will indicate the desired humidity reading.

For example, suppose the difference between the wet and the dry bulb was 4 degrees and the temperature of the dry bulb was 62 degrees. Note the 62 in the air temperature column of the table, then read across the table until the column indicating a difference of 4 degrees is reached (eighth column), and the figure 79 will be found. Or, in other words, a temperature of 62 and a wet and dry bulb difference of 4 means a humidity of 79 per cent. Each increase or decrease of .5 degrees between the wet and dry bulb means a difference of 2 to 3 per cent in humidity.

The tables for the determination of humidity, included in this circular, cover temperatures between 50 degrees and 80 degrees. This range of temperature should be wide enough to meet the needs of most florists. More complete directions for the determination of humidity can be secured from the Weather Bureau, U. S. Department of Agriculture, Washington, D. C.

NEW ORLEANS, LA.—The recent wedding of Chas. Eble, Jr., and Miss Alma Etter at Alphonsus church attracted a host of friends of the bride and bridegroom.



PACIFIC COAST HORTICULTURAL SOCIETY WAYS AND MEANS COMMITTEE, S. A. F. CONVENTION ARRANGEMENTS.

J. R. Forbushingham
J. A. Axell

W. A. Hohnghoff
B. Meyer
T. F. Taylor

M. Poss
Angelo J. Rossi

H. Plath
D. Raymond
F. Bertrand

Wm Kettlewell
V. Podesta

Burpee's Sweet Peas.

There is perhaps no cut flower that has forged so rapidly to the front, and become such a factor in the business as the winter-flowering Spencer, or orchid sweet pea. The long sprays bearing three to four large frilled blooms of most exquisitely shaded colors, and delightfully fragrant, are extremely fascinating, holding their own in competition with the best the market affords. As a flower for the corsage, they take first place, either alone, or in combination with gardenias, lily of the valley or orchids. Up to this time they have proved very profitable to the growers, there being a number of instances where the returns from one crop have paid for the house in which they were grown.

The great improvement of the past eight or ten years, as seen in this lovely flower, in variety of color, size of blossom, length of stem and earliness of bloom, which made possible the forcing under glass, is the work of a number of sweet pea enthusiasts, but the one who stands head and shoulders above the rest, a leader in every sense of the word, is W. Atlee Burpee, Philadelphia, Pa. He has watched every step forward, both in this country and abroad, and no expense has been spared to get the best—and get it first. His recent purchase of the sensational English variety, "Fiery Cross," at \$417 per ounce of seed to the amount of three ounces is an example of his aggressiveness in obtaining meritorious new varieties. At his trial grounds at Fordhook are to be seen every new variety from all quarters of the globe, as well as pedigreed seedlings from crosses of his own, made by Geo. W. Kerr, who has had charge of this department for the past six years. The present season's tests of their own new creations alone amount to 135 separate kinds, of which records have been made. A number of these seedlings are wonderfully fine, and will be named and sent out as fast as stock can be worked up. When varieties of merit have been proven, the seed is sent to the Floradale seed farms at Lompoc, Calif., to be grown in the quantity required.

Mr. Kerr, whose extended experience in England, where the growing and exhibition of the sweet pea were his specialty, is looked upon as an expert. His booklet, "Sweet Peas Up to Date," published by the W. Atlee Burpee Co., should be in the hands of every grower of sweet peas. It contains directions for indoor and outdoor culture, together with other valuable information and a list of all the Spencer varieties so far introduced, describing their origin and color. It is a pleasure to talk to Mr. Kerr on almost any horticultural subject, as his business appears like recreation. Hybridizing and records made of everything done, appear to be second nature to him.

Now that sweet peas are over, he is doing great work with gladiolus, crossing the early-flowering precox type with the wonderfully tinted primulinus of southern Africa, and getting flowers remarkable in the orange and salmon pinks, and a whole range of colors that are new to the large-flowering sorts.

In speaking of the difference between the forcing or winter flowering sweet peas and the summer flowering sorts, he stated that the winter forcing types were the result of careful selection over a period of years, nearly all early sorts having sprung from the

Blanche Ferry. Crossing the Spencers with a reselection of the earliest varieties had produced early flowering Spencers, which were now so fixed in color that they should come true from seed every time. While he knew this was not always the case, the trouble was due to growers of seed not "rogueing" their stock plants; that is, taking out all mixed colors as fast as they appear. In this way, if only the color desired is left, the seed is bound to come true, as sweet peas are self-fertilizing, it being almost impossible for insects to get at the germinating parts of the flower until fertilization has taken place. In his work he has to take the bud in a comparatively green stage, before the pollen is ripe enough to fall; then he is sure of his results. It is a singular fact that the first results of this fertilized seed is very disappointing, nothing seeming to come as desired, but the seed saved from these plants produces the next year true characteristics and colors that are fixed and from which selections are made that will reproduce true from seed. He is particularly enthusiastic

over his crosses with the new Yarrawa, the products are larger than is the case with existing sorts, with greater stamina and very rich colorings. They can be had in by Christmas and will flower until spring. They are what he calls "easy doers," with which any grower, who will give them ordinary attention, will be almost sure to be successful.

In forcing winter sweet peas, he lays great stress on the preparation of the soil. Ground beds are best, with plenty of head room. Trenches should be three feet in depth, well drained, and with good rich turf at the bottom; then plenty of manure and bone meal. Plants are best started in pots and never allowed to get a check. Most growers are not careful enough with the watering; on no account should they be watered or syringed before being fumigated, as dampness on the foliage appears to hold the nicotine and is very injurious to the vines. When the flowering season commences, a check from chill, or too much or too little water, will pale the color, harden the wood and shorten the stems.



SWEET PEA FIERY CROSS.

W. Atlee Burpee & Co.'s Novelty for 1916. Awarde I Silver Medal of the National Sweet Pea Society of Great Britain and Silver Medal of the American Sweet Pea Society.



VASE OF SWEET PEA YARRAWA, SHOWING GREAT LENGTH OF STEM.

Five feet between the rows is best for sweet peas. Violets make the best companion crop, but on the side benches may be grown any plant that does not require a temperature over 45° to 50° at night. To get early flowers buy the best seed and start early, rather than bring them on with heat later.

Referring to novelties like the original Countess Spencer, Gladys Unwin, Yarrowa and others, they were, he said, undoubtedly sports — plants grown from seed that had in some way become fertilized with other than their own pollen. Although, as above stated, this would seem very difficult to take place, it seems the only explanation. When growers find their forcing stock of plants mixed with the summer flowering sorts, these latter should be removed, as they take up good and much needed room, and will not bloom until spring.

For the outdoor summer sorts, he advises getting the ground made ready the fall before, as the winter then mellows it and it is ready early in March for planting, when it might be too wet to dig, and much valuable time would be lost in waiting for it to dry out. The ground can be made ready and the seed planted in the fall, but generally the results are not so good, as, if the winter is mild, the sweet peas may start up, to be killed later by a cold snap.

Mr. Kerr feels sure that the sweet pea will gain in popularity as a cut flower in winter, as new varieties even better than existing sorts will be sent out as soon as the stock is suf-

ficiently increased to supply a moderate demand. There will also be further progress made, as many of the hybridizers, both in this country and England are hard at work with each recurring season, doing their best to improve this lovely flower.

All of the new varieties are tried out at Fordhook, and any found to have merit enough to catalogue are sent to their Lompoc seed farms in California to work up the stock. The following is a list of a few of the best sorts for winter forcing of Mr. Kerr's selection:

Blanche Ferry, pink; when true.
Yarrowa, pink; perfectly true.
Fordhook Pink.
Fordhook Rose.

(The last three are new and in many respects superior to the older sorts.)

White Orchid and Miss Spanolin; white and black seeded whites.
Rose Queen; best of its color.
A. Harvey & Sons, Brandywine Summit, Pa., consider the following varieties the best winter-flowering sweet peas:

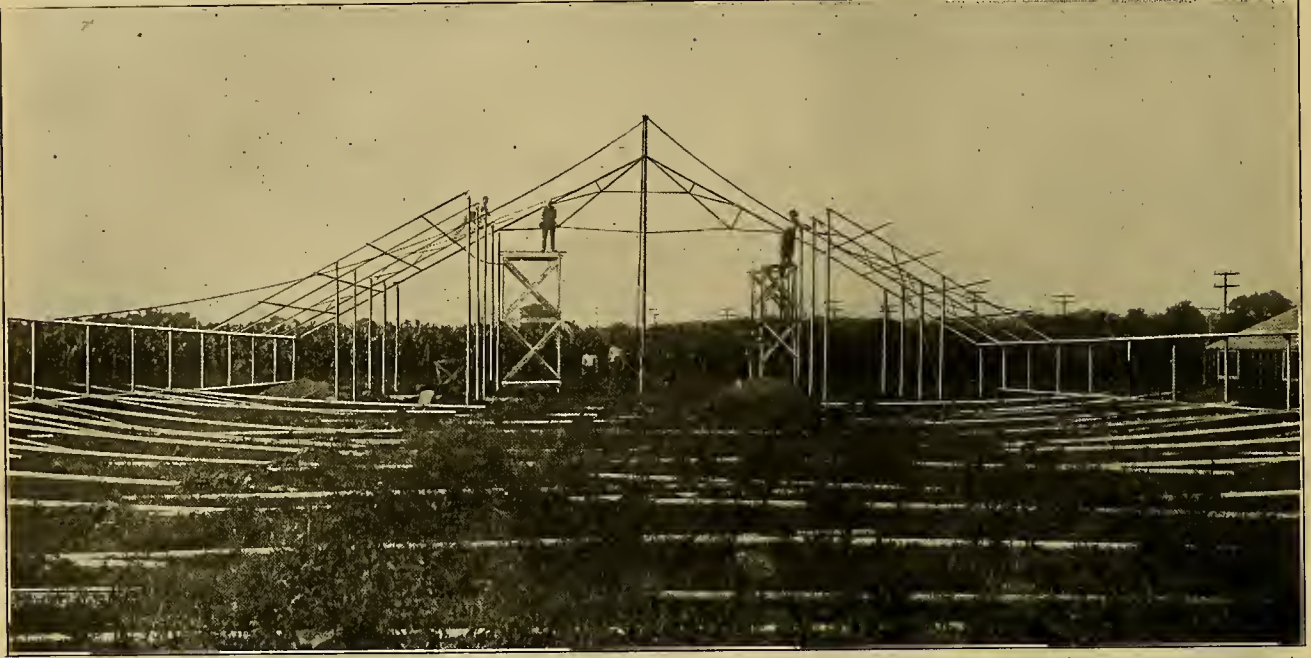
Christmas Pink Orchid; pink and white.
Lavender Orchid; light lavender.
White Orchid; white.
Mrs. A. A. Skaach; bright pink.
Mrs. Jos. Manda; shell pink.
Orchid Beauty; dark rose pink.
(All of the above are from Ant. C. Zvolanek's collection.) K.

BLOOMINGTON, ILL.—Earl Ewing is erecting a small greenhouse equipped with a hot water heating system.

CHRYSANTHEMUMS

Care of the Plants During August.

Every chrysanthemum grower can now find plenty to do attending to the daily routine work necessary in the care of his plants. The plants growing on the benches for cut blooms have now attained a vigorous plant growth, with the soil full of roots requiring steady attention as regards watering and syringing. To allow these plants to suffer for the want of water will give them a setback from which they may not fully recover. When the drainage is good and the soil porous, chrysanthemums will stand liberal watering, but if there is anything wrong at the roots, the plants will quickly show the effects of it by the young foliage turning a light green and wilting quickly with the sun, denoting a soft growth. When this happens, the beds should be allowed to dry out more between the waterings and extra care taken with syringing of the plants so that the soil does not get soaked during the operation. It is only guesswork to say how often the plants should be watered or syringed; this must be governed by the weather and local conditions and is a detail for the judgment of the grower in charge to decide. A good plan is to take a trowel and examine the soil down to the bottom of the bench to see if it is in the right condition all the way through. It is important that the watering and syringing be done early enough in the day to give the foliage time enough to dry

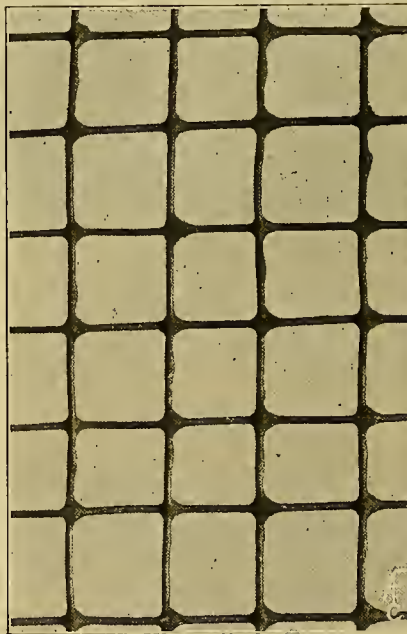


DAVIS & STEINER'S NEW GARLAND GREENHOUSE, 76x900 FEET, NOW BEING ERECTED AT OTTAWA, ILL.

out before night. Now that the plants have made heavy growth, it takes the foliage a longer time to get dry, especially on the side benches, where there is not as free a circulation of air as in the center of the house; wet conditions overnight in the greenhouse, when there is a heavy dew outside, quickly cause the foliage to go bad. Plenty of fresh air is very important at this time to ripen up the wood and encourage the setting of the buds. Full ventilation should be kept on every minute during the daytime and the only lowering of the ventilators at night should be to guard against heavy rainstorms.

The time is drawing near when the buds will be ready for taking. Expert growers of exhibition cut blooms commence selecting and taking the buds on many of the exhibition varieties as early as August 5, and again August 10 and August 15 are important dates for this class of stock, and after the latter date every bud on an exhibition variety should be taken as it appears. Early planted stock of the early October flowering varieties will begin to set their buds about August 15 and they should be taken as they get into condition to safely handle mid-October varieties, and those which mature their blooms early in November will have their buds ready for taking around August 20 and every bud, whether exhibition or commercial, should be taken as they appear after this last date. Care should be taken in doing this very important work so as not to damage the young bud. Do not attempt to take the bud until it is plainly visible and the side growths can be easily removed. A close watch must be kept on the grasshoppers to prevent them chewing the young buds; this is the time they cause so much trouble, as in a very little while they will chew the top or side out of a bud, completely ruining it.

After the buds are formed the suckers will begin to shoot out at the stool of the plant and these should be removed by cutting them off with a sharp knife, being careful not to damage the roots when doing the cutting; also, do not figure to set back and watch the



Galvanized Wire Hail Screen
Showing Exact Size of Wire and Mesh.

flowers develop without any more trouble after the buds are set. Any side shoots that may have been overlooked will now quickly shoot out, and, unless removed take a lot of strength from the plant, so be on the job all the time.

The well established plants will be greatly benefited by applications of liquid manure once every week or ten days according to the strength of the plants and the treatment they have been subjected to, but it is best to be a little cautious rather than overdo the feeding, especially with the commercial cut flower stock; also, watch the day for applying the manure. A fine day with the soil in a moist condition is the right time for watering with liquid manure as the plants will take up the manure quicker on bright days

than they will on dull cloudy days and get more good from it, and under no consideration should plants be given liquid manure while the soil at the roots is in a dry condition, but give the beds a light watering with clear water first and allow them to remain for an hour or two before applying the manure water.

Be sure the plants are properly supported to insure straight stiff stems; also watch out for the aphids, which will be very troublesome if once allowed to work down in the young buds, which are now forming. Red spider and thrips are other insects that must be fought right along to be sure of having perfect flowers later on.

C. W. JOHNSON.

Hail Screens for Greenhouses.

ED. AMERICAN FLORIST:

I would like to secure information regarding the use of hail screens on greenhouses, particularly the proper size of mesh, distance the wire should be placed above the glass, and percentage of light that is shut off by the use of hail screens. W. A. P.

North Dakota.

The writer is located in the hail district of Kansas, where hail insurance, if it can be secured at all, is at a very high rate, and has found the following method of screening very effective:

For a continuous range of houses I use $\frac{3}{4}$ -inch galvanized pipe as a support for the screen in gutters, using as a support a pipe frame consisting of $\frac{3}{4}$ -inch pipe posts one foot longer than the distance from the plate line to the ridge line, and fitted with 1-inch tees at the top, which allows the $\frac{3}{4}$ -inch pipe at the top to slip through easily, allowing the use of short length or second-hand pipe. At the bottom the pipe posts are fitted with $\frac{3}{4}$ -inch perch flanges, which are fastened to posts about 12 feet apart that support the plate. The object of having the frame one foot higher than the ridge is to allow for opening the ventilators. On the outer slope of each range V-shaped brackets are placed, across which is stretched No. 10 galvanized wire,



DAVIS & STEINER'S NEW GARLAND GREENHOUSE, 76x900 FEET, NOW BEING ERECTED AT OTTAWA, ILL.

which serves to hold the wire screen off the glass.

The accompanying illustration shows the exact size of mesh and gauge of the wire used in the electric welded hail screen, which comes in rolls, each containing 400 square feet. This can be had in various widths, but for our purpose we find a four foot width satisfactory. The screen is fastened securely at the plate, and stretched tight crosswise over the ridges, the seams being tied at intervals of 8 to 10 inches with No. 16 galvanized wire. For fastening these seams a 2x12 plank is used long enough to reach from the galvanized pipe support to the ridge, a common hook ladder being fastened over the ridge.

The percentage of light that such a screen shuts out depends entirely upon weather conditions. In locations where there are heavy snow falls and few melting days, the snow will lay on the screen and exclude all sunlight, but in clear weather you can hardly tell the screen is there.

R. F. HERMAN.

Lincoln, Kan.

Davis & Steiner, Ottawa, Ill.

The new iron-frame greenhouse, 76x900 feet, that the Garland Manufacturing Co., of Des Plaines, is building for Davis & Steiner at Ottawa is well under way and is attracting a great deal of favorable attention, for it is one of the largest houses of its kind ever built, and to give the reader some idea of how large it really is it takes fully four minutes to travel from one end of the house to the other at a fast walk. Over 1,900 boxes of glass will be used in this one house or in other words it will consist of 95,000 square feet of glass which is equal to 9 houses 28.4x300 feet and will require over 3½ tons of putty. The house is of pure steel-truss construction, and is 27 feet high at the ridge and 6½ feet on the sides. It has galvanized steel cave plates and will have roof and side ventilation. The posts are set at 8 feet 4¼ inch center, insuring a much greater support-



N. Y. Florists' Bowling Club Outing.

Top to Bottom: Chas. H. Totty Gets a "Strike"; Mr. and Mrs. Jos. Fenrich, Hosts at Bradley Beach; First Day's Catch at Barnegat Bay; Second Day's Catch Including Eight Pound Blue Fish.

ing strength than if spaced 12 feet or more as is quite frequently done. The rafters are tee iron instead of flat, which the manufacturers claim will avoid any tendency to buckling. The wall and purlin posts are galvanized and set on post bottoms in concrete. Ample protection has been made with sufficient sway and the parts based to insure against endwise and diagonal strain. By reason of the great width of the house and its high ridge subjecting the gable end to great wind strain ample protection has been made by special gable end bracing to protect it against any post contingency in this respect.

The house runs east and west and as soon as it is completed it will be planted with cucumbers with no benches but walks every five feet and the plants set four feet apart both ways with two plants to a stalk. This house and the old houses which are also quite large will be heated with steam. Winandy Bros., of Chicago, have charge of the erection and Val Winandy says that when the job is completed the house will stand the racket, which means that it will be safe in every respect, for he has been erecting greenhouses for a great number of years and knows when a house is safe and when it is not.

New York Florists' Bowling Club.

With ideal weather, business cares left behind, and everybody in the best of spirits, the members of the New York Florists' Bowling Club left July 28 on the Sandy Hook boat, their destination being Forked River, where "the big ones bite," and the delightful two days' outing will long be remembered by all who were fortunate enough to be in attendance. The sail to the Highlands was delightful, and upon landing the party was met by Joseph Fenrich with his splendid car, and he and W. P. Ford arranged a program that was a wonder. Proceeding in two autos, the trip was made down the Jersey coast, passing through Seabright, Red Bank, West End, Long

Branch, Deal Beach, Asbury, and Ocean Grove, with their beautiful homes and magnificent gardens and grounds, and arriving at Mr. Fenrich's beautiful home at Bradley Beach, where Mrs. Fenrich and her husband entertained the party royally during its short stay. The next stop was at Lakewood for refreshments and a delightful ride around the George Gould estate that gave a suggestion of being in dreamland—so much beauty in so short a period. Then on the way through real country to Toms River, a short stop there for refreshments and on the way again, and at 6:30 p. m. the party arrived at Forked River—dirty, hungry, but happy.

The following morning the yacht Evelyn took the party to the fishing grounds, where the weakfish entertained some members of the party more than others, but there was constant laughter as one humorous incident followed another. About 100 fish were caught by the party, Chas. Scott and John Miesem carrying off the honors with about 50 between them, and the other half of the haul about equally divided between the other members of the party.

The second day, following a pre-breakfast attempt to lure the pickerel from the waters of Forked River, by four members of the party (result, one pickerel) the start was made for a 20-mile sail to Barnegat light, where every indication showed that bluefish were about. Seven large ones, averaging eight pounds, together with a goodly number of bass, fluke and poogi were in the haul when the party returned to the hotel at 3:30 in the afternoon and prepared for the homeward journey.

The merry party included the following: John Miesem, Wm. Siebrecht, Sr.; Wm. P. Ford, Joseph Fenrich, H. C. Riedel, Chas. Scott, Peter Jacobson, Wm. Duckham, Chas. H. Totty, Roman J. Irwin and A. J. Guttman. Roman J. Irwin was the official photographer and the accompanying illustration shows that he was right on the job, and the members of the club are taking advantage of their license to tell "real fish stories"—and back them up with the evidence. A. J. G.

More About New York Bowling.

John Miesem, W. H. Siebrecht, Wm. P. Ford, P. Jacobson, C. H. Totty, W. H. Duckham, Roman J. Irwin, A. J. Guttman, J. S. Fenrich, C. W. Scott and H. C. Riedel, enjoyed their fishing outing at Barnegat Bay, on the Jersey shore, July 29-30. They went by train and boat to Highland Beach, and there they were met by Capt. Jos. Fenrich, and taken in automobiles to Mr. Fenrich's Bradley Beach home and served with refreshments by Mrs. Fenrich. From there they motored to the Forked River house at Forked River, N. J.

There were 49 weak fish caught on Thursday in the bay and 39 blue fish, fluke and sea bass caught on the outside Friday, several of the blue fish weighing from five to eight pounds.

The party left Friday afternoon, motoring to Asbury Park and returned by train to New York. All hands agreed that it was a very successful outing, but John Donaldson's absence was very noticeable.

H. C. RIEDEL, Secy.

Cleveland Flower Show Judges.

The premium committee of the Cleveland flower show, made up of Herbert Bate of the Cleveland Cut Flower Company, chairman; Frank A. Friedley of the James Eadie Company, and J. Curnow of Akron (the latter representing the private growers), have just announced the six men who will serve in the capacity of judges at the coming big Cleveland flower show. These six men are: J. F. Ammann, Edwardsville, Ill.; Emil Buettner, Park Ridge, Ill.; Michael Bloy, Detroit, Mich.; Eugene Dailedouze, Brooklyn, N. Y.; John Dunlop, Toronto, Ont., and Wm. Nicholson, Framingham, Mass.

The committee announces that they expect to have the final premium list ready for mailing early in September. They would like to receive names and addresses of growers who did not receive copies of the preliminary list mailed early in the spring. Send addresses to Herbert Bate, 356 Leader building, Cleveland.

Encampment Floral Features at Wash.

In order to make the encampment of the Grand Army of the Republic to be held in Washington, D. C., the latter part of September a great success, government officials are aiding the citizens' committee, and special floral designs are being laid out on the lawns of the capitol and other public buildings. Under the direction of Elliott Woods, superintendent of the capitol building, two designs have been laid out, which will add to the beauty of the grounds. On the north, the grand army badge, 20 feet wide and 75 feet long has been laid out, while on the south grounds the badge of the women's relief corps, of similar dimensions has been reproduced. The grounds of other government buildings have been decorated with designs of army corps' badges. About 75,000 plants have been used in the arrangement.

The Yareta or Vegetable Sheep of Peru.

Professor Irving W. Bailey, who for several years resided at Arequipa, Peru, recently sent to the garden for identification a dried specimen of a very curious plant which is known by the native Peruvians as "yareta" or "vegetable sheep." The plant grows abundantly among rocks at high altitudes along the Andes of Bolivia and Peru, where it constitutes a conspicuous feature in the landscape because of its peculiar manner of growth in developing the so-called "polster" or cushion formation.

Similar compact masses of plant growth are frequently found on high

mountains, as well as in arctic and antarctic regions. Such, for example, are the relatively small clumps or cushions of *Diapensia lapponica* L. on the alpine summits of New England and in northern Europe, also several of the saxifrages in the Rocky Mountains, and the well-known "vegetable sheep" (*Raoulia mammillaris* Hook.) of New Zealand; but nowhere in the world are known to occur such huge masses as are developed by the yareta (*Azorella* sp.) of the Andes and by other members of this genus in the Falkland islands.

It forms hillocks or small mounds often becoming three feet high and sometimes several feet in diameter. Moreover, the entire mound is made up of a single plant, not of a colony of individuals, and it attains this enormous size and extreme compactness by a process of repeated branching, so that the ultimate branches are closely crowded and the outer surface is continuous. The flowers of the yareta are very tiny, only about two millimeters, or less than one-eighth of an inch, long, and are borne in small sessile, axillary, involucre clusters near the tips of the branches; and the fruit is somewhat like a miniature caraway seed.

Like other members of the umbelliferae—the natural family to which the plant belongs—the younger branches are rich in oil-secreting cells and oil tubes, so that the whole structure becomes completely infiltrated with a resinous content. The dried specimen at hand has much the odor of old honeycomb or beeswax. Living specimens are said to have such a powerful odor that their presence can be detected even at some distance from the plant itself. The presence of such a large amount of resinous content and its exudation over the surface renders the yareta of considerable economic value, since it is gathered in quantity, taken to Arequipa and there used extensively for firewood. One correspondent writes that it is "brought down to Arequipa by the carload and forms the principal fuel of that town." —Missouri Botanical Garden Bulletin.

Where the West Begins.

Out where the handclasp's a little stronger,
Out where a smile dwells a little longer,
That's where the West begins.
Out where the sun's a little brighter,
Where the snow that falls is a trifle whiter,
Where the bonds of home are a wee bit tighter,
That's where the West begins.

Out where the skies are a trifle bluer,
Out where the friendship's a little truer,
That's where the West begins.
Out where a fresher breeze is blowing,
Where there's laughter in every streamlet flowing,
Where there's more of reaping and less of sowing,
That's where the West begins.

Out where the world is in the making,
Where fewer hearts with despair are breaking—
That's where the West begins.
Where there is more singing and less of sighing,
Where there is more of giving and less of buying,
And a mau makes friends without half trying,
That's where the West begins.
—G. F. Schlosstein.



ANNUAL OUTING OF WASHINGTON FLORISTS' CLUB, GREAT FALLS, VA., JULY 21, 1915.

OBITUARY.

Nicholas Hallock.

Uncle Nicholas Hallock, the dean of New Yorkers in matters of horticulture and agriculture, died August 5 at Seattle, Wash., and will be placed in the old Quaker burying ground at Milton-on-Hudson, N. Y., Sunday, August 15. "Uncle Nick," as he was long and lovingly known by all the horticultural trade in and about New York, was a rare character, a notable type of that same wholesome Quaker stock so well exemplified in his brother, V. H. Hallock, and in his nephew, the late Edward V. Hallock, so well known and well loved in the S. A. F. Uncle Nick lived at Queens, N. Y., for many years and sold his home farm some years ago to Chas. W. Ward, who named it Cottage Gardens, built greenhouses, and started a nursery there. Last year his neighbors at Milton turned out in large numbers at a surprise party on his eighty-eighth birthday and as a part of the festivities gave him an enormous armful of roses, 88 in number. Of his recent coast trip, which terminated with his death at Seattle, he recently wrote:

"We had a very fine run all the way. Our train went direct to the Grand Canyon for over Sunday. It is not worth trying to describe it to one that has seen it. Since arriving at Pasadena I have done little but see this flowery city, thinking it best to take things a little easy, though I am feeling all right, I want to keep so. I thought Bermuda fine—it is as a tallow candle to an arc light. I find it greatly annoying to see so many things I cannot name and so few that can tell me whom I ask. There is soon to be a flower show here; then I may find out some things. The palms are in such variety no one can name them. In the date palm I recognize two varieties. A lovely little purple flower the girls sell in the street at five cents a bunch. So many of the flowers are gorgeous, but scentless, even calendulas are odorless, so, too, are the roses. Have not seen a scented one yet. The orange groves are of great interest, full of fruit many of them, and the ground covered with fallen fruit. A fine place to rest and leave care behind, as I am doing. We had a fine lot of people after leaving Chicago, got quite chummy before getting here. My hostess said they told her I was the youngest and most jolly man on the excursion. When we got off here our auto went by the observation car and they waved hats and handkerchiefs with a hearty 'good-bye, old sport, good-bye.' So we parted, alas, forever; but the memory will cling with life."

Of his visit to the coast, his dear friend who entertained him, Mrs. Coro Forbes Marsh, writes: "He left Pasadena the picture of health, and also San Francisco, saying he never felt better in his life; but just after reaching Seattle developed pneumonia. Am glad to say that he did not seem to suffer much, as he was unconscious, or at least dozing most of the time. We tried to do everything possible, but the three doctors and two nurses were of no avail and he passed quietly from his earthly sleep to an eternal one. My greatest regret, aside from my purely selfish sorrow of losing such a dear old friend, is that he could not have lived to see his son once more and his old friends. We have lost a wonderfully beautiful life from our midst, but the influence of such a noble spirit can never die. It has been a great privilege to have had 'Uncle Nick' with us these four months and to have seen his joy over the

beauties of the western flowers and mountains. I think no one ever had a better time than he and that is our greatest comfort now. My husband is taking him back to Milton, N. Y., and the services will be held there probably Sunday."

William H. Westcott.

On August 5, William H. Westcott died of heart failure. An operation a year ago weakened his constitution and while he recovered and got about fairly well, his strong constitution had been undermined and he passed away suddenly with this final attack.

Mr. Westcott's father was a gardener, and both his sons, William and John, followed in his footsteps. They became associated in the jobbing business in Brooklyn some 47 years ago. After four years, John Westcott was taken into the firm of Penneck Brothers, and his brother William came to Philadelphia and established himself as a grower and retailer at Second and Tioga streets, where he continued for 20 years. He then gave this up, and again associated himself with his brother John and bought out Ferguson's Laurel Hill nursery on Ridge avenue. After 18 years this partnership was dissolved and he and his son, William, Jr., built greenhouses in Roxboro, at 7043 Ridge avenue and for the past five years have grown plants and cut flowers for the trade. William Westcott was a careful and successful grower, taking pride in doing a few things well rather than taking up more than he could care for. He was of a genial disposition and very much liked by the trade of which a large number attended the funeral. There were quantities of beautiful flowers. He leaves a wife, son, two married daughters and five grandchildren. The business will be carried on by his son, Wm. Westcott.

Alfred C. E. Burkhardt.

Alfred C. E. Burkhardt, one of the pioneer professional florists of Portland, Oregon, died at his home in that city of heart disease brought on by acute indigestion. Mr. Burkhardt had worked all day at his floral shop and did not feel ill until after 8 o'clock. He died a few moments after reaching his home.

William H. Barnes.

William H. Barnes, from 1895 to 1907, secretary of the Kansas State Horticultural Society, with headquarters in Topeka, died in that city July 28, of Bright's disease. He is survived by his wife and eight children. Mr. Barnes was born in New York and served in the war as a member

of a New York battery. He was an enthusiastic G. A. R. man and twice served on the staffs of national commanders. He was for two years president and two years secretary of the American Federation of Horticultural Societies, and a member of the American Pomological society. He located in Kansas in 1870.

Chicago to San Francisco.

The transportation committee of the Society of American Florists announces the selection of the Chicago & Northwestern Ry., in connection with the Union Pacific R. R., Denver and Rio Grande R. R. and the Southern Pacific R. R. as the official route from Chicago to the S. A. F. & O. H. 1915 convention at San Francisco, Calif., August 17-19.

The official train which will leave Chicago at 10:00 p. m., August 12, will consist of all steel equipment, embodying all that is modern in railway travel of today, including luxurious Pullman sleeping cars, with open sections, compartments and drawing rooms.

A low round trip rate of \$62.50, Chicago to San Francisco, with a return limit of three months, but not exceeding December 31, 1915, is in effect daily until November 30, and correspondingly low rates are in effect from other stations to Chicago. These tickets permit a wide choice of routes returning, with liberal stop-over and side trip privileges.

Members of the Chicago party may return east by such individual route as each individual may prefer, with date of departure and stop-over privileges as desired. The route must be selected, however, at the time tickets are purchased.

SCHEDULE.

Lv. Chicago 10:00 p. m. Thursday, August 12, via C. & N. W. Ry.
Ar. Omaha 11:40 a. m. Friday, August 13, via C. & N. W. Ry.
Lv. Omaha 4:20 p. m. Friday, August 13, via Union Pacific Ry.
Ar. Denver 7:30 a. m. Saturday, August 14, via Union Pacific Ry.
Lv. Denver 10:00 a. m. Saturday, August 14, via D. & R. G. R. R.
Ar. Salt Lake City 1:30 p. m. Sunday, August 15, via D. & R. G. R. R.
Lv. Salt Lake City 4:00 p. m. Sunday, August 15, via D. & R. G. R. R.
Ar. Ogden (M. T.) 5:00 p. m. Sunday, August 15, via D. & R. G. R. R.
Lv. Ogden (P. T.) 4:40 p. m. Sunday, August 15, via Southern Pacific Co.
Ar. San Francisco 8:50 p. m. Monday, August 16, via Southern Pacific Co.

Pullman Rates, Chicago to San Francisco.

Lower berth in standard sleeper.....\$13.00
Upper berth in standard sleeper..... 10.40
Compartment 36.50
Drawing room 46.00
Lower berth in tourist sleeper..... 7.00
Upper berth in tourist sleeper..... 5.60

San Francisco Hotel Rates

The following is a list of San Francisco hotels and rates issued by the S. A. F. hotel committee for the information of those who will attend the annual convention at San Francisco, August 17-19, 1915. For further information regarding reservations, etc., write Frederic J. Bertrand, care of Joseph's, 233 Grant avenue, San Francisco, Calif.

Hotel and Location	Rates for One Person		Rates for Two Persons		For Am. Plan Add Per Person
	With Bath	Without Bath	With Bath	Without Bath	
Argonaut, 44 Fourth St.....	\$2.00 to \$3.00	\$1.00 to \$2.00	\$3.50 to \$5.00	\$1.50 to \$2.50	....
*Baldwin, 321 Grant Ave.....	2.00 to 4.00	.....	2.50 to 4.50	.....	....
Bellevue, Geary at Taylor.....	4.00 to 6.00	.....	5.00 to 7.00	.....	\$2.00
*Clift, Geary at Taylor St.....	2.50 to 4.00	.....	4.00 to 6.00	.....	2.00
Court, 555 Bush St.....	2.00 to 6.00	.....	2.50 to 7.00	1.50 to 5.00	2.00
*Fairmout, Calif. at Mason	4.00 to 7.00	1.00 to 4.00	7.00 to 10.00	.....	....
Golden West, 112 Powell St.	2.00 to 3.00	1.50 to 2.50	2.50 to 4.00	2.00 to 3.50	....
Goodfriend, 245 Powell St.	2.00 to 5.00	1.50 to 3.00	2.50 to 6.00	2.00 to 3.50	....
Granada, 1090 Sutter St.....	3.00 to 4.00	2.00 to 3.00	4.00 to 5.00	3.00 to 4.00	2.00
*Hillcrest, 1200 California..	1.50 to 2.50	.....	2.00 to 3.00	.....	2.00
Inside Inn, at Exposition.....	2.50 to 5.00	1.50 to 2.00	4.00 to 7.00	3.00 to 4.00	....
Lankershim, 55 Fifth St.....	2.00 to 4.00	1.50 to 2.00	2.50 to 5.00	2.00 to 3.00	....
Maxx, Powell at O'Farrell..	2.00 to 3.00	2.00 to 3.00	4.00 to 5.00	3.00 to 4.00	....
Palace, Market at Montg'y.	3.00 to 7.00	2.00 to 2.50	5.00 to 10.00	3.50 to 4.00	....
Plaza, Post at Stockton.....	2.00 to 6.00	1.50 to 3.00	3.50 to 7.00	2.50 to 4.50	2.00
Stanford, 250 Kearny St.....	2.00 to 2.50	1.50 to 2.00	3.00 to 3.50	2.50 to 4.00	....
Stewart, 353 Geary St.....	2.50 to 4.00	2.00 to 3.00	4.00 to 6.00	3.50 to 4.00	2.00
St. Francis, Geary at Powell	3.00 to 6.00	2.00 to 4.00	5.00 to 10.00	3.50 to 7.00	....
Turpin, 17 Powell St.....	2.00 to 3.00	1.50 to 2.00	3.00 to 6.00	2.00 to 4.00	....
Victoria, 598 Bush St.....	2.00	1.50 to 2.00	2.50	2.00 to 2.50	....
Washington, Grant at Bush.	1.50 to 2.00	1.00 to 1.50	2.50 to 4.00	1.50 to 2.00

*No rooms without bath.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Illinois State Florists' Association.

The executive committee of the Illinois State Florists' Association will meet at the Jefferson hotel, Peoria, August 31 for the purpose of arranging dates and place for two meetings to be held next year. The committee will be glad to receive suggestions from any member, for the good of the association.

J. F. AMMANN, Sec'y.

New York May Invite S. A. F.

A special meeting of the New York Florists' Club will be held Monday evening, August 16, in the Grand Opera House. Business is to invite the Society of American Florists' convention to New York for 1916 and to hear report of the flower show committee. As the above will have special interest, will our members kindly attend?

HARRY A. BUNYARD, Pres.

American Rose Society.

For the fall exhibition of the American Rose Society to be held at Cleveland, November 10-14, the following special prizes have been offered:

A. N. Pierson, Inc., Cromwell, Conn., \$25 for the best 50 blooms of Hadley. Vaughan's Seed Store, Chicago and New York, silver medal. Lamborn Floral Co., Alliance, O.; silver cup.

W. Atlee Burpee & Co., Philadelphia, Pa.; \$10 cash. Robert Scott & Son, Sharon, Pa.; \$25 cash for 50 blooms Killarney Brilliant.

These prizes are specials in addition to those of the regular list and in all probability there will be a number of more added. There is much interest arising in this exhibition, and there are two prizes to be offered for the best un-named rose that will be placed upon exhibition.

BENJAMIN HAMMOND, Sec'y.

Belgian Plants.

With reference to fall shipments of azaleas and other Belgian plants, which were under embargo by the British authorities, we are pleased to be able to now advise definitely that shipments will arrive this fall on schedule time from Belgium, unless the German authorities intervene or the progress of the war disrupts the present arrangements.

The plan worked out is that permits are given by the British authorities to individual Belgian shippers, when proof is submitted that the stock is of Belgian origin and production, for Belgian interests, and that the enemies of Great Britain do not get any revenue or benefit from the sales. The proceeds of the sales remain in control of the British authorities so long as the Belgians remain under control of the Germans. It was largely by reason of the pressure brought to bear on the British authorities by the Belgian shippers that permission was given. The Belgian shippers through their powerful organization—"The Chambre Syndicale des Horticulteurs Belges" protested direct to the British authorities, and in this protest we understand they were assisted by the British National Organization of Florists.

From our side, protest to the embargo was made through the state department by the New York Horticultural Importers' Association, assisted by individual importers and backed by the powerful Merchants' Association of

New York. The combined pressure, strong but just, caused the British authorities to investigate, with the result that Belgian shippers who have secured permits can ship their orders to the United States.

This decision is important to florists who depend largely upon azaleas for their Christmas and Easter sales, but still more so to the Belgian shippers, since the United States is practically the only market left open to them.

McHUTCHISON & Co.

Greenhouse Maintenance Cost.

During the past few years the matter of cost systems and the proper distribution of expense in the florists' business have been the subject of much thought and discussion, and a summary of a statement of the cost of maintaining a greenhouse range of approximately 55,000 feet of glass for a period of one year ending August 1, 1915, the establishment being devoted to growing stock for the retail trade, will no doubt be of interest to our readers. The condensed summary taken from the statement of the owners of the range is as follows:

Christmas goods	\$ 1,267.86
Supplies	1,642.45
Plants	1,416.47
Cut flowers	1,232.60
Bulbs	689.44
City water	194.19
Legal expenses	183.80
Taxes and insurance	769.41
Interest	425.40
Advertising, print'g, postage	1,953.56
Labor	11,353.16
Freight, express and dray	1,052.74
Repairs	455.35
Construction	3,182.13
Coal	1,691.50
Coal hauling	366.96
Coal freight	1,184.46
Telephone toll	128.67
Light	74.12

Total.....\$29,264.27

Deducting from this total the cost of construction and labor on same, in all \$3,521.90, the cost of maintenance proper amounts to \$25,742.37. The net sales for the year were \$30,631.92, the dividend was \$1,900 and the net profit for the year \$2,989.50.

San Francisco Convention Garden Exhibits

The exhibits in the convention garden included the following:

H. Plath	250 square feet
Eric James	250 square feet
Santa Barbara Nursery Co.	250 square feet
Frank Pelicano	250 square feet
Cottage Gardens Nursery Co.	2500 square feet
Domoto Bros.	1500 square feet
Howard & Smith	1500 square feet
MacRorie-McLaren	1000 square feet
Henry W. Turner	500 square feet
W. Atlee Burpee & Co.	500 square feet
Hillsborough Nurseries	500 square feet
W. F. Kasting Co.	300 square feet
Ferrari Bros.	250 square feet
Fred Grobe	200 square feet
Chas. H. Totty	500 square feet
Henry A. Dreer, Inc.	200 square feet
Swiss Floral Co.	100 square feet
Vaughan's Seed Store	1000 square feet
Hogan & Kooyman Co.	100 square feet
B. Gill Nursery Co.	

My California.

"My California!" where the palm and pepper Side by side in idle breezes sway.
 "My California!" where the copper sunset Links the silver night to golden day.
 "My California!" where the peaks of purple Like dream mountains in a dream sea drift.
 "My California!" where ilke scenes in stage-land, Wondrous painted shadows slip and shift.
 "My California!" where the good monk's phanton Lingers, by the ruined mission's wall.
 "My California!" from whose mountain passes Voices of dead bandits seem to call.
 —Marion Ethel Hamilton.

THE annual convention of the Association of American Cemetery Superintendents will be held at Minneapolis, Minn., August 24-27.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

October 21-26, San Francisco, Calif.—Fall Flower Show, Pacific Horticultural Society in conjunction with the Chrysanthemum Society of American and the Department of Horticulture of the Panama-Pacific International Exposition, Palace of Horticulture, Exposition Grounds, T. Taylor, secretary, 2714 McAllister street, San Francisco.

November 3-5, New York.—Exhibition of flowers, plants, fruits and vegetables, American Institute of New York, 25-33 West Thirty-ninth street, W. A. Eggleston, secretary board of managers, 324 West Twenty-third street, New York.

November 3-5, Tarrytown, N. Y.—Exhibition of the Tarrytown Horticultural Society, Music hall, Edward W. Neubrand, secretary, Tarrytown.

November 4-5, Worcester, Mass.—Chrysanthemum exhibition, Worcester County Horticultural Society, Horticultural hall, L. C. Midgley, secretary, 18 Front street, Worcester.

November 4-7, Boston, Mass.—Autumn exhibition of plants, flowers, fruits and vegetables, Massachusetts Horticultural Society, Horticultural hall, Wm. P. Rich, secretary, 300 Massachusetts avenue, Boston.

November 9-14, Chicago.—Chicago Grand Floral Festival, Horticultural Society and the Chicago Florists' Club, Coliseum, N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

November 10-14, Cleveland O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum, Frank A. Friedley, secretary, Exhibition Committee, 356 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel, Ernest K. Thomas, secretary, Box 180, Kingston, R. I.

March 25-April 2, Philadelphia, Pa.—Fourth National Flower Show, under the auspices of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

November 5-8, Stamford, Conn.—Annual exhibition, Westchester & Fairfield Horticultural Society, J. B. McArdle, Greenwich, Conn., secretary; Henry Wild, Riverside, Conn., exhibition manager.

November 9-12, Philadelphia, Pa.—Chrysanthemum show, Pennsylvania Horticultural Society, Horticultural hall, Broad street below Locust, David Rust, secretary.

Society of American Florists.

MEMBERSHIP BY STATES.

States—	1912	1913	1914
Alabama	15	14	13
Arkansas	..	2	2
California	60	50	50
Colorado	25	23	23
Connecticut	20	26	34
Delaware	..	..	1
District of Columbia	20	23	26
Florida	4	5	5
Georgia	7	8	7
Idaho	1	2	2
Illinois	189	156	135
Indiana	45	39	38
Iowa	37	42	26
Kansas	7	5	5
Kentucky	18	14	16
Louisiana	10	8	5
Maine	9	10	11
Maryland	47	45	44
Massachusetts	98	118	229
Michigan	59	52	49
Minnesota	35	39	49
Mississippi	2	1	1
Missouri	64	62	59
Montana	1	2	2
Nebraska	10	11	22
New Hampshire	6	5	9
New Jersey	60	67	64
New York	218	246	256
North Carolina	5	8	7
North Dakota	..	3	4
Ohio	114	99	94
Oklahoma	1	1	5
Oregon	2	3	16
Pennsylvania	162	152	159
Rhode Island	6	6	9
South Carolina	3	3	3
South Dakota	1	6	3
Tennessee	5	4	5
Texas	10	14	20
Utah	1	1	1
Vermont	1	1	3
Virginia	14	12	11
Washington	1	4	4
West Virginia	5	4	5
Wisconsin	33	40	35

CANADA.

Alberta	2	1	3
Manitoba	3	7	4
Ontario	7	8	8
Quebec	5	8	8

FOREIGN.

Holland	1	2	2
Germany	..	1	..
Cuba	..	..	1

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address Key 529, care American Florist.

Situation Wanted—By all-round florist, designer; German, single, 25; 10 years' experience; good references; state wages. W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 539, care American Florist.

Situation Wanted—Specialist in roses carnations, mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience. GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address Key 524, care American Florist.

Situation Wanted—Experienced sales lady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—Private or commercial place. 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST, 61 W. Ontario st., Chicago.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter. RUGBY GREENHOUSES, Rugby, N. D.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address Key 523, care American Florist.

Help Wanted—Good all-around foreman to take charge of store and 13,000 feet of glass in Iowa town. Five-room cottage and free fuel. Salary, \$15.00 to \$18.00 per week to start. Also a good all-around single man to take charge of store and 4,000 feet of glass in another Iowa town at \$15.00 per week. Owner now in Chicago, ready to make arrangements with responsible parties. For further information call up Harrison 7465 immediately or address special delivery letter to Key 546, care American Florist.

For Sale—Good retail florist store; reasonable; north side, Chicago. Address Key 545, care American Florist, Chicago.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—Small, completely equipped and well stocked nursery in Middle West, short distance from Twin Cities. \$10,000 cash will handle. Address for further particulars Key 540, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—Fine paying retail business in the heart of La Crosse, Wis.; established over 20 years, same location; residence and greenhouse in connection if desired. Reason for selling, owner wishes to retire. Chance of lifetime for right party. For further particulars address Key 537, care American Florist.

Notice—I want to buy a good retail store in Chicago or suburbs. For further particulars address Key 543, care American Florist.

Wanted to Buy—Retail greenhouses, dwelling, laud. Full particulars, price, terms. Box 248, New Rochelle, N. Y.

Wanted to Rent, Lease or Buy—From 5,000 to 15,000 feet of glass, near Chicago, preferably west of city. Must be available for immediate occupation. Communications considered confidential. Please state facts only. Address Key 542, care American Florist.

Notice, Mr. Florist—After ten years' experimenting I can now protect you against loss, save the 400 to 500% the wholesaler makes off of you on special days, reduce your ice bills one-half, with one of my compartments. Guaranteed to keep cut flowers fresh 20 to 110 days, will fit in any display cabinet, any size from 10 dozen up. Price \$5.00 per dozen; 100 dozen capacity or over, \$3.00 per dozen. Half price on all orders before September 15th. Half down, balance after 30 days trial. Give inside dimensions with order. Each compartment of 10 dozen capacity occupies only 6 cubic feet. Reference, O. E. Amundson (Florist), 409 Hennipin Ave., Minneapolis. Address E. F. Worrall, 5815 Nicollet Ave., Minneapolis, Minn.

HELP WANTED

A competent, reliable man to take charge of a country suburban place of about 130 acres; must have thorough knowledge of trees, plants, flowers and shrubbery; good recommendation required.

M. C. HEATH, COLUMBIA, S. C.

Foreman Wanted

Good all around man to take charge of 100,000 feet of glass devoted to roses, carnations, chrysanthemums and pot plants.

Sinner Bros., 158 N. Wabash Ave., CHICAGO, ILL.

THE Annual Meeting of the Florists' Hail Association will be held at the Civic Center Auditorium, Hayes and Larkin Sts., San Francisco, California, at 9 a. m., Thursday, August the 19th, 1915.

JOHN G. ESLER, Sec'y.

NOTICE

—OF—

STOCKHOLDERS' MEETING

CHICAGO, July 17, 1915.

Stockholders of the American Florist Company

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel St. Francis, San Francisco, Calif., Wednesday, August 18, 1915, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

Winter Flowering Sweet Peas Spencer Types

Our expert California seed growers have spent much time "rogueing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

Novelty Yarrowa

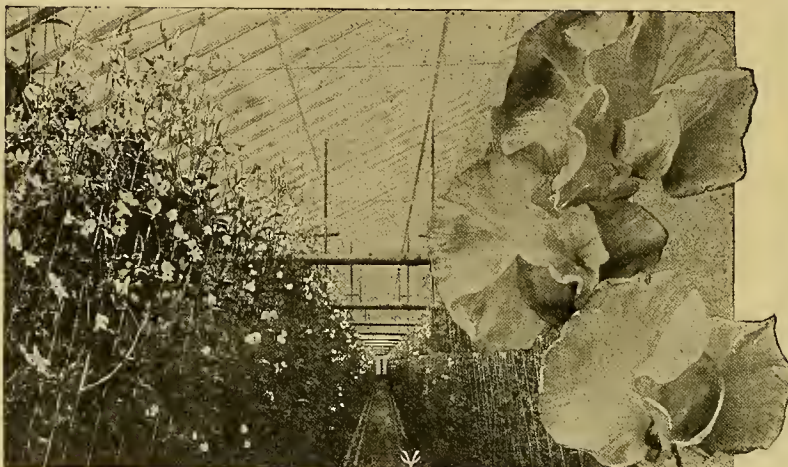
The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long, stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., ¼ oz., 50c.

Selma Swenson

A beautiful clear light soft pink waved petals, strong grower and good forcer, originated by Mr. August Swenson, and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; ¼ oz., \$2.50.

Rose Queen

A Christmas flower, rose pink Spencer, a popular Indianapolis novelty. Our seed grown and saved from originator's stock. Oz., \$10.00; ¼ oz., \$2.50.



	Oz.	½ oz.	¼ oz.	Tr. pkt.		Oz.	½ oz.	¼ oz.	Tr. pkt.
Anita Wehrman. Clear lavender.....	\$8.00	\$4.00	\$2.00		Orchid Beauty. Dark rose, blushed				
Mrs. A. A. Skaach. Bright shell pink	1.75		.50		with orange.....	\$2.00		\$0.50	
Mrs. J. Manda. Light shell pink.....	2.00		.50		Pres. Woodrow Wilson. Magenta				
Mrs. Woodrow Wilson. Apple-					rose.....	2.00		.50	
blossom pink.....	2.00		.50		Rose Queen. Rose pink.....	10.00	\$5.00	2.50	
Pink and White	1.50		.50		Venus White, pink wings	2.00		.50	

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz., 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., **Chicago**

Los Angeles. CLUB MEETING.

The monthly meeting of the Los Angeles County Horticultural Society was held August 3, in Kruckeberg hall, and the feature of the session was an address by P. D. Barnhart, one of the best posted authorities on horticulture in this section. He chose for his subject "The Trials of a Gardener," and his hearers who thought he intended to dwell on the trials and troubles encountered in the care of plants soon found they were wrong, for the theme of his talk was the relations between the employer and the gardener. Mr. Barnhart told of many experiences with different employers, emphasizing the fact that the employer seldom knew the habits and characteristics of plants, and in forcing the gardener to do certain things, dissatisfaction was the result when the plant was unsatisfactory at maturity. The speaker advocated a closer confidence between employer and the gardener, which would bring about the giving to the latter of more latitude in his work, a longer time to produce results that would be satisfactory, rather than holding him down to a certain time limit, with fertilizers, water and insecticides. After his talk there was a spirited discussion, following which a vote of thanks was tendered Mr. Barnhart. Jacob Dieterich was appointed by the chair to tell what he saw and heard at San Francisco, and his description was listened to with interest.

As the annual picnic has been abandoned for this season, the chair appointed Jas. M. Grant, chairman; Ja-

cob Dieterich, W. W. Felgate, Jas. MacGillivray and Hal S. Kruckeberg as a committee to go into the matter of holding smokers once a month at different cafes. The idea of the smoker is to enable the boys to get together, have a good time, and each member attending, share his portion of the expense, thereby leaving the treasury intact. Treasurer MacGillivray gave his semi-annual report, which was indeed gratifying to all members. The balance in the bank is well up and the dues are coming in very promptly. No doubt this is due to the special attention that Mr. MacGillivray is giving his office. C. H. Corbrey, Joe Jarvis and John Polder were proposed for memberships in the society and favorably acted upon.

A specimen leaf was brought in for identification, and after passing several experienced authorities, it was pronounced as a member of the solanum family. J. Roberts was final and called it Solanum robustum. The leaf was some eight or ten inches long and about three inches wide. When the leaf is matured there is a row of thorns on the back and down the midrib. The flowers are small and purple; about Christmas time the berries, which are about the size of a small cherry, turn a beautiful red.

NOTES.

A. G. Bartlett, of Hollywood, has a Castanospermum australe in bloom and invites all interested to see the tree. The flowers are borne on the body and branches of the tree, instead of on the new wood or the wood of the previous year's growth.

Fred H. Howard of Howard & Smith

states that in spite of the dull times they have done the largest business for the season in the history of the firm. His only complaint is the slowness of collections.

The Pasadena Horticultural Society will hold its annual fall flower show, October 28-30. The schedule can be had of Secretary Geo. H. Kennedy, 497 Bradford street, Pasadena, Calif.

Walter Armacost, Ocean Park, states that business at the beach town is better than in the past and looks for a great improvement this fall and winter.

C. L. Washburn, of Bassett & Washburn, Chicago, who has been visiting in California, spent two days in this city visiting florists and nurseries.

Miss Florence Yoch, who is on her vacation, will open offices in this city to take up the practice of landscape architecture on her return.

Chas. A. Chambers, formerly of the Fresno Nursery Co., of Fresno, has been on a vacation at San Diego.

The Dean Iris Gardens have just issued their revised price list, listing over 500 varieties of the iris.

HAL S. KRUCKEBERG.

HUNTINGTON, W. VA.—Advice from florists in all parts of the United States is being sought by the local chamber of commerce in an effort to make the best selection of a flower emblematical of this city. A red flower is desired, which will bloom about the time of the 1916 fall festival. Seeds will be given out next spring so that flowers can be planted in every section of the city.

Retail Florists

PLACE YOUR BUSINESS BEFORE MORE PEOPLE

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **Effective Advertising**.

Write us for our sample folders, cuts and slides for advertising:

Fall Planting

Fall Announcement

Thanksgiving

Christmas

St. Valentine's Day

Easter

Mother's Day

Spring Planting

Memorial Day

Social Occasions

**Our Fall Planting and Fall Announcement Folders
Are Ready for Distribution. Get your Sample Today.**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **Retail Florists**.

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.,

HIGH GRADE FLORAL PUBLICITY

224 SOUTH MICHIGAN AVENUE, CHICAGO, ILL.

PLANT A LIVE ONE

AVIATOR

THIS WONDERFUL NEW CARNATION

was placed on the market for the first time last season, but was withdrawn later and afterwards came into our possession, when we leased the Chicago Carnation Co.'s greenhouses. Aviator is the greatest money maker for any one to grow. You can count more profits in six months from Aviator than any other scarlet, on account of its wonderful productiveness, producing twice as many blooms as any other carnation, and a heavy crop for Christmas. Will produce 30 blooms per plant per season. The color is an intense scarlet and the flower has a fine full center. The stem is thin, wiry and stiff, and the calyx non-bursting. Aviator is a cross between a Red Sport of Maceo and a Red Seedling, and has the habit of Maceo. Every break develops into a fine flower in a remarkably short time.

Booking Advance Orders Now For Rooted Cuttings.
Price, \$12.00 per 100; \$100.00 per 1000.

J. D. Thompson Carnation Co.
JOLIET, ILLINOIS

Pittsburgh.

HEAVY OVERSUPPLY FINDS NO SALE.

The market has been very quiet during the past week and many flowers had to be thrown away unsold, as cuts on asters, roses and carnations still remain very heavy. It were better not to mention gladioli, as they can be had anywhere by the thousands, and it is disgusting the way such large fancy spikes are being sold for little more than nothing. Of course the poor stock does not stand the ghost of a chance, and very often entire shipments are compelled to be thrown away without any sales. Lilies are selling well and bring fair prices considering what the other flowers are bringing. The sweet peas in this section have all been destroyed by the heavy rain storms we have had up until this week. American Beauties are scarce and command tip-top prices, as most of the growers are off crop for the summer months. The vacation season, especially among the wholesalers, is drawing to a close, as trade is expected to pick up again within a few weeks.

NOTES.

We are very sorry to announce the death of Otto Loeffler, of 1005 Chestnut street, North Side, who for three years had been in the employ of the McCallum Co. as a salesman. Mr. Loeffler died August 4 from a very short siege of galloping consumption. Funeral services were held August 7 in St. Mary's Catholic church, with interment at St. Mary's cemetery, Mt. Troy.

The festive feature of the past week was the Market House picnic at West View park, which was preceded by a large parade, in which the Blind Floral Co., Ludwig Floral Co., E. C. Ludwig Floral Co., Annie Garrity, Carrie Jordan and Thos. Joyce all had massive floats. Business at the three Pitts-

burgh markets was suspended for the entire day.

Wm. Loew and his brother have left for the convention and exposition at San Francisco, expecting to make a stay of eight weeks. I. V. Kinder, of Charleroi, also left August 4 for the same destination and announces that his son, Warren, has opened a retail store in Donora.

George Marshall, of the McCallum Co., is resting up "on the farm" near Warren, Ohio. Geo. McCallum is spending a week in camp at Negley, Ohio, on the Connequenessing river.

Wm. Turner is spending six weeks motoring through the eastern cities in his Studebaker. Wm. Colligan has just returned from a similar trip in his machine.

W. A. Clarke of the Pittsburgh Cut Flower Co., is spending his "principal" vacation at his summer cottage at Stowe, N. Y., on the shores of Chautauqua lake.

J. M. Johnston contemplates the opening of a new retail store in Duquesne. He is at present operating stores in Homestead, Braddock and McKeesport. G. M.

St. Louis.

Dullness in all branches of the trade is reported. There is no outlet for flowers except funeral work and an occasional anniversary. Everything is coming in, carnations from the field, roses, gladioli and lilies.

NOTES.

Mrs. M. M. Ayres, who is retiring from business, and who is the sole lady member of the florists' club, will tender her resignation at the next meeting. Mrs. Ayres has for many years been one of the foremost florists and her retirement from the active field will be regretted by many.

The next club meeting will be held

at the home of Joe Hauser, Webster Groves, where the election of officers will take place.

Wm. C. Smith Wholesale Floral Co. had a large supply of seasonal flowers from local growers.

H. G. Berning had a large stock in all reasonable varieties of plants and flowers last week.

C. A. Kuehn had his tables well filled with all varieties in cut flowers the past week.

All the wholesale houses are painting and making repairs to prepare for fall work.

The feature at Shaw's Garden this week is the splendid water lily display.

Joseph J. Windler and Miss Bernice Olga Poss were married August 4.

Otto Bruening dislocated his arm while cranking his delivery car.

Visitors: Morris Levine, of Lion & Co., New York, and Jos. E. H. Moriehard, with S. S. Pennock-Meehan Co., Philadelphia, Pa.

W. F.

ST. PETER, MINN.—Fire, caused by a bolt of lightning, completely destroyed the heating plant and office building of the St. Peter Greenhouses. The loss is nearly \$5,000; insured.

HOUSTON, TEX.—George E. Kessler, consulting landscape engineer, among other suggestions for the park development in this city, has recommended that a range of greenhouses for the growing of plants and shrubs for the city parks be erected under the supervision of the park superintendent.

NEW ORLEANS, LA.—Several business propositions of an urgent nature which will require his presence in this city will prevent Harry Papworth, president of the Metairie Ridge Nursery Co., Ltd., and S. A. F. state vice-president for Louisiana, from attending the San Francisco convention August 17-19.

ORDERS PLACED NOW FOR

Pandanus, Crotons, Dracænas and Ferns

Will Be Big Money-Makers to Both Retailers and Growers

NEPHROLEPIS SCHOLZELI

4- inch pots, heavy, \$20 per 100; \$180 per 1,000
 6- inch pots, heavy, \$6 per doz.; \$45 per 100
 11- inch tubs\$24 and \$30 per doz.

NEPHROLEPIS ELEGANTISSIMA IMPROVED

4- inch pots\$20 per 100
 6- inch pots\$6 per doz.
 Larger plants\$2, \$2.50, \$3 and \$3.50 each

NEPHROLEPIS TODEAOIDES

4- inch pots.....\$20 per 100; \$180 per 1,000
 6- inch pots\$6 per doz.
 9- inch and 10-inch tubs, \$24, \$30 and \$36 per doz.

NEPHROLEPIS SMITHII

2 1/4- inch pots.....\$8 per 100; \$75 per 1,000
 4- inch pots.....\$20 and \$25 per 100
 5- inch pots.....\$5 per doz.

NEPHROLEPIS BOSTONIENSIS WM. K. HARRIS

6- inch pots.....\$6 per doz.; \$45 per 100
 11- inch tubs.....\$2, \$2.50, \$3 and \$4 each

NEPHROLEPIS ROBUSTA (New)

2 1/4- inch pots, strong plants, \$8 per 100; \$75 per 1,000
 4- inch pots, strong plants, \$20 per 100; \$180 per 1,000
 6- inch pots, strong plants.....\$50 per 100
 11- inch tubs\$3 and \$3.50 each

NEPHROLEPIS SCOTTII

11- inch tubs.....\$2, \$2.50 and \$3 each

NEPHROLEPIS ELEGANTISSIMA COMPACTA

4- inch pots.....\$20 per 100
 6- inch pots.....\$6 per doz.

NEPHROLEPIS TUBEROSA PLUMOSA

2 1/4- inch pots.....\$8 per 100; \$75 per 1,000
 4- inch pots\$20 per 100
 6- inch pots\$50 per 100

ASPARAGUS PLUMOSUS NANUS

2 1/4- inch pots.....\$4 per 100; \$35 per 1,000
 3- inch pots.....\$7 per 100; \$65 per 1,000
 4- inch pots.....\$12 per 100; \$110 per 1,000

ASPARAGUS LUTZI

4- inch pots, heavy, 60c each; \$7.50 per doz.; \$50 per 100
 5- inch pots, heavy, \$1.00 each; \$10 per doz.; \$75 per 100

ADIANTUM HYBRIDUM

2 1/4- inch pots.....\$6 per 100; \$50 per 1,000
 4- inch pots\$20 per 100
 11- inch tubs\$24 per doz.

FICUS UTILIS

A species that came to us through the Botanical Gardens at Washington, D. C., which promises to be a valuable addition as a decorative house plant. The leaves are thick and leathery and are from 18 inches to 24 inches long, one-half as wide, of a rich, holly-green color, with midrib and veins of an ivory white, which stand out prominently.
 6-inch pots, 24 inches tall.....\$2 each
 Larger plants.....\$3, \$4 and \$5 each

GARDENIA VEITCHII

These are very strong plants and will make grand stock for winter blooming.
 2 1/2- in. pots, heavy...\$8 per 100; \$75 per 1,000
 4- in. pots, heavy...\$20 per 100; \$150 per 1,000
 6- in. pots, heavy, in bud and flower, \$9 per doz.
 6- in. pots, heavy, in bud, \$12, \$15 and \$18 per doz.

POINSETTIAS

The dark variety. Extra strong stock.
 2 1/4- inch pots.....\$7 per 100; \$60 per 1,000

CYCLAMEN

This has been one of our specialties for over twenty years. This year we are growing over 125,000 plants. Craig Cyclamen are now considered best. We are now hooking orders for strong plants from
 2 1/4- inch pots.....\$8 per 100; \$75 per 1,000
 3- inch pots.....\$25 per 100; \$225 per 1,000
 4- inch pots.....\$25 per 100; \$225 per 1,000

BEGONIAS

Begonia Gloire De Lorraine

2 1/2- inch pots.....\$15 per 100; \$135 per 1,000
 3- inch pots.....\$25 per 100
 4- inch pots.....\$35 per 100

BEGONIA KONKURENT

A Greatly Improved Begonia Cincinnati

The above variety is a German introduction, and we have tried it for three years. It makes a much better shaped plant than Cincinnati, is freer flowering, more shapely and, next to Norwood, is the best-keeping Begonia we have ever handled; the original flowers remaining on the plants for several months.
 We offer strong plants.

2 1/4- inch pots.....\$25 per 100; \$200 per 1,000
 4- inch pots.....\$50 per 100

DRACAENA STRICTA GRANDIS

2 1/4- inch pots.....\$20 per 100
 3- inch pots.....\$35 per 100
 4- inch pots.....\$50 per 100
 5- inch and 6-inch pots, \$9, \$12, \$15, \$18 and \$24 per doz.

DRACAENA AMABILIS

2 1/4- inch pots.....\$20 per 100
 3- inch pots.....\$35 per 100
 4- inch pots.....\$50 per 100
 5- inch pots.....\$9 and \$12 per doz.
 6- inch pots.....\$15 and \$18 per doz.

DRACAENA CRAIGHI

Small plants, 4-inch pots.....\$1 each

DRACAENA MASSANGEANA

4- inch pots.....\$7.50 per doz.; \$50 per 100
 6- inch pots.....\$15 and \$18 per doz.
 8- inch pots.....\$24 and \$30 per doz.
 11- inch tubs, very handsome, \$3.50, \$4, \$5 and \$6 each

DRACAENA LORD WOLSELEY

2- inch pots.....\$12 per 100
 3- inch pots.....\$25 per 100
 4- inch pots.....\$35 per 100
 5- inch pots.....\$9 per doz.
 6- inch pots.....\$12 per doz.

DRACAENA TERMINALIS

2 1/4- inch pots.....\$10 per 100
 3- inch pots, strong plants.....\$25 per 100
 6- inch pots.....\$12 per doz.

DRACAENA BAPTISTII

2 1/4- inch pots.....\$20 per 100
 6- inch pots.....\$1, \$1.25 and \$1.50 each

DRACAENA SHEPHERDII

6- inch pots, heavy.....\$12 and \$15 per doz.

DRACAENA GLADSTONEI (Rare)

2 1/4- inch pots.....\$20 per 100
 4- inch pots.....\$6 per doz.
 5- inch pots.....\$9 per doz.
 6- inch pots.....\$12, \$15 and \$18 per doz.

DRACAENA GODSEFFIANA

2 1/4- inch pots.....\$10 per 100
 3- inch pots.....\$15 and \$20 per 100
 4- inch pots.....\$25 per 100

DRACAENA SANDERIANA

2 1/4- inch pots.....\$15 per 100

DRACAENA KELLERIANA

2 1/4- inch pots.....\$12 per 100
 3- inch pots.....\$20 per 100
 4- inch pots.....\$35 per 100
 7- inch pots, made up...\$18 and \$24 per doz.

DRACAENA FRAGRANS

4- inch pots.....\$35 per 100
 4- inch pots.....\$6 and \$9 per doz.
 8- inch tubs.....\$18 per doz.
 10- inch tubs.....\$2 and \$2.50 each

DRACAENA GUILFOYLEI (Rare)

2 1/4- inch pots.....\$20 per 100
 4- inch pots.....\$6 per doz.
 5- inch pots.....\$9 per doz.
 6- inch pots.....\$12 per doz.

DRACAENA TITWORTHII (Rare)

2 1/4- inch pots.....\$20 per 100
 4- inch pots.....\$6 per doz.
 5- inch pots.....\$9 per doz.
 6- inch pots.....\$12, \$15 and \$18 per doz.

DRACAENA ANERLEYENSIS (Rare)

2 1/4- inch pots.....\$25 per 100
 4- inch pots.....\$50 per 100
 5- inch pots.....\$9 per doz.
 6- inch pots.....\$12 per doz.

DRACAENA IMPERIALIS (Rare)

2 1/4- inch pots.....\$20 per 100
 4- inch pots.....\$50 per 100
 5- inch pots.....\$9 per doz.
 6- inch pots.....\$12 per doz.

DRACAENA MARGUERITE STORY

2 1/4- inch pots.....\$20 per 100

DRACAENA KNERKII

2 1/4- inch pots.....\$20 per 100

DRACAENA SUPERBA

2 1/4- inch pots.....\$20 per 100

PANDANUS VEITCHII

5- inch pots.....\$0 per doz.
 8- inch pots.....\$30 and \$36 per doz.
 11- inch tubs.....\$3.50, \$4.00 and \$5.00 each

PANDANUS UTILIS

4- inch pots, strong plants.....\$25 per 100
 6- inch pots, strong plants, \$50 and \$75 per 100

CROTONS

The Croton, with its highly-colored foliage, is indispensable during spring and summer. We have the largest and most complete collection of Crotons in the world, carrying at the present time for spring sales over 50,000 plants, in over 200 varieties, all of the very highest quality and brilliantly colored.
 2 1/2- inch pots, strong plants, \$20 per 100; \$175 per 1,000
 4- inch pots, strong plants, \$30 per 100; \$275 per 1,000
 5- inch pots, strong plants, \$50, \$75 and \$100 per 100
 6- inch pots, strong plants, \$12, \$15, \$18 and \$24 per doz.
 7- inch pots, strong plants, \$24, \$30 and \$36 per doz.
 8- inch pots, made up beautiful plants, \$24, \$30 and \$36 per doz.
 10- inch pots, made up beautiful plants, \$5, \$6 and \$7.50 each
 12- inch and 14 inch tubs, made up beautiful plants.....\$10 and \$15 each

ROBERT CRAIG COMPANY,
 4900 Market Street, PHILADELPHIA, PA.

CHRYSANTHEMUMS

Special Clean-Up Price

\$18.00

	WHITE	
	2½-inch per 100	per 1000
Elsie Papworth, late.....	\$3.00	\$18.00
October Frost, late.....	3.00	18.00
W. H. Chadwick, late.....	3.00	18.00
Timothy Eaton, late.....	3.00	18.00
Oconto, midseason.....	3.00	18.00
Alice Salomon, midseason.....	3.00	18.00
Virginia Poehlmann, midseason....	3.00	18.00
Bronze		
O. H. Kahn, late.....	3.00	18.00

	Red	
	2½-inch per 100	per 1000
Schrimpton, late.....	3.00	
Pink		
McNiece, early.....	\$3.00	\$
Enguehard, late.....	3.00	
Maud Dean, late.....	3.00	
R. E. Loeben, late.....	3.00	
Patty, late.....	3.00	
Wells' Late Pink.....	3.00	

PON

Extra fine 2½-inch stock in the best star

	Per 100	Per 1000		Per 100	Per 1000
Krut, large early yellow.....	\$3.00	\$25.00	Klondyke, late yellow.....	\$3.00	\$
Skibo, early bronze.....	3.00	25.00	Mike Gabel, early yellow.....	3.00	
Big Baby, late yellow.....	3.00	25.00	Baby, small late yellow.....	3.00	

GRAND CLEAN-UP PRICE

GRAFTED, 3½-inch Stock.		Per 1000	OWN ROOT, 3½-inch Stock.		Per 1000
2600 Hadley, fine.....		\$140.00	Hadley, 475 large; 1700 small.....		\$
150 Bulgaria, fine.....		140.00	Milady, 190 large; 1700 small.....		
100 Cecile Brunner, fine.....		140.00	Cecile Brunner, 100 good.....		
			Bulgaria, 137 good.....		
			Prince d'Arenberg, 190 good.....		

GRAFTED, 4½-inch Stock—Bulg

FIELD-GROWN CARNATION

	Per 100	Per 1000		Per 100	Per 1000
2000 White Wonder, -	\$6.00	\$55.00	1000 White Perfection, -	\$6.00	\$
			10,000 Enchantress, .	6.00	

Select what you need in those listed above and send your order as early as possible. This is pos

POEHLMANN

MORTON GROVE,

MUM PLANTS

The Following Varieties per 1000

Pink

	2½-inch per	
	100	1000
Chieftain, midseason.....	\$3.00	\$18.00

Yellow

Golden Glow, early.....	3.00	18.00
Yellow Salomon, midseason.....	3.00	18.00
Yellow Eaton, late.....	3.00	18.00
Chrysolora, midseason.....	3.00	18.00

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Miss Marvella French, late white,	\$8.00	\$70.00
Miss Pauline Anderson, late yellow	4.00	35.00

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association at Minneapolis.

PONS

varieties only, \$3.00 per 100; \$25.00 per 1000.

	Per 100	Per 1000
La Gravera, late red.....	\$3.00	\$25.00
Guinola, late yellow.....	3.00	25.00
William Dotty, large late pink.....	3.00	25.00

	Per 100	Per 1000
Parkinson, late single yellow.....	\$3.00	\$25.00
Mensa, large late single white.....	3.00	25.00

OWN ROOT ROSE PLANTS.

GRAFTED, 2½-inch Stock. Per 1000

Killarney Brilliant, 575 good.....	\$100.00
Posier Beauty, 100 good.....	\$20.00
Hadley, 1900 large; 1800 small.....	100.00
Bulgaria, 400 large; 200 small.....	100.00
Missell, 6665 small.....	130.00
10 extra fine, per 1000,	\$120.00.

OWN ROOT, 2½-inch Stock. Per 1000

White Killarney, 275 medium.....	\$55.00
Milady, 300 large; 1800 small.....	55.00
Hadley, 1800 large; 1800 small.....	55.00
Bulgaria, 700 good.....	55.00

PLANTS--A1 QUALITY.

	Per 100	Per 1000		Per 100	Per 1000
10,000 Philadelphia, - -	\$6.00	\$55.00	10,000 Champion, - - -	\$6.00	\$55.00
3000 Beacon, - -	6.00	55.00			

our last chance to secure such choice stock as we are offering at such extraordinary low prices

BROTHERS CO.

Long Distance Phone,
Randolph 35

ILLINOIS.

N BROS. CO.

g Distance Phone,
Randolph 35.

CHICAGO, ILL.

FLORISTS' SUPPLIES

Special Offer to Our Customers

A 5% discount will be allowed this month on all orders sent on the order blank inserted in each one of our new catalogs which are now being mailed.

Buy Your Moss Now

Order your supply right now for we have just received several loads of extra fine fully dried Moss, which we are offering at the bargain price of 12 bales for \$10.00.

CYCAS LEAVES

100 assorted leaves varying in size from 12 inch to 40 inch, \$5.00 per 100. Get the low prices and order early.

Magnolia Leaves

medium size, all perfect, \$1.35 per box.

Red Frieze

60 yards to a ball, - 75 cents each.

BASKETS

Special assortment of Baskets from \$5.00 to \$10.00 that will surely please you. Try an assortment today.

Give Us A Trial Order For Supplies

and be convinced that Pochlmann's is the house that endeavors to give perfect satisfaction at all times. If you have not received our catalog, drop us a postal and we will send you one by return mail.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

U. D. Phone Randolph 5449 176 N. Michigan Ave.

Chicago

YOU ARE WELCOME

to make our store your headquarters while you are in Chicago, either before leaving for the San Francisco Convention, after returning or at any other time that you may happen to be in the city.

We are always glad to see you and if you wish to have your mail sent here or want to make appointments to meet your friends at our Wholesale Cut Flower House, go as far as you like—the place is yours. If there is ever anything at all that we can do for you to make your visit here pleasant, just let us know what it is, and we will try very hard to accommodate you.

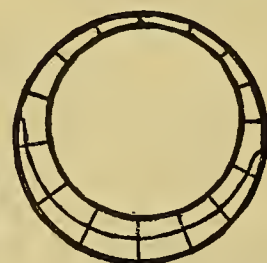


Florists' Wire Work

AT LOWEST PRICES

Buy From the Manufacturers

We carry the largest stock of made up goods in the country. **Society Emblems** of all kinds. **Folding Pillows, Easels** and many other specialties. Note the low prices on a few samples of standard goods.



Wreaths.

6 to 10 in.....	Each	2c to 6c
11 to 18 in.....		7c to 15c

Wreaths on Stand.

10 to 14 in.....	15c to 25c
16 to 24 in.....	20c to 45c

Pillows.

10 to 18 in.....	Each	8c to 16c
20 to 30 in.....		18c to 40c

Easels.

15 to 21 in.....	6c to 10c
24 to 36 in.....	12c to 25c
27 to 42 in.....	14c to 35c

Crosses.

6 to 18 in.....	Each	2c to 8c
20 to 30 in.....		9c to 20c
32 to 36 in.....		25c to 35c

Crosses on Stand.

10 to 20 in.....	12c to 25c
20 to 36 in.....	25c to 85c

Special designs to order. Send for our Illustrated Catalogue.

KOMADA BROTHERS

Florists' Wire Work

1008 Vine Street,

PHILADELPHIA, PA.

Special Convention Month Offer

ASSORTMENT
25

Small Cut Flower Baskets Including Liners

\$7.50

THIS assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in brown, green, fumed oak, antique green and any two-tone effect. **Order Today.**



Convention Travelers and All Visiting Florists

are cordially invited to inspect our Basket Display while they are in the city either before leaving for San Francisco or after returning. To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron. All cars stop right in front of our store. Do not fail to inspect our mammoth line. It is the largest and best ever offered.

Raedlein Basket Co.

713 Milwaukee Ave.,

CHICAGO

THE HOME OF BUDLONG'S FAMOUS "BLUE RIBBON VALLEY"



OUR MOTTO:

HONEST DEALINGS

GOOD VALUES

We aim to **please** in every respect, and out-of-town customers will be **benefited** by sending us their orders; by so doing you will find we can **save you money**.

We **grow our own stock**, thereby assuring you of getting **absolutely fresh stock**, besides **saving you the commission man's profit**.

Roses, Valley and Carnations a Specialty. Wholesale Grower and Shipper of **Cut Flowers**.

J. A. BUDLONG, 82-86 E. Randolph Street, **CHICAGO.**

S. A. F.

See America First

And while you are in Chicago you are cordially invited to call and see us.

REMEMBER

When buying Cut Flowers in the Great Central Wholesale Market that you cannot go wrong when you order from us.

A. T. PYFER & CO.,
Wholesale Florists

30 East Randolph St.,

Chicago, Ill.

VIOLETS

FROM CALIFORNIA

For Eastern Florists

Our violets took **FIRST PRIZE** at the Panama-Pacific International Exposition Grand Spring Flower Show under the auspices of the Pacific Coast Horticultural Society in conjunction with the Department of Horticulture.

Violet Season October 15th to April 1st.

We would also advise you to take immediate advantage of the American Express refrigerator car service. Stopping at all way stations through to New York City.

**Get Your Rubrum, Auratum, Tiger
Lilies, Asters, Gladiolus and
'Mums of Us Now.**

We can send you some of the finest stock ever grown at very low prices. **Great Success.**

Write, Wire or See Us Personally.

Wholesale and Retail
Department
Shipping Station
1036 Hyde St.,
San Francisco, Calif.

DARBEES

GARDENS:
Colma, Ocean View
and
San Leandro, Calif.

Canna Novelty FIREBIRD

The Finest Green-Leaved Scarlet Canna. Booking Orders Now.

STRONG ROOTS, each, 20c; dozen, \$2.00; per 100, \$18.00.

CROTONS 4-inch.....\$6.00 per dozen
 IN VARIETY 5-inch.....\$8.00 and \$12.00 per dozen

ARAUCARIAS, 5-inch, each, \$1.00; \$12.00 and \$15.00 per dozen.

HYDRANGEA OTAKSA

Strong Home- } 4-inch.....each, 20c; dozen, \$2.00; 100, \$20.00
 Grown Stock, } 5-inch.....each, 50c; dozen, 5.00; 100, 50.00

Select Roses for Easter Trade

Crimson Rambler, Dorothy Perkins, Excelsa, Flower of Fairfield, each, 60c;
 dozen, \$6.00; per 100, \$50.00.

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

Greenhouses: Western Springs, Ill.

A Cordial Invitation

is extended to all local and visiting florists and their friends to call and see our stock of plants either before or after returning from the San Francisco Convention.

Decorative and Blooming Plants

Blooming Plants for Christmas and Easter a Specialty

Take Garfield Park branch of the Metropolitan Elevated to Cicero Ave., walk four blocks north and one block west, or take Madison St. car to Cicero Ave., walk two blocks south and one block west.

FRANK OECHSLIN,

4911 W. QUINCY STREET,
 CHICAGO, ILL.

Cincinnati.

GOOD STOCK MOVES FAIRLY WELL.

The choice stock in the market is finding a pretty fair sale, but the poorer grades hardly move at all. The general demand for flowers, while a little better than it was, is not steady and is active only at the beginning and end of the week. Prices average about the same as before. The cut of roses has let up somewhat during the past fortnight. It includes, however, some pretty good summer American Beauties. Easter lilies are plentiful and are excellent. Some auratum and

plenty of good rubium lilies may also be had. Asters at the time of this writing are between seasons. The last of the early ones comprise the bulk of the receipts, while the midseason and late ones are just coming in. Gladioli receipts are easily sufficient for immediate needs. A few snapdragons and pond lilies may also be had. The supply of greens is ample.

NOTES.

Lou. Rothe, formerly of Otto Walke's and Tromey's Flower Shop, is preparing to open a new flower store at Fifteenth and Vine streets.

C. E. Critchell furnished the green oak sprays to the decorator for the pure food show at Chester park this week.

Burglars blew open and robbed the safe of C. E. Jones at his store on Walnut Hills, August 8.

Al Horning has gone to Toledo on his annual visit to his mother.

P. J. Olinger has gone to Chicago on a visit.

Visitors: Gus. Kohlbrand, of E. C. Amling Co., Chicago; Joseph Hill, Richmond, Ind.; L. B. Saimlow, New York. H.

300,000 Field Grown Carnation Plants

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
Pink Enchantress.....	\$4.50	\$40.00	Philadelphia.....	\$5.50	\$50.00
Rose Pink Enchantress.....	4.00	35.00	Zoe Symonds.....	4.50	40.00
White Perfection.....	4.00	35.00	Washington.....	6.00	50.00
Mrs. C. W. Ward.....	4.00	35.00			

ORDER TODAY



Peter Reinberg

Wholesale Florist

30 East Randolph Street

L. D. Phone
Central 2846

CHICAGO

LARGE CUTS OF ROSES

RUSSELL--OPHELIA--BULGARIA

and all the other varieties listed below. Order here and get the best.

Fancy Lilies, \$1.00 per doz ; or, if ordered in lots of 50 or more at the rate of \$6.00 per 100

CURRENT PRICE LIST

American Beauties		Per doz.
Specials extra long stems.....		\$2.50
Extra long stems, secondos.....		1.00
30 in. stems.....		2.00
18-24 in. stems, New Beauties.....	\$1.00 to	1.50
Shorter lengths.....	per 100.	\$3.00 to \$6.00

Russell		Per doz.
Extra long.....		\$1.50
Good medium.....	\$0.75 to	1.00
Short.....		.50

Sunburst, Ophelia, Rhea Reid, Bulgaria and Shawyer		Per 100
Extra long.....	\$6.00 to	\$8.00
Medium.....	4.00 to	6.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00
Medium.....	\$4.00 to	5.00
Short.....		3.00

Cecile Brunner.....		per bunch, 25c
Choice EASTER LILIES	75c per doz.	5.00
LILY OF THE VALLEY	3.00 to	4.00
ASPARAGUS SPRAYS and SPRENGERI		3.00
FERNS , new Wisconsin.....	1000.	\$1.50
ADIANTUM		1.00
GALAX , bronze and green.....	per 1000.	\$1.00

ROSES in lots of 500 or more at the rate of \$20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,

CENTRAL 1457.

AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg Station, Ill.

Chicago.

TRADE A TRIFLE BETTER.

Trade has been quite good the past week and stock in all lines was pretty well cleaned up at times with the exception of gladioli, asters and other outdoor flowers. Roses cleaned up quite well at fairly good summer prices, but this was not due so much to the increased demand as it was to the general shortening up of stock. American Beauty roses have moved better the past week than they have for some time and the same holds good for Mrs. Chas. Russell, which are not as plentiful as they have been. A few Hoosier Beauty are arriving but not in any great supply and are moving nicely at good prices. Some very fine Ophelia are now being offered but are selling well at good figures. Lilies are in fair supply and the same holds good for lily of the valley, although both of these items are none too plentiful at times. Orchids have been on the short side all week and at times it is rather difficult to pick up enough blooms in the entire market to fill the orders. Carnations are plentiful and are moving as nicely as can be expected, especially indoor stock from the young plants. Some outdoor carnations are being picked and while they do not sell as readily as the indoor stock they move well at times and it probably pays the grower to pick and ship the blooms into the market. Gladioli are in large supply and while they are in good demand the prices are not what they should be and the same holds good for asters, which are none too good in quality, although at times fairly good stock is obtainable. The early crops are about done and it is a question whether the late crops will amount to anything or not. A few dahlias are arriving but are very poor and do not cut much figure in the market. Greens of all kinds are plen-

tiful and some especially fine ferns are to be had. Trade the past summer has been satisfactory compared to last season and many of the dealers are surprised to find that in some instances the sales during the summer months are much better than in 1914 which is indeed gratifying to hear.

NOTES.

Walter F. Weed, 18 years and Wibur A. Hard, 21 years, were sentenced to life imprisonment by Judge Kersten August 5, for the murder of William Weil, florist, who was found strangled to death and robbed in his place of business at 421 West Sixty-third street on the night of April 5. The youths pleaded guilty after Assistant State's Attorney W. W. Witty had consented to waiving the death penalty. The confessed murderers did not take the witness stand. They admitted strangling their victim and robbing him of a small sum of money.

Herman Leitz, of New Haven, Ind., accompanied by his assistants, Thos. Harlor and the Misses Bertha and Marguerite Sturm and Marion Todd, were here on a visit this week. Mr. Leitz placed an order while he was in the city with Kroeschell Bros. Co. for two No. 46 Kroeschell water tube steam boilers to heat his three new Moninger houses, 28x232 feet. He says that he has been a regular subscriber to THE AMERICAN FLORIST for over 22 years.

Joe Erringer, with Zech & Mann, has returned from South Bend, Ind., where he spent his vacation and was agreeably surprised to be promoted to the position of salesman upon his return. Gale Fanning was given a boost up the ladder of success and now has the title of shipping clerk tacked to his name. Allie Zech and wife will leave next week on their vacation, which will be spent at Tomahawk Lake fishing.

CUT FLOWERS

Every hing Seasonable

ROSES-GARNATIONS-GLADIOLI-ETC.

ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

N. F. Miller, with Miller & Musser, visited B. Eldridge's greenhouses at Belvidere this week and had the pleasure of picking some ripe oranges off of the large tree that completely fills one of the houses. Mr. Miller says that this is the largest orange tree he ever saw so far north and that it must have carried at least 300 oranges.

Ronsley, the Florist, 106 South Dearborn street, is going to make a number of changes in his store which will give him the necessary room that his increasing business demands. He now has the contract to decorate the lobby of the Majestic theatre which calls for a daily change of flowers.

Albert Hall, with A. Lange, is spending his vacation at Paw Paw Lake, Mich. Tom McAllister of the same firm leaves this week with the local delegation for San Francisco, Calif., to attend the S. A. F. convention and the Panama-Pacific exposition.

Fred. Liebermann, with Kennicott Bros. Co., is back from his vacation and is again attending to his duties at the store.

Victor Young, manager of the George Wittbold Co.'s North Clark street store, is enjoying a two weeks' vacation.

John Degnan, with Winterson's Seed Store, left this week with his brother, Joe, on an automobile trip to Oswego, N. Y.

C. G. Anderson, manager of the Minneapolis Floral Co., Minneapolis, Minn., was here this week on business.

H. VAN GELDER, Pres.

L. M. JONES, Secy.

PERCY JONES

INC.

WHOLESALE COMMISSION FLORISTS

Importers and Jobbers of
Florist Supplies

56 East Randolph Street
CHICAGO

Ribbons and Chiffons.
Our Specialty

The Symbol of Progress

Why in spite of reverse business conditions are we steadily increasing the volume of our sales? As the sturdy oak from a tiny acorn has grown, so have we from a small business in the center of a Flower Market grown to the *Flower Market's Business Center*.

Why?

Because our organization is composed of energetic and capable men.

Because this force, together with a great number of successful growers of high class stock, places us in a position to fill your wants to the letter, even tho' you be the most exacting of buyers.

Because we will not be satisfied to rest on our laurels and will not allow to-day to be the high water mark of our attainments.

Because like a Symbol of Progress, we are ever active, daily advancing.

Because we are always alert to meet market changes and business conditions as they present themselves, in a modern, forceful, effective, yet conservative way.

TO YOU who would achieve success, who would satisfy, and gain the confidence of your customers, you cannot find a more direct way than by giving us the same opportunity to gain your confidence.

In Conclusion we wish to say to our loyal customers, you reputable florists, who have given us your continued patronage, we take this occasion to thank you, and promise to serve you with a deeper interest in your future welfare. To give you a full 100% of service—both the 5% of inspiration, and 95% of perspiration.

YOU CANNOT

hire any help, or get a partner whom you can depend upon more or who will work as hard for you, as

Very truly yours,


PERCY JONES.

The B-U-Y Word

Z M
E A
C & N
H N

FOR

Quality and Service

 We are Wholesale Florists
Doing a Strictly Wholesale Business

30 E. Randolph St., Long Distance Phones { Central 3283
Central 3284
Automatic 42-965 } Chicago

The special sale of cut flowers and plants for the benefit of the Eastland sufferers, Wednesday, August 4, at 217 South State street, was a great success, and over \$300 was turned over to the Tribune fund. The committee, consisting of J. L. Raske, W. P. Kyle, Andrew Chronis, Eric Johnson and Cornelia Ryan, worked early and late to make the affair as much of a success as possible and wish to thank everyone for the stock that was donated and the services rendered. The Misses Evelyn Olson, Caroline Morrison, Minnie Martin, Bessie Jones, Lovey Cook, Carrie Weissgerber, Martha Gunterberg, Genevieve Spencer, E. Clark and Mrs. W. P. Kyle and Mrs. Joseph Raske acted as salesladies. The weather was very unfavorable the day of the sale, otherwise the returns would have been considerably larger.

Poehlmann Bros. Co. report a brisk demand for grafted and own root rose stock and chrysanthemum and pompon plants and are having a special sale this week to move what stock is left. The demand for this stock has been enormous this year and another week will probably find everything pretty well cleaned up. Field-grown carnation plants are in good demand right now and shipments are going out every day and new orders are continually arriving. The supply department is busy mailing out the new catalogue which is just off the press, and anyone who has not yet received a copy can obtain same upon request. August Poehlmann and family spent Sunday at Long Lake, making the trip over the automobile route in a new Winton Six.

Mrs. Horton, who has charge of Bassett & Washburn's office, says that she expects C. L. Washburn and wife home next week from California where they have been visiting friends and relatives at Pasadena and taking

in the sights at the Panama-Pacific exposition. Miss Harper, who assists Mrs. Horton in keeping the Bassett & Washburn books, is now enjoying her vacation at Booth Lake, Wis.

E. G. Hill, with the E. G. Hill Co., Richmond, Ind., called on several of the growers here this week previous to his departure for San Francisco, Calif., to attend the S. A. F. convention. His firm has two new roses that will be distributed this fall and placed on exhibition for the first time in this vicinity at the Grand Floral Festival, to be held in the Coliseum, November 9-14.

Louis Hirsch, son of M. B. Hirsch, the proprietor of the store doing business under the name of the Willard Florists, 346 East Fifty-first street, was taken home from the Michael Reese Hospital this week. He broke his right leg above the knee some time ago and is reported to be doing as nicely as can be expected.

H. E. Philpott, of Winnipeg, Can., has returned from London, Ont., where he attended the eighteenth annual convention of the Canadian Horticultural Association, August 3-5, and is undecided whether he will go home this week or leave for San Francisco, Calif., to attend the S. A. F. convention.

Percy Jones is handling a large quantity of green goods, especially ferns, and reports a brisk demand for same. This firm will handle boxwood on a large scale again this fall and are now booking orders for same.

Wm. F. Kasting and son, William the second, of Buffalo, N. Y., en route to the San Francisco convention, took advantage of their stopover between trains here, August 9, to call on a few of their friends.

John Sinner is busy gathering his fishing tackle together at the store during his spare moments, which

means that he is going to hike to the Wisconsin lakes on a little fishing trip.

H. B. Rime, with Rime & Son, Humboldt, Ia., was in the city several days this week on business and pleasure combined. He is making his headquarters at Percy Jones' store.

Herbert Stone, with the Atlas Floral Co., is manufacturing a dandy furniture polish which he is selling as a side line and retails at 25 cents per bottle.

Louis Wittbold writes from Ottawa that he and his family are having a delightful time on their vacation seeing the La Salle county places of interest.

Joe Pfeffer, bookkeeper for Weiland & Risch, has returned from a delightful visit at Silver Lake, Wis., where he spent his vacation.

J. C. Bruckner, the Princeton Florist, 248 West Fifty-ninth street, has returned from a delightful fishing trip.

Mrs. J. F. Kidwell, who was operated upon for appendicitis recently, was discharged from the Presbyterian hospital this week.

Miss M. C. Gunterberg leaves this week for San Francisco, Calif., to attend the S. A. F. convention and the Panama-Pacific exposition.

The John Kruchten Co. is fitting up its office in grand style and will soon be all set for another year's business.

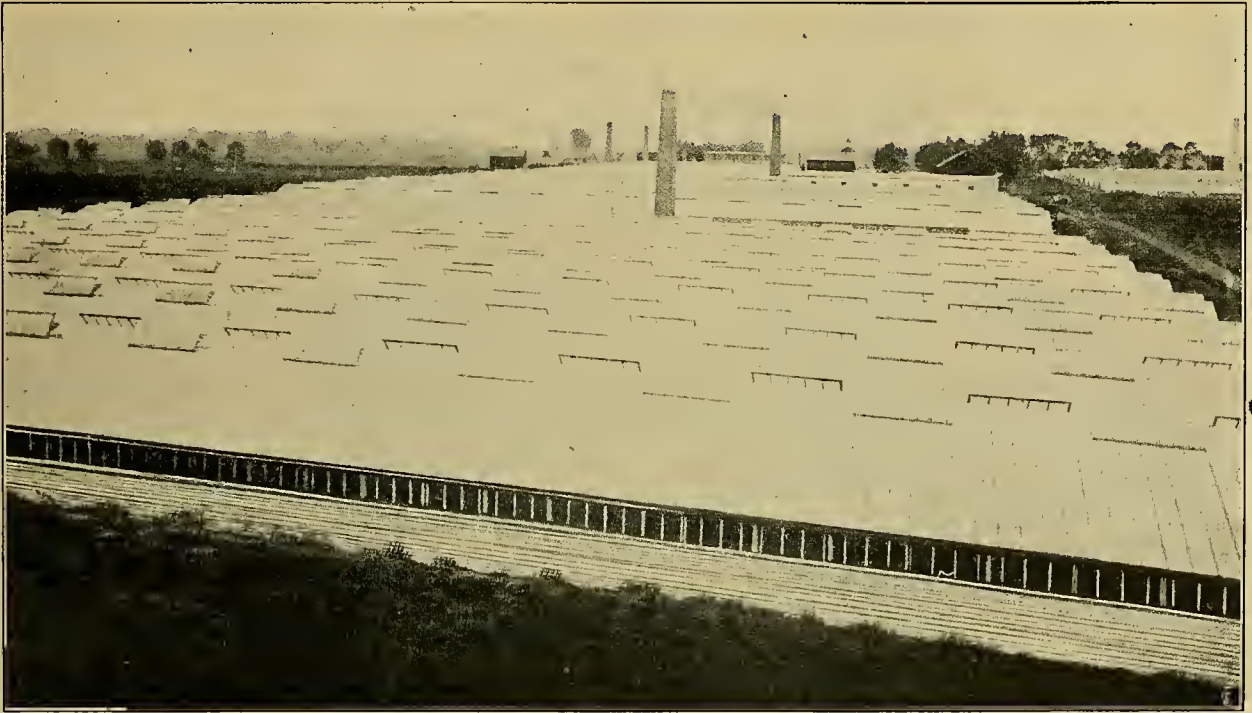
Anton Then and Fritz Bahr left for California this week with their wives and a party of friends.

Miss Kate Harris, of Memphis, Tenn., is spending a few days here this week.

E. C. Pruner reports a brisk demand for Elastic-Lyke putty.

Ed Meuret of Park Ridge bought a new automobile last week.

ONE OF THE THREE
Largest Ranges of Glass
 IN AMERICA



NOTE.—Two of our ranges of the same size are not shown in the illustration.

Entire Place Devoted Exclusively To Cut Flowers

**Principally Beauties, Roses,
 Carnations and Chrysanthemums**

When in the market for Cut Flowers be sure and bear in mind that our range of greenhouses is one of the three largest in America and that we have a tremendous supply of stock to fill orders with. The stock we offer is of the finest possible quality and compares most favorably with the best obtainable elsewhere. Try us.

You Should be One of Our Regular Customers.

WIETOR BROS.

WHOLESALE FLORISTS

162 N. Wabash Avenue,

CHICAGO

GREETINGS AND BEST WISHES

TO THE

S. A. F. & O. H.

AND ALL

CALIFORNIA FLORISTS

WHENEVER YOU ARE IN THE CITY, DROP
IN; THE LATCH STRING IS ALWAYS OUT.

MILLER & MUSSER

WHOLESALE FLORISTS

179-181-183 North Wabash Avenue, CHICAGO, ILL.

Peter Reinberg cut his first Golden Glow chrysanthemums August 10, which, to our knowledge, are first to reach the market. This firm is receiving a large number of orders for field grown carnation plants and new ones are arriving each day. Emil Reichling, superintendent of the Reinberg greenhouses, will spend his vacation at San Francisco, Calif., this year, taking in the S. A. F. convention, August 17-19.

Wietor Bros. are pretty nearly through with their planting, according to N. J. Wietor, who says that the last carnations are being benched this week. This firm is cutting a good supply of roses which are cleaning up nicely, especially Killarney and White Killarney. Gus. Alles, who so ably assist Mr. Wietor at the store, is planning on leaving soon to enjoy a well-earned rest.

A. L. Vaughan & Co. report business as good with a clean-up each day in roses. Gladioli and asters are seen in large supply at this house. Mr. Vaughan is spending his vacation this year in touring the nearby country in his machine with his family taking a few days each week.

J. A. Young, proprietor of the Moosehart Greenhouses, Moosehart, passed through here in his automobile this week enroute for Michigan to join his family where they are spending the summer. He is building two new Foley houses 40x300 feet.

George Manos, the Union Depot Florist, has returned from a delightful trip in the east where he visited all principal cities. He returned home last week and made another trip to Erie, Pa., accompanying his sister-in-law home.

A. T. Pyfer is acting as bookkeeper, stenographer, cashier and manager at A. T. Pyfer & Co.'s store during the absence of right-hand assistant Miss Parker, who left for California August 7.

The Raedlein Basket Co. have a large display of baskets at its Milwaukee avenue salesroom, which was arranged purposely to give the out-of-town visitors a chance to inspect its line.

J. A. Budlong is one of the few growers in this vicinity who has much

bench space devoted to the rose Double White Killarney, which has been in such brisk demand all summer.

The Chicago Flower Growers' Association is handling a good supply of roses which are good property this week and are cleaning up completely each day.

Henry Dunn, with Wm. F. Schofield, 734 North State street, and wife, leave August 14 to visit friends and relatives at Boston, Mass.

Miss Shepperd, able assistant to R. P. Atwell, Ft. Dodge, Ia., is spending a few days here with her mother.

Vaughan's Seed Store reports calla bulbs now on hand. Liliium Harris bulbs were shipped last week.

John Propps, with the Alpha Floral Co., is spending his vacation at Milton, Ind.

Phil Weinberg is now employed in Hillman's floral department.

Visitors: Milton Alexander, with Lion & Co., New York; R. E. Kidder, with the Ionia Pottery Co., Ionia, Mich.; Harry Balsley, Detroit, Mich.; Benjamin Hammond, Beacon, N. Y.; E. J. Fancourt, of the S. S. Pennock-Meehan Co., Philadelphia, Pa.; John Bauscher, Freeport; Walter E. Cook, representing Stumpp & Walter Co., New York, with family, enroute to Pacific coast; Henry H. Wenderoth, representing Nicholas Wapler, New York.

Oklahoma City.

E. Pomeroy, of the LeGrange Bulb Farm, Donna, Texas, was a visitor this week on his way to California to attend the S. A. F. convention.

Mrs. O. G. Hornaday, florist at Lawton, left for the Panama-Pacific exposition, August 5. She will attend the S. A. F. convention while there.

Business is very quiet. Stock from outdoors is fairly plentiful, and good, making it possible for the florists to keep up fine window displays.

S. S. E.

LEWISTON, ME.—The annual exhibition of the Lewiston and Auburn Gardeners' Union will be held in the city hall, August 27-28. Mrs. Geo. A. Whitney, secretary, 151 Winter street, Auburn, Me.

Chicago Florists' Club.

The monthly meeting of the Chicago Florists' Club was held at the Hotel Bismarck, West Randolph street, Thursday, August 5, and was largely attended. John Michael, 7074 Stony Island avenue; Morris Grossberg, 56 East Randolph street; Allie Zech, 30 East Randolph street, and Stanley Weir, Western Springs, were elected to membership and the applications of Emil Ehrhardt and Gus. Stege, Park Ridge; Paul Weiss, Maywood, and Frank Schramm, Crystal Lake, were read.

Michael Fink, chairman of the Good-of-the-Club committee, reported that the annual picnic, held at St. Paul Park, Morton Grove, July 25, was a financial success and that there was a balance of \$30 after all the expenses had been paid.

George Asmus reported that the preliminary premium list was out for the Chicago Grand Floral Festival, to be held at the Coliseum, November 9-14, under the auspices of the Horticultural Society of Chicago, and the Chicago Florists' Club, copies of which were distributed at the meeting and may be had on application to N. P. Miller, 179-183 North Wabash avenue. August Poehlmann announced that he had received several checks from A. Henderson, chairman of the trade space committee, which shows that there will be quite a number of exhibitors at the fall show at the rate reservations for space are being made.

E. F. Kurowki reported that the committee that was appointed to solicit donations for the fund to be spent in entertaining the visiting florists to the San Francisco convention of the S. A. F. & O. H., August 12, was meeting with good success and that the visitors would be treated to an automobile ride about the city, leaving the Auditorium hotel at 1:30 p. m., and entertained at dinner at the Bismarck Gardens at 6 p. m.

Vaughan's Seed Store had a splendid exhibit of delphiniums, which attracted much favorable attention.

LORAIN, O.—Tony Carek is building one greenhouse to be used for growing stock for his retail store.

Honest Treatment

Means Much To The Buyer

When Quality Cut Flowers and Good Service Are Taken Into Consideration.

OUR AIM

at all times is to treat every one right and with this constantly in view we will surely be friends if you will but do your part.



A. L. VAUGHAN.

BIG SUPPLY

of choice summer stock and every arrangement made for fall and winter with the best growers in and around Chicago.

Our Excellent Service Always Means a Great Deal To You

for there is nothing in the Cut Flower and Green line that we don't sell or handle and we give you as much actual value for your money as any other firm in Chicago. Our supply of stock will be larger than ever from now on, so place your orders with us and we will see to it that they will be filled to your entire satisfaction.

New Line of Cut Flower Baskets

Write for full particulars or send \$5.00 for a sample shipment, our selection, and you will not be disappointed. We have all the latest styles in all the desired shades. Get in touch with us today.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

Cleveland.

RAIN HURTS OUTDOOR STOCK.

There is still a large quantity of stock on the local market, although the rains lately have beaten much of the outdoor stock out of the running, particularly sweet peas and also some of the asters. On August 7 very few good asters were to be had, while the poorer grades are still overplentiful. Roses, too, are away off crop just now, and Kaiserin are plentiful. Larkspur, summer lilac and Baby Breath fern find a good market. Orchids have been scarce.

NOTES.

A letter received by the boys at the Cleveland Florists' Exchange from Geo. W. Smith, who, with his wife is on his way to the coast via Yellowstone Park, dated at Council Bluffs, Ia., stated that they were enjoying the trip immensely. Mrs. Smith, who is in poor health, is feeling remarkably fine just now. He writes it has been so cool that overcoats would be welcome.

W. G. Mather, president of the Ohio Horticultural Society, this year, has shown his practical interest in the "training garden" section of the vacant lot and home garden movement here by donating \$350 toward a fund to pay for instructors on the training grounds.

Miss Hester Getz of Westman & Getz is spending a month or six weeks visiting in Colorado. Miss Bailey, who has charge in her absence, reports being very busy with work, both funerals and cut flowers.

Miss Wilhelm of the Eadie Co. will return to work Monday from a three weeks' vacation. Mr. Schoen reports business good, a Jewish funeral and an Italian wedding being part of Sunday's business orders.

Fred Steinbrenner, florist, at 9104 Lorain avenue, won second prize in the decorated float parade held by the West End Business Men's Association. One hundred and ten vehicles were in the procession.

Russell Ball, of the Jos. Eadie Co.'s force, will spend about three weeks at Mt. Clemens, Mich. He will take the baths while there.

H. B. Jones, of the Jones-Russell Co., spent the past week at Erie, Pa., narrowly escaping the flood by only a few hours.

Walter Priest, of the Cleveland Plant & Flower Co. and wife, are spending a week at Chippewa Lake, Ohio.

James Wilson, wife, and son, Kenneth, are spending a few weeks at Lakeside.

Ben Fellmer, of the Weller Pottery Co., Zanesville, spent several days here. C. F. B.

Kansas City.

GLADIOLI LEAD THE MARKET.

Gladioli still lead the market, being plentiful, and not bringing the price they have in past weeks, ranging from \$1 to \$2 per dozen, and the flowers not so large. The asters are coming in better, both in quality and quantity, and selling at fancy prices—from 75c to \$2.50 per dozen in all colors. Easter lilies took a jump on the market, coming in more plentiful and with fine flowers, the buyers saying they are the best they have ever seen for this time of the year. There are some good roses coming in, especially in Milady and Mrs. Chas. Russell. Carnations and sweet peas are practically off the market.

NOTES.

H. Kusik & Co. report a very good week, but say business could be better. They are handling a large supply of gladioli and some very fine Easter lilies, which are surprising in their quality. Asters are better, with better flowers and longer stems and sell read-

Home Phone, Main 9282.

Bell Phone. Main 232.

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of
FLORISTS' WIRE DESIGNS

1016-18 McGee Street, Kansas City, Mo.

We are calling your attention to our stock of **Easter Lilies**. We claim that we have the best in the market. Also **Russell, Milady and Killarney Roses**.

Asters in all colors always on hand, so we can furnish double and single.

Gypsophila, Fancy Ferns and Asparagus.

ily. Supplies are good sellers with this firm.

M. F. Parker, president of the Geo. M. Kellogg Flower & Plant Co., has gone to Outing, Minn., on a vacation. The store has been receiving some good stock, especially in gladioli and asters which sell to the last one, and in general the business holds up well for this time of the year.

W. J. Barnes says the trade is extra good for this time of the year. He is sending out lots of funeral work, with bouquets for the sick a good second. He is cutting some fine gladioli and asters. Mr. Barnes went on a fishing trip to Beau Lake. Same old fish story, "we ate the fish."

Funeral work has been keeping Biederman & Son busy, and it certainly helps out at this time of the year. They are cutting some very fine asters, and report the chrysanthemums are looking especially good.

T. J. Noll & Co. says business is extra good, but reports that stock is scarce. He is receiving some fine gladioli and asters, which are disposed of readily. The shipping trade keeps up to the mark.

In general the business in Kansas City is passing all records for summer months, as all the florists are kept busy and the stock is the best that has ever been on the market at this season.

Arthur Newell and his force are busy with funeral orders which for this time of year has been the best he has ever had. He is receiving some extra good asters and gladioli.

Miller Carter, of Wm. L. Rock Flower Co., has gone fishing on the White river. This firm has had a good week of funeral work and reports the stock selling out clean.

Samuel Murray reports business in general good, and especially so in funeral work, which is encouraging to handle, with the stock so clean and good.

Miss J. E. Murray says it is surprising how the trade keeps up in the summer months, especially in funeral work.

E. J. B.

Boston.

MARKET CONDITIONS VERY POOR.

Market conditions have been very poor during the past week. The heavy rainfall has destroyed many outdoor flowers and has done much to hinder the shipping business. Roses moved slowly, although white varieties found a better market than they did last week. The quality of carnations being shipped now is very poor and meet with light demand. Good asters bring from \$1 to \$2 per 100, but the bulk

of the shipments are very poor and consequently sell at low figures. Gladioli are more plentiful and are moving slowly.

GLADIOLI EXHIBITION.

The Massachusetts Horticultural Society held its annual gladioli exhibition at Horticultural hall, Saturday and Sunday, August 7-8. There was a very fine exhibit of gladioli, phlox and dahlias. One of the most noteworthy exhibits was that of Chas. F. Fairbanks, of Milton. Although Mr. Fairbanks is an amateur, he has over 200,000 gladioli bulbs and his flowers are of exceptional quality. He had an exhibit covering 600 square feet, which was artistically arranged in baskets. The exhibit was awarded a silver medal. Mr. Fairbanks won first prize on 50 spikes of any variety with Daisy Rand. He also won first for best twelve varieties, with L. Immaculee, Daisy Rand, Mrs. G. Moulton, Panama, Gaiety, Joe Coleman, Fair Columbian, Myrtle, Empress of India, Gov. Hanley and Electra.

Wm. Sim, of Cliftondale, had a very fine exhibit of gladioli covering 500 square feet. He was awarded first prize for the best 100 vases. Among the best of his varieties were noted Myrtle, Schwaban, Panama, America, Niagara, Halley, Fascination, Brenchleyensis, Princes, Mrs. F. King, Chicago White and Europe. All these are very fine commercial varieties.

Wm. Rosenthal of the Boston Cut Flower Co. won first prize for the most artistic basket of gladioli with a combination of Myrtle and Halley, which was very effective. The display of phlox by R. & J. Farquhar & Co., Boston, Mass., was very fine and attracted much attention. Alexander, of Bridgeport, Mass., had a large display of dahlias. He had a large assortment of good varieties, including some very fine seedlings.

Special prizes have been offered for next year's gladioli exhibition for the best single spike of any new seedling—\$25 first and \$10 second, by Chas. F. Fairbanks.

NOTES.

President P. Welch, of the S. A. F., and wife left for the convention at San Francisco August 4. Mr. Welch was tendered an informal luncheon at the Parker House on the evening previous to his departure by a few of his intimate friends. He was accompanied by Thos. J. Grey and wife on his trip to the coast.

Henry J. Haas, salesman for Norris Comley, of Burlington, has resumed his duties at the Co-operative Market after a three weeks' visit at New London, Conn. F. W.

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WHOLESALE FLORISTS
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CHICAGO, ILL.

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Wholesale Cut Flowers, Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$3 00
" " 36-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
" Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhes Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas..... per doz., 4 00@ 6 00	
Gardenias..... per doz., 3 00@ 4 00	
Gladioli.....	2 00@ 8 00
Lilium Harrisii.....	10 00@12 50
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 4 00
Adiantum Croweasum.....	1 00@ 1 50
Ferns.....	1 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumose Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Soregeri, Plumose Sprays.....	3 00@ 4 00
Boxwood, 35c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St.,
CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.

Store: 162 N. Wabash Ave., Chicago



FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED	
100	1000	100	1000	100	1000	100	1000
Mrs. C. W. Ward.....	\$7.00 \$60.00	Winsor.....	\$7.00 \$60.00	Matchless.....	\$9.00 \$80.00	Champion.....	\$8.00 \$70.00
R. P. Enchantress....	6.00 55.00	Peerless.....	8.00 70.00	Enchantress.....	8.00 70.00	Beacon.....	7.50 65.00
L. P. Enchantress....	6.00 55.00	Gorgeous.....	7.00 60.00	Perfection.....	7.00 60.00	Victory.....	7.00 60.00
Enchantress Supreme	8.00 75.00	Philadelphia.....	7.00 65.00	White Wonder.....	7.00 60.00	Comfort.....	7.00 50.00
Dorothy Gordon.....	7.00 60.00			Alma Ward.....	7.00 60.00	Commodore.....	7.00 60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

AUGUST BUSINESS UP TO STANDARD.

For the first week of August business was quite up to the standard, if not a little better; there were several funerals of prominent people at which the floral tributes were large and handsome and this demand relieved the situation considerably. There has been a tremendous amount of rainfall, scarcely a day passing without a heavy shower. This continued rain is hard on the asters and other outdoor flowers, the asters particularly showing the effect on the foliage, giving it a rusty appearance. It is hoped the later varieties will show up better. Gladioli are still very plentiful, few of them bringing over \$1.50, while by the thousand they go very cheap. Roses are plentiful in the medium and lower grades, but not too many specials. The higher grades seem to find a good demand. Easter lilies are as plentiful as usual, the man who gets out on his lilies, sends them in regularly, for he is sure to find a good market at times, and with the occasional better prices, manages to get something more than cost in returns. Orchids are coming into their own; the crops are off with several growers and what few are offered are grabbed up at fancy prices—60 cents to 75 cents is the price at this writing.

NOTES.

Arthur Niessen, chairman of the house committee, who has been active in fathering the monthly social gatherings inaugurated by President Burton, is very enthusiastic over the success of these gatherings, which have been largely attended. One of the old time crack bowlers who had not been attending, because of so many novices, was present one night recently and was surprised to have to take third place. Mr. Niessen sees no lack of interest in the club and thinks the future very bright.

The Robert Craig Co. has a great fern in their new sport of Scholzeii, which they have named John Wanamaker. It is a much stronger grower than its parent with beautifully waved fronds. In the almost innumerable variations of the Boston, it would seem as if there was nothing more worth noticing, yet in this variety the Craig Co. has a distinct and valuable novelty which is being purchased in quantity by all the large growers.

Karl Cortis says the Jos. Heacock Co. will close their wholesale store August 14 and open again about the middle of September. The stock of roses of new varieties, particularly Ophelia, are coming along nicely, although the new reds, Hoosier Beauty and Hadley, do not make the strong growth of other sorts. White grubs have also given them a great deal of trouble, they having to be on the alert for them all the time.

Eugene Burnheimer has parted with "old Dobbin" and ordered a Ford car. But a few years ago an auto delivery car was a novelty, now the man driving a horse to a delivery wagon will soon be likened to, and pointed out as, an "old timer," indeed.

Berger Brothers are well satisfied with their summer business as some mornings it takes all hands moving full time to get their orders out. They cannot get enough good asters to supply the demand.

Wholesale Flower Markets

BOSTON, Aug. 11.

	Per 100
Roses, Beauty.....	2 00@25 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@ 5 00
" Double White Killarney.....	1 00@ 6 00
" Killarney Brilliant.....	1 00@ 8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@ 8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@ 8 00
" Taft.....	1 00@ 8 00
" Milady.....	1 00@ 8 00
" Ward and Hillingdon.....	1 00@ 6 00
" My Maryland.....	50@ 5 00
Cattleyas.....	25 00@35 00
Lily of the Valley.....	3 00@ 4 00
Sweet Peas.....	50@ 1 00
Carnations.....	50@ 1 00
select.....	1 50@ 2 00

BUFFALO, Aug. 11.

	Per 100
Roses, Beauty, special.....	20 00@25 00
" fancy.....	15 00@20 00
" extra.....	10 00@12 00
" No. 1.....	6 00@10 00
" No. 2.....	2 00@ 3 00
" Killarney.....	3 00@ 6 00
" White Killarney.....	3 00@ 7 00
" My Maryland.....	3 00@ 6 00
" Killarney Queen.....	3 00@ 4 00
" Richmond.....	3 00@ 6 00
" Sunburst.....	3 00@ 6 00
" Ward.....	3 00@ 5 00
" Taft.....	3 00@ 6 00
Lily of the Valley.....	4 00
Lilies.....	5 00@ 8 00
Cattleyas.....	40 00@50 00
Carnations.....	1 00@ 1 50
Daisies.....	40@ 50
Snappedragons.....	1 00@ 2 00
Gig. Lilies.....	5 00@10 00
Peas (outdoor)..... bunch, 5c@10c	
Gladioli.....	2 00@ 3 00
Asters.....	40@ 1 50
Asparagus Sprengeri... 35@ 50	
Ferns.....per 1000, 2 50	
Smilax.....	15 00

CINCINNATI, Aug. 11.

	Per 100
Roses, Beauty.....per doz. \$0 75@3 00	
" Killarney.....	1 00@ 6 00
" My Maryland.....	1 00@ 6 00
" Richmond.....	1 00@ 6 00
" Taft.....	1 00@ 6 00
Lily of the Valley.....	3 00@ 4 00
Lilium Giganteum.....	4 00@ 8 00
Asparagus Plumosus...per bch., 25c	
Orchids, per doz.....	3 00
Gladioli.....	1 00@ 3 00
Snappedragons.....	2 00@ 3 00

ST. LOUIS, Aug. 11.

	Per 100
Roses, Beauty, medium.....	8 00@15 00
short stems.....	4 00@ 6 00
" Killarney.....	2 00@ 5 00
" White Killarney.....	2 00@ 4 00
" Aaron Ward.....	2 00@ 4 00
" Sunburst.....	2 00@ 5 00
" Ophelia.....	3 00@ 5 00
" Radiance.....	2 00@ 5 00
Valley.....	3 00@ 4 00
Carnations.....	1 00
Orchids.....	35 00@50 00
Asparagus Sprengeri...per bu., 25@50	
Asparagus Plumosus...per bu., 25@60	
Harrisii.....	6 00
Sweet Peas.....	20@ 40
Gladioli.....	2 00@ 3 00
Ferns.....per 1000, 1 50	

Edward Fancourt, of the S. S. Pen-nock-Meehan Co., is now in San Francisco with a choice stock of ribbons. With the other Philadelphia firms, H. A. Dreer, Inc.; H. Bayersdorfer & Co., and M. Rice Co., this city will hold its end up fairly well.

White asters were a feature of the Leo Niessen Co.'s stock the past week—quality A-1 and quantity unlimited. Chief Niessen says business is good for summer, there being a good city trade with shipping above the ordinary.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley
SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.

McCALLUM CO.

Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Wm. Westcott has passed away. He was a careful grower, whose Easter and Christmas stock was his pride. The business will be continued by his son, Wm. Westcott, Jr.

Edward Reid is right in it with his eastern American Beauties; they are certainly fine stock. High grade asters are also a feature.

K.

INDIANAPOLIS, IND.—Alfred G. Pittit has leased his greenhouses and will devote all of his time in future to his sweet pea crop in Michigan. Wm. Hammit, private gardener for the Allison estate, has taken the Pittit establishment here.

LILIUM GIGANTEUM, 7-9-in.

Case of **\$6.95** 300 Bulbs, \$18.00
100 Bulbs, 1200 " 70.00**C. S. & CO**
NEW YORK1000 Pips, \$15.00
2500 " 35.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of
500 Pips**CHAS. SCHWAKE & CO., Inc.,****90-92 West Broadway,****NEW YORK**

New York.

WEATHER COOLER AND BUSINESS BETTER.

The weather of the past week was cooler, and if any distinction can be made, business was a little better than during the previous weeks, which however, is not saying much. Orchids were scarce and the best stock was quoted at from 75 cents to \$1 each, wholesale rates. The supply of American Beauty roses fell off toward the last of the week and specials were priced from \$20 to \$25 per 100, or at that rate. Good tea roses have been scarce, but what little good stock was in the market brought a price. We got our share of the great storm of August 3-4, which worked havoc in other parts of the country. Crops in outlying districts were beaten down and roads damaged. The aster supply was somewhat reduced, which has not created inconvenience, as there are yet four times as many asters on the market as there is any use for. Lilies continue plentiful and cheap. Good lily of the valley has been doing a little better, but inferior stock is hard to move.

August 9.—The market is very quiet. In roses there is a light supply and most of that is poor stock, arriving too open. American Beauties continue scarce and specials sell at the rate of \$25 per 100. There is a great surplus of gladioli and asters. Orchids continue scarce. There is the usual supply of lilies and lily of the valley.

NOTES.

Traendly & Schenck, we are pleased to note, during this period of dearth of good roses, are receiving some fine Taft, Shawyer, Mock and other varieties. Papa Traendly is still rusticated on the farm at Rowaton, Conn., and only comes to the city once in a while, but when he does come he "makes a noise like a farmer."

The writer is not as young as he used to be and therefore appreciates youth. One of the clever buyers in the wholesale district is Anna Burkard, 13 years old, whose father, Otto Burkard, has a retail store at 1402 Madison avenue, under the name of the New Amsterdam Florist. Anna is little, but O my!

The news of the death of the venerable Nicholas Hallock, at Seattle, Wash., has been received with profound regret. Though "old and full of days" he has always appeared so cheerful and robust that it may be said that the news of his death came in the nature of a surprise.

Joseph Mackerer, who with his mother, conducts a retail store at Union Hill, Weehawken, N. J., was in the wholesale district, August 7, for the first time since April. He has been laid up with a severe attack of rheumatism, and we are glad to see him out again.

A number of fishing boats were upset and several men drowned in the great storm of August 3. John Miesem and C. W. Scott had planned to go fishing that day; in fact, they went to the shore, but being wise old "sea dogs," they scented danger and did not go out.

Charles Matthews, salesman for E. C. Horan, is now on his vacation. Charlie is a good salesman and carries about with him an inexhaustible stock of good humor, and we hope he will enjoy his trip.

Good sweet peas are not plentiful, but Johnnie Coan, manager of the

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage**THE MONTREAL FLORAL EXCHANGE, Ltd.**

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

Growers' Cut Flower Co., has them. John is a modest man, who never talks about himself, but we take the opportunity of saying that he is as bright as any of them.

W. A. Bladel's Sons, 402 West 23rd street, have during the past week, been making extensive improvements in their store. New fixtures have been installed and the conservatory in the rear has been thoroughly renovated and repainted.

A number of fine designs were noted at the funeral of General Benjamin F. Tracy, held at Trinity church, August 9. General Tracy was buried with military honors.

Harry Ramm, manager for C. A. Dards, has returned from his vacation, part of which he spent on an extended automobile trip.

J. T. Butterworth, South Framingham, Mass., was in this city August 3 and brought a nice lot of cattleyas.

W. S. Allen is receiving some fine Hoosier Beauty roses from A. N. Pierson, Inc., Cromwell, Conn.

H. E. Froment has gone on a vacation and may visit the Panama-Pacific exposition. A. F. F.

Albany, N. Y.

OUTING PREPARATIONS.

Plans for the clambake at Henkes Brothers' grove, Newtonville, Saturday, August 21, took up the attention of the members at the August meeting of the florists' club. Louis H. Schaefer, chairman of the entertainment committee, reported the tickets printed and distributed and asked for returns a week in advance of the bake so that the proper number of persons may be provided for. Thomas F. Tracey, acting chairman of the meeting, named Fred Goldring, Edward P. Tracey and Patrick Hyde, members of a committee to arrange for transportation to the grove. James H. Snyder, John J. Haggerty and William Newport were named a committee to prepare a program of sports. The entertainment committee and Fred Henkes were instructed to proceed with the bake and to make such arrangements as to assistants as they deemed necessary. John J. Moore, gardener for Archland Dederick, of Loudonville, was elected a member of the club, and one application was received to be voted upon at the September meeting. H. C. Newark, a visitor, was given the privilege of the floor and told interestingly of the work of his concern, the Albion Greenhouses, Albion, N. Y., formerly large growers of vegetables for the market and for canning, but lately the concern has gone into growing flowers, and is pushing out for business. The invitation of Fred A. Danker to hold the meeting on the evening of September 2 at his place, 744 Central avenue, was accepted. Following the meeting the club enjoyed refreshments served by the hosts.

PRESIDENT WELCH STOPS EN ROUTE.

Among the recent visitors was Patrick Welch, president of the S. A. F.

**John Young & Co.**

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

and O. H., who arrived with Mrs. Welch and a party of eight in a special car, August 4. President Welch was on his way to San Francisco to attend the annual convention of the S. A. F. He left Boston in the morning and at stops made at several cities in Massachusetts the local florists were on hand with gifts of flowers and boxes of candy for the ladies. The train arrived in Albany at 3:55 p. m., and a delegation of Albany and Troy florists was at the union station to extend a welcome. A large bouquet was added to the collection in the drawing car, and the ladies were also remembered with candy. The car was attached to a New York Central train for the west which left at 4:35 p. m. Stops were made at Syracuse, Rochester, and Buffalo on the way to Chicago. The party expected to reach San Francisco August 12 and plan to spend the following four days in sightseeing. They expect to leave San Francisco, August 23, for Los Angeles and plan to be in Chicago, August 30. They will reach New York on the return journey September 1, and Boston the following day.

George T. Sambrook of Sambrook Brothers, Troy, is expected home shortly after a 52 days' trip to the Pacific coast, during which he visited the two expositions. He is accompanied by his daughter. R. D.

VALUABLE EVIDENCE

Perhaps the greatest test of a real flower store is the ability to meet the variety of requirements for those in search of the unusual and original.

Florists who desire A No. 1 delivery service wire us and we will render our best and prompt handling.

A. LANGE, FLORIST

25 E. Madison St., CHICAGO, ILL.

Members of Florists' Telegraph Delivery Association.

Columbus, O.

MARKET GLUTTED WITH GOOD STOCK.

Gladioli and asters are about the only flowers in which there is any activity. Both are excellent stock, but the market is glutted, as a result of largely-increased local planting this year. A fetching effect seen in some florists' shops is a solid window of asters in fancy baskets of color to match the flower. Asters are bringing from 35 cents to 50 cents a dozen, and gladioli from 75 cents to \$1. Sunburst roses of a very fine quality are beginning to appear on the market, and some few cuttings of Ophelias are seen. In each case they are as yet more of a novelty than a regular feature of stock, but a couple of weeks hence will see them displayed in considerable quantities. Florists complain that hospital trade is far below the normal. The increase this year in outdoor and porch planting, so marked during earlier months, is still reflected in an unusual demand for Boston ferns. Funeral work has been fairly satisfactory so far during the summer. Local florists have about completed their planting of carnations.

NOTES.

The Munk Floral Company has discontinued its branch store in the lobby of the Brunson office building, where it coupled the sale of cigars with flowers. The experiment did not prove to be a financial success, and the company has disposed of its lease to a cigar concern.

Friends of R. W. Munk, of the Munk Floral Company, are pleased to learn that his wife, who recently underwent a serious operation at Grant hospital, following some weeks of illness, is convalescent, with prospects of speedy recovery.

A new and much more attractive location has been taken on by the

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

1333 W. 35th St., CHICAGO, ILL.

Hardesty Floral Company by the removal of its shop on Parsons avenue a little distance north, at the intersection of the same avenue with Oak street. C. C. J.

Washington.

Funeral work during the last few days has helped to keep the local trade busy. For the funeral of W. J. Boardman, all of the florists in this city supplied a few designs each and J. H. Small & Sons, Gude Bros. and George H. Cooke had orders for some very elaborate pieces.

M. Clark, representing Henry A. Dreer, Inc., Philadelphia, Pa., was a visitor this week. He also inspected the water lily farm of W. B. Shaw at Kenilworth.

Miss Toogood, bookkeeper for the Washington Florists' Co., is spending several weeks' vacation at Atlantic City and the New Jersey highlands.

David Bissett is adding two new houses, each 25 by 150 feet, to his range, which will be planted with a general assortment of stock.

A. Hopkins, of Z. D. Blackstone's staff, is receiving congratulations and wearing "the smile that will not come off"—Yes, it's a boy.

Mrs. Kimmel has closed her store for the balance of the summer season and will join her husband at Colonial Beach.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green. Per 100

20x 4x3, Teles. Cov.	\$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2 " "	2 50
21x 8x4 " "	2 65
24x 8x4 " "	2 90
28x 8x4 " "	3 25
28x 8x5 " "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope, Palm Green Untinted.	7 50

36x12x6, Telescope, Palm Green Untinted. 9 00
No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) \$2.50 per case
Fancy Ferns..... per 1000, \$1.25
Dagger Ferns..... per 1000, 1.00
Natural Moss..... per bag, 1.75
Perpetuated Moss..... per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

LYRATA \$2.50 Per Case

Fancy Ferns..... \$1 25 per 1000
Dagger Ferns..... 1 00 per 1000
Natural Moss..... 1 75 per Bag
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ANNUAL DUES Per year

Table with 2 columns: Population range and Annual dues. Rows include Cities less than 5,000 population (\$2.00), 6,000 to 200,000 (4.00), 200,000 population and over (10.00).

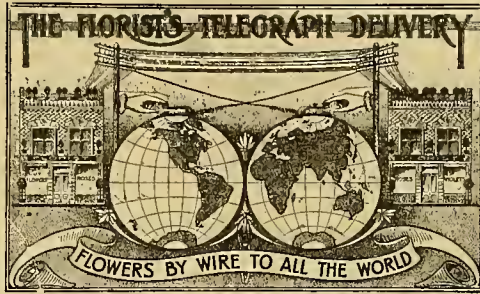
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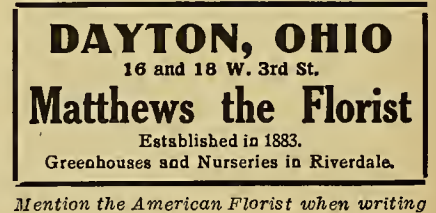
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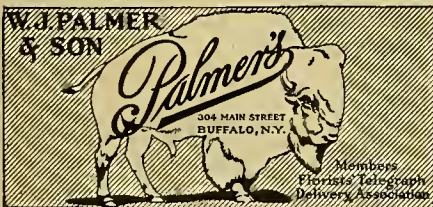
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- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
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- Frey & Frey, Lincoln, Neb.
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- London Flower Shop, Ltd., Philadelphia.
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- Denton, Tex.—Denton Floral Co.
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- New York—Thos. F. Galvin, Inc.
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Kansas City, Mo.


 Established over 20 Years.
 N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.
The Cleveland Cut Flower Co.
 Will fill your orders for designs and cut flowers in
NORTHERN OHIO.
 Mention the American Florist when writing

St. Louis, Mo.
 Wire or Phone Your Orders to the
HOUSE OF FLOWERS.
Ostertag Bros.
 The Largest Retail Supply House in the West
 Jefferson and Washington Ave.

Albany, N. Y.
EYES,
 Flowers or Design Work.
 Delivered in Albany and vicinity on telegraphic order.
 11 NORTH PEARL STREET
 Mention the American Florist when writing

Toronto, Can.
 Canada's best known and most reliable florist
Only the Best Dunlop's
 96 Yonge Street.
 We deliver anywhere in Canada and guarantee safe arrival.
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THOS. F. GALVIN INC.
 561 Fifth Ave.
NEW YORK Vanderbilt Hotel
BOSTON 1 Park Street
 799 Boylston Street
 Deliveries to Steamers and all Eastern Ports.
 Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.
J. B. KELLER SONS, FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

Houston, Texas.
Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160
Mention the American Florist when writing

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heintz)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

New York.
MYER, FLORIST, 609-811 Madison Ave
Phone 5297 Plaza.
Member of The Florists' Telegraph Delivery.

Memphis, Tenn.
The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
Rock's FLOWERS
Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"
16 N. 6th St., Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1519 Farnam St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON
TORONTO, CANADA

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE OKLAHOMA.
Members of The Florists' Telegraph Delivery.

Trade Directory
OF THE
United States and Canada

Price: \$3.00, Postpaid.

American Florist Co.,
440 S. Dearborn St., CHICAGO

Portland, Maine.
Floral Designs and Choice Cut Flowers
Portland Flower Store
631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount.
229 WEST THIRD STREET

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.
H. W. BUCKBEE.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Providence, R. I.

TRADE VERY QUIET.

The present business lull, which is to be expected during the hot months, has settled down too comfortably to please anyone, and at present there seems to be no indications of an early return of better business. A large number of regular store patrons have gone to the summer resorts, with the result that that channel of the trade has been somewhat cut off. This week asters are arriving in large quantities, as are also gladioli. There are very few carnations, almost all the growers have cleaned them out and are refixing the benches. A number of the growers are now bringing in good Boston ferns that are finding a ready sale. Sweet peas on account of the week of rain and cloudy weather we have had are not very good, but with a few days of good old sunshine they will soon be back again as good as ever.

Among other flowers noted here are cosmos, dahlias, phloxes and gypsophilas, but the call for these flowers is very light. At the greenhouses everything is active. Things never looked better at this time of the year. The early mums are looking good, the growers are all busy filling their carnation beds and from the present outlook the carnation crop this year should be a good one.

J. F. Wood opened his new flower store in the Strand theatre building August 7, under the name of the Strand Florist. Mr. Wood has a very neat store in this new building.

The last few days have kept nearly everyone busy with funeral work, while the cut flower trade is only moderate.

H. A. T.

Essex County, N. J., Florists' Club.

ANNUAL OUTING.

The second annual outing of the above named club was held at Gillette, N. J., August 5. It had been planned to hold it on the day previous but the great storm prevented. However, storms clear the air, and when the club members and their friends assembled at Lincoln park, Newark, N. J., the weather was perfect. A number of automobiles were in waiting and the party, numbering nearly 150, were taken 17 miles through a beautiful country to the grove at Gillette. On the trip many evidences of the storm, as damaged crops and roads, were noted, but no mishaps occurred. Upon arrival at the grove, more evidence of the storm was seen. The Passaic river had overflowed its banks and a part of the ground was a lake, which in the end furnished great amusement for some of the boys, who like ducks, love the water. Some of the New York visitors were surprised that clams, lobsters and fish in such large quantities could be found so far inland, but they were there in great plenty. We have said clams, lobsters and fish, because we are not certain whether clams and lobsters are fish or animals. We intend to submit that question to our friend, Joe Manda, who was on the ground and is an expert on such matters.

Continuing our story, there was clam chowder to start with, then on a great mound of fire, clams, bluefish and sweet potatoes were baked and corn and chickens were roasted. We believe roast is the proper word for corn and chicken, but it was all done on one big fire. We may add that two good meals were served with accompaniments of various liquid refreshments. There was a game of baseball, jumping and races.

The officers of the club are: John A. Rassbach, president; Henry Harnecker, vice-president; Edward Jacobi, Jr., sec-

retary; Edwin Persson, treasurer. The outing committee was as follows: Richard Yuill, chairman; James J. McLaughlin, secretary; A. C. Bergerow, treasurer; W. L. Jones, Ernest Hansmann, R. Plebarny and John L. Pfeuffer. All these gentlemen were untiringly active in their efforts to show everybody a good time and they were eminently successful. Our old friends, John Crossley, W. G. Badgley, W. G. Muller, Jacob Hauck, W. Brunner, and others, were also active in lending a hand. A large number of ladies and children added gaiety to the occasion. Visitors from New York were: Walter F. Sheridan, Charles Schenck, Patrick J. Smith, Harry Riedel, A. H. Langjhar, Roman J. Irwin and wife, and J. K. Allen and wife, whose home is near Newark.

The winners in the various events follow:

Baseball game, Married vs. Single men—Won by married men; umpire, W. G. Badgley; scorer, H. C. Riedel. It was a four-inning game and a home run was made by E. Hausmann in the third inning.

Standing broad jump—Harry McDonough, first.

One hundred yard dash for men under 35 years—Ernest Hausmann, first.

One hundred yard dash, men over 35 years—Harry Stein, first.

Three-legged race—G. Haden Plebarny and Harry McDonough, first.

Married ladies' race, 25 yards—Mrs. R. J. Irwin, first.

One hundred yard dash, married ladies—Mrs. Ernest Hausmann, first.

Children's race—Miss Elizabeth Pfeuffer, first.

Our Motto for Progressiveness

Customers must be satisfied, has made our unexcelled delivery possible.



Send us your next order for Washington, D. C., and vicinity, if you appreciate quality, quantity and mode of good conduct.

GUDE BROTHERS CO.

Florists and Floral Decorators, Washington, D. C. Members of the F. T. D

Tug of war, Married vs. Single Men—Won by single men.

The automobile trip back to Newark in the cool evening completed the day's events, and the Essex County Florists' Club had made a bright spot on the map of New Jersey.

A. F. F.

Horticultural Society of New York.

There will be an exhibition (principally gladioli) of this society, Saturday and Sunday, August 21-22, in the Museum building, New York Botanical Garden. An invitation is extended to all interested to take part in this exhibition. Schedules are now ready, and will be sent upon application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York.

GEORGE V. NASH, Sec'y.

NORTH YAKIMA, WASH.—A. H. Harrison, who has been first field deputy in this district, has resigned and will accept a position with the Kentucky Tobacco Products Co., of Louisville, Ky.

SOUTHINGTON, CONN.—Frederick N. Francis and John Olson have acquired the Francis Greenhouses on West Center street. They will be taken down and removed to the corner of Main and Bristol streets.

DETROIT, MICH.—A stranger who previously ordered a \$4 bouquet by phone and presented a worthless check in payment, is being sought by the local authorities charged with swindling the Miller Floral Co. out of the flowers and \$5 in cash in addition.

A BUSINESS BUILDING OPPORTUNITY


SALES CO-OPERATION FOR WITTBOLD CUSTOMERS

Read this retail newspaper advertisement. Study it. Wouldn't this ad look good in your local newspapers with your name attached to it?

Special

This \$2.50
Boston
Fern

\$1.50



THIS exceptional offer is possible only in the summer time, when plants are cheapest. Think of it—splendid specimen Boston Ferns in 8-inch pots—luxuriant pot-grown plants—healthy and well established—regular \$2.50 values for only \$1.50 each.

Our supply is limited, so secure one of these beautiful house plants now.

YOUR NAME
in this space

The Florist who makes the biggest noise is most successful today. To make noise you must advertise—and back up your advertising with genuine **bargains**

Then why not arrange to sell these high-class Boston Ferns—a \$2.50 value—for \$1.50 each this summer?

Here is how you can do it and make 50% profit

We will sell you the Boston Ferns just as described in the retail ad above for only \$1.00 each, with an allowance of 10% off to cover freight. If your order is for 12 Ferns or more, we will furnish you with an electrötype of the retail ad free.

Think it over quick. You can sell big quantities of these Wittbold Boston Ferns this summer. **This offer will make a noise in your town that will bring you lots of new customers.** There will be other Wittbold Specials to follow this one. So get in line with our many successful customers and

WIRE, PHONE OR MAIL YOUR ORDER TODAY

THE GEO. WITTBOLD CO.

739 Buckingham Place,

L. D. PHONE
GRACELAND 1112

CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

ROCHELLE, ILL.—The Rochelle Seed Co. has closed its establishment.

NILES, MICH.—John Bauman will reopen his seed warehouse in the near future.

SEEDS valued at \$28,555 were imported from Germany by the United States in May, 1915.

LEXINGTON, KY.—With limit of liabilities fixed at \$100,000, the name of C. S. Brent, Inc., has been changed to C. S. Brent Seed Co.

CHICAGO.—Prices for grass seed on the Board of Trade August 11 were as follows: Timothy, \$5.50 to \$7.00 per 100 pounds.

VISITED CHICAGO: George H. Dicks, of Cooper, Taber & Co., London, Eng.; Eltweed Pomeroy, LaGranja, Donna, Tex.; A. T. Ferrell, of A. T. Ferrell & Co., Saginaw, Mich.

PHILADELPHIA, PA.—Jas. J. O'Brien, receiver for the Johnson Seed Co., reports liabilities \$21,000, assets \$5,000 to \$15,000. The latter will be offered at public sale August 24.

CLARINDA, IA.—The Berry Seed Co., Inc., has increased its capital stock from \$75,000 to \$150,000, fully paid up. The company with its reserve now has a working capital of \$200,000.

FRENCH BULBS just arrived in New York are none too bright in appearance or above grade in size. Their condition seems to indicate lack of skilled labor in assorting as well as in packing.

EXAMINATIONS for the position of aid for seed testing in the United States department of agriculture at Washington, D. C., will be held August 18. The position pays \$720 per annum and is open to both men and women.

SPRINGFIELD, Mo.—At the annual meeting of the Springfield Seed Co., R. R. Ricketts, president; W. B. Murray, vice-president; A. S. E. Sanders, secretary and treasurer, and M. C. Baker and M. D. Ricketts, directors, were re-elected.

ON the farm of Charles Hyde of Southbridge the second crop of alfalfa grew 15 inches in the 15 days after the first crop was harvested, according to Prof. Hasket of Massachusetts Agricultural College, who kept a record of the growth for that period.

FRENCH advices of July 30 indicate an advance in Narcissus Paper White Grandiflora, 13-centimeter up to 20 francs, and 14-centimeter up to 25 francs, and add the information that Hollanders and certain American growers are asking for prices on 12-centimeter sizes.

ONION SETS at Chicago now in the crates, but a small percentage of the crops in the field, do not present an attractive appearance and their keeping qualities are certainly open to suspicion. All hands are active in the fields now lifting the crop as fast as possible. We have had five days without rain, starting again August 11.

Danish Seed Crops.

Carlos Jensen, representing L. Daehnfeldt, Ltd., Odense, who recently arrived in the United States, reports that owing to drought, insect or other unfavorable conditions crops of beans, beets, cabbage, carrot, chervil, dill, parsley, peas, radish, red cabbage, salsify, celery, spinach and turnip are middling to poor. Cauliflower and brussel-sprouts give good promise. In flower seeds biennials are promising but the annuals are late owing to cold and dry weather.

German Seed Crops.

According to mail advices just received the area of biennial flower seeds is about the same as in former years and the plants are in excellent condition. The dry weather helped materially to develop the flowers and a good crop may be expected. Pansies suffered from the heat but recovered well under the recent rains and the crop will be more than middling. Larkspurs are exceptionally fine and promise a good harvest. Hollyhocks are fine and healthy so far. Asters suffered somewhat during the excessive heat, but the plants saved are full of vigor and are sure to recover under the present cool weather. Perennials are doing well, the heat having done no harm to the early and second early crops. At present delphiniums, gaillardias, lychnis and such like perennials make a good show.

The novelties will include *Dimorphothea aurantiaca* in many new colors, *Myosotis alpestris elegantissima carminea*, the darkest of the red-flowered Alpine forget-me-nots (perfectly distinct from all other red or pink varieties as proven by the color of the seed which is dark gray instead of black), and *Ricinis laciniatus*, a distinct new variety of medium height with deeply cut leaves, the lobes being divided nearly to the stalk, elegantly narrow, the appearance of the whole plant graceful.

Long Island Seed Crops.

Floral Park, July 28.—Cabbage seed on the Island, in so far as my crops are concerned, is somewhat above the average yield. The sample of seed is very good. The wet season we have had filled the pods out well, so that there is very little small seed. Kale is not so good as it has been for the past three seasons, due to the poor start that it got last fall. The weather was exceedingly dry at the time of sowing and the result was small stock, which was hurt by lice. The yield was about 500 pounds per acre.

A.

Mattituck, July 28.—The cabbage seed harvest is now well under way, and for the most part the yield promises to be a fair one. Some fields have been badly blighted and the result on the different varieties will be quite uneven, although the average result we think may be regarded as fairly satisfactory. It is probable that a delivery of from 60 to 75 per cent of the

early varieties will be made on contracts, while the late ones are quite likely to be delivered in full or very nearly so. L.

New Jersey Seed Crops.

Pedricktown, July 28.—Our season as a whole from the time seeding started and plants were first set in the fields last spring has been very unfavorable to plant growth, to say nothing of insects which were more numerous and destructive than ever before in our experience. The rain fall has been abnormal and ruinous to crops in flat lands. The excessive moisture and hot suns have brought blight and aphid on vine crops, especially muskmelon and cucumber. The latter is practically a failure in this section. Pepper and tomato crops have been hard hit by cutworms and beetles, causing much replanting and in some instances fields are very uneven and backward. Egg plants have not escaped anything and have been attacked by aphid, root and branch. Some fields have been plowed up. Both summer and winter squash and pumpkin are backward only crop that has not suffered to any extent and is normal, with a goodly and uneven stands. Field corn is the acreage. If we can have dry weather from now on, with an occasional shower and a good warm fall, we may get a fair harvest of seed, but crops and weather conditions do not look very encouraging at present.

P.

Swedesboro, July 27.—The tomato crop does not look over 75 per cent, egg plant, 75 per cent; pepper, squash and pumpkin, 100 per cent; cucumber, cantaloupe and watermelon, 20 to 25 per cent. Corn looks good. We are having heavy fogs, which are killing the tomato vines, and the continued wet and cold weather is retarding the growth of all crops. Vine crops are in particularly bad shape; many fields will be failures. H.

Important Fall Fairs in Ontario.

The agricultural societies' branch of the Ontario department of agriculture recently issued a list of 309 fairs to be held in the province the coming fall. The more important (at places of approximately 5,000 or more population) are as follows:

Kenera, August 26-27; Canadian National Exhibition, at Toronto, August 28-September 13; Windsor, August 31-September 3; Belleville, September 6-7; Brockville, September 6-8; Cornwall, September 9-11; Ottawa, Central Can-

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

ada Fair, September 10-18; Western Ontario Fair, at London, September 10-18; Oshawa, September 13-15; Fort William, September 14-17; Hamilton, September 15-18; Peterborough, September 16-18; Strathroy, September 20-22; Barrie, September 20-22; Chatham, September 21-23; Collingwood, September 22-25; Midland, September 23-24; Paris, September 23-24; Lindsay, September 23-25; Petrolea, September 23-24; Woodstock, September 23-24; Goderich, September 28-30; Kingston, September 28-30; Sarnia, September 28-30; Cobourg, September 29-30; Sault Ste. Marie, September 29-October 1; Galt, September 30-October 1; Orillia, September 30-October 1; Ingersoll, October 4-5; Port Hope, October 5-6; Welland, October 5-6; Owen Sound, October 6-8; Arnprior, October 8-10.

"Vegetables for Profit."

The full title of this 174-page paper covered book is "How to Grow, Pack and Ship Vegetables for Profit," by Chris. Reuter, of New Orleans, La., in which he gives the result of his 36 years' experience and observations in gardening, farming, marketing, etc., in the south. The author covers a wide field very thoroughly, giving much information of value to southern truckers. The long list of contents includes: "Marketing and Distribution," "Water Supply," "Good Roads," "Shipping Facilities," "Truck Growers' Associations," "Profits and Losses," "Storing Perishable Vegetables," "Use of Hot Beds and Cold Frames," "Acres to Plant for Carload Daily," "Shipping Rules and Grades," "Packing Fruits and Vegetables," "Spraying Methods for the Vegetable Garden," "Frost Notes," etc.

Imports.

During the week ending August 7 imports were received at New York as follows:

- Muller, Schall & Co., 200 barrels clover seed (Havre, France), 125 barrels seeds (Havre, France).
- Byrnes & Lowery, 11 barrels beet seed, 4 barrels turnip seed (London).
- L. D. Crossmond & Co., 11 cases bulbs, 1 barrel bulbs (Bermuda).
- New York Botanical Garden, 13 cases live plants (Bahia).
- Vaughan's Seed Store, 252 cases bulbs (Marseilles).
- J. W. Hampton, Jr., & Co., 23 cases bulbs (Rotterdam).
- Naday & Fleischer, 1 case plants (Havre, France).
- F. R. Pierson Co., 64 cases bulbs (Bermuda).
- F. B. Vandegriff & Co., 4 cases bulbs (Rotterdam).
- American Shipping Co., 2 cases bulbs (Rotterdam).
- Winter, Son & Co., 2 sacks grass seed (London).
- Maltus & Ware, 1 case live plants (Cartagena).
- P. Henderson & Co., 44 cases bulbs (Bermuda).
- Jacot & Mullen, 167 bags clover seed (London).
- R. F. Lang, 21 cases bulbs (Rotterdam).
- To order, 107 bags seeds (Marseilles).
- To order, 130 bags seeds (London).
- To order, 12 bags seeds (London).
- To order, 150 barrels seeds (Bermuda), 179 barrels seeds (Havre, France).

Flower Seeds for Present Sowing

PANSY—Barnard's Florists' Mixture

For Size of Bloom and Rich Colors, Excelled by None

Trade Pkt., 25c; 1/8 oz., \$1.00; 1/2 oz., \$3.50; oz., 7.00.

GIANT MIXTURE—Trade Pkt., 20c; 1/8 oz., 50c; oz., \$4.00.

CALCEOLARIA, Hybrida Grandiflora..... Trade Pkt., 50c

CINERARIA, Hybrida Grandiflora..... Trade Pkt., 50c

PRIMULA, Sinensis Fimbriata, choice varieties, in separate colors and mixed. Tr. Pkt., 50c

SEEDS OF HARDY PERENNIALS. Very complete assortment.

10 per cent off for cash on orders for flower seeds.

THE W. W. BARNARD CO., SEEDSMEN, **CHICAGO**
231-235 W. Madison Street,

Simon Louis Freres & Co.

SEED GROWERS

Bruyeres-le-Chatel, Seine et Oise, France

We are sellers for immediate delivery of Asparagus, Broad Beans, Beets, Broccolis, Brussels Sprouts, Cabbage, Carrots, Cauliflowers, Celery, Chicory, Dandelion, Leeks, Lettuce, Mangel, Onion, Parsley, Parsnip, Radish, Vegetable Marrow, Swiss, Turnip, Swedes, Grass Seeds, Clover Seed.

We are buyers of Poa-pratensis, Timothy, Meadow Fescue, Field Grass.

OUR wholesale price list, for the trade only, of

High Class Bulbs

for forcing and for outdoor planting is now ready for distribution.

Drop us a postal for your copy—it contains information of interest and value.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

COLD STORAGE

VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100.

Florists' Money Maker, best Valley at moderate prices, \$14.00 for 1000; \$7.50 for 500; \$4.00 for 250.

H. N. BRUNS

3032 Madison Street, CHICAGO

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

THE G. HERBERT GOY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Cyclamen Seed

To get best results sow early

STUART LOW CO.'S

superb strain, including:

- Low's Salmon King
- Pink Pearl
- Mrs. Buckston
- Vulcan
- Giant White
- Princess May
- Phoenix, Etc.

1915 crop just harvested.

Also STREPTOCARPUS, finest strain.

Royal Nurseries

Bush Hill Park

ENFIELD, ENGLAND.

Mention the American Florist when writing

MY

Winter Orchid Sweet Peas

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the Panama-Pacific Exposition.

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK
Lompoc, Calif.

Daehnfeldt's Danish Quality Seeds



CABBAGE
DANISH ROUNDHEAD
Shortstemmed

Cauliflowers, Cabbages, Rutabagas,
Mangels, Pansies, Asters,
Cyclamens, Stocks, Etc.

== Are Recognized All Over the World. ==

Ask Them from Your Seedsmen.

If you have not received our preliminary price list for delivery after harvest 1915,
write our Representative, **Mr Axel Knudson, 1709 10th Ave., So.,**
Minneapolis, Minn. to send you one.

L. DAEHNFELDT, Ltd., Seed Growers, **Odense, Denmark.**
Cable Address: Daehnfeldt-Odense.

Mention the American Florist when writing

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes**, green and natural,
different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale
Farm.

Bristol, Pa.

Mention the American Florist when writing

THE J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar. Flint and Field Seed Corn.

Mention the American Florist when writing

FINEST Pansy Seed QUALITY

My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture, 1 pkt. 5000 seed, \$1.00; 1/2 oz., \$2.00; 1 oz., \$4.00. Cash with order. **E. B. JENNINGS,** Southport, Conn.
Lock Box 254. Grower only of Fine Pansies.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDESBORO, N. J.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Seed for list.

Wood Brothers, FISHKILL
New York

Mention the American Florist when writing

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

AMERICAN FLORIST CO.

440 So. Dearborn St.

CHICAGO.

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt. Buchner, Ricard, Perkins,
Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Beaton and Whitman Ferns; 3-in., 10c; 4-in., 15c;
5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c;
5-in., 25c each.
Rex Begonia, 2 1/4-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.

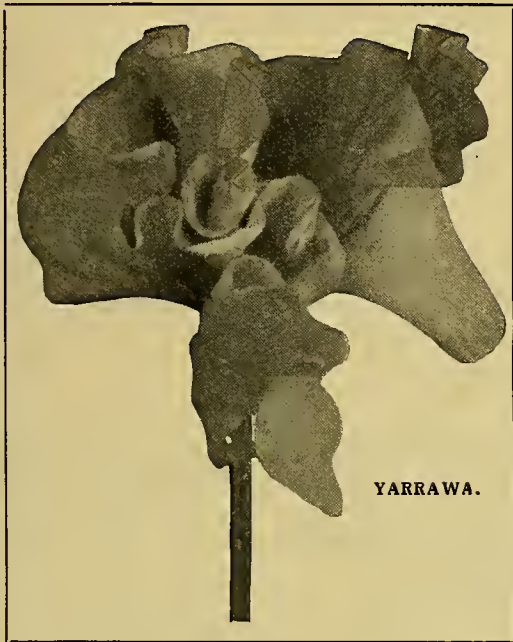
Cash with order,

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

Burpee's Winter-Flowering Spencer Sweet Peas

Originated at Fordhook Farms and grown at Floradale Farm. Absolutely fixed—true to color and type.



We began hybridizing the original Winter-Flowering Sweet Peas, namely, **Burpee's Earliest of All** (Christmas Pink), **Burpee's Earliest White**, **Burpee's Earliest Sunbeams** and **Burpee's Re-selected Earliest of All** with the finest varieties of the summer flowering Spencers at our **FORDHOOK FARMS** in 1909. It is, however, quite a slow process to thoroughly "true" and "fix" these seedlings, and it being against the principles of our business to put any novelty on the market in an unfixed condition, we are offering only two varieties at present. The stocks of these, we know to be absolutely fixed, true to color and type. After our crops are harvested we may be in a position to offer, in a limited way, several other winter-flowering novelties, particulars of which will be found in Burpee's Annual for 1916.

FORDHOOK PINK

This is the result of a cross made at our Fordhook Farms in 1909. The color is a beautiful shade of rose-pink on white ground; the coloring deepening towards the edge of the standard and wings. The flowers are of largest size, exquisitely waved and usually produced in threes and fours on long stems. Unsurpassed for cut flower trade. Awarded **Certificate of Merit** at the Spring Show of the **PENNSYLVANIA HORTICULTURAL SOCIETY**, Philadelphia, March 23, 1915.

In sealed packets containing twelve seeds each. Per pkt., 25 cents; ¼ oz., \$1.35; ½ oz., \$2.25; per oz., \$4.00.

FORDHOOK ROSE

The result of a cross made at our Fordhook Farms in 1910. This lovely novelty is a charming shade of rosy carmine. The flowers are of largest size and usually borne in threes and fours on long stiff stems. Awarded **Certificates of Merit** at the **INTERNATIONAL SHOW**, New York, March 20, 1915, and at the Spring Show of the **PENNSYLVANIA HORTICULTURAL SOCIETY**, Philadelphia, March 23, 1915.

In sealed packets containing twelve seeds each. Per pkt., 25 cents; ¼ oz., \$1.35; ½ oz., \$2.25; per oz., \$4.00.

YARRAWA

The Sweet Pea par-excellence for Winter Flowering under glass.

We were awarded **Certificate of Merit** for this superb novelty at the **INTERNATIONAL FLOWER SHOW**, in New York, March, 1914, at the Spring Show of the **PENNSYLVANIA HORTICULTURAL SOCIETY**, Philadelphia, March, 1915.

YARRAWA is an easy and good "doer," invariably giving excellent account of itself whether grown in pots, boxes, raised benches or solid beds.

YARRAWA has the heavy foliage and rank strong growth of the summer-flowering type and is a true winter blooming Spencer. From seed sown early in October at Fordhook Farms, the plants came into bloom December 20th and flowered profusely until May. The flowers are exquisitely waved and when well grown will average two and one-half inches in diameter, many of them being duplex, or double flowered, thus adding greatly to the general effect of the bunch. They are borne usually in fours on extra long, strong stems. The color is a most pleasing shade of bright rose pink, with light wings.

Floradale-grown seed exclusively—¼ oz., \$1.00; per oz., \$3.50; ¼ lb., \$12.50; lb., \$45.00.

W. ATLEE BURPEE & CO.

Seed Growers,

Burpee Buildings, Philadelphia



French Paper White Grandiflora (Now Due)

Fancy (1250 bulbs to case)..... **\$ 9.00** Per 1000
 Star Brand (1000 bulbs to case)..... **11.00**
 Precocious, Vaughan's Extra Early Grandiflora
 Select Bulbs..... **9.00**
 Mammoth Bulbs..... **12.00**

Lilium Formosum (New Crop)

7-9 inch (250 bulbs to case).....per 1000, **\$60.00**
 9-10 inch (180 bulbs to case).....per 1000, **80.00**

Lilium Harrisii— NEW CROP JUST IN.

Best Bermuda Stock. From rogued fields.

6-7 inch (335 to case) **\$50.00** Per 1000
 7-9 inch (200 bulbs to case)..... **75.00**

Cold Storage Lilies

SPECIAL PRICES to "clean up." Per case
 Giganteum, 7-9 inch (300 bulbs to case) **\$15.00**
 " 9-10 inch (200 bulbs to case) **16.50**
 Formosum, 8-9 inch (225 bulbs to case) **14.00**

Freesias

	Purity (True).		Vaughan's Improved Purity.		French Grown.		
	Per 100	Per 1000	Per 100	Per 1000	Per 100	Per 1000	
$\frac{5}{8}$ -in. and up.....	\$2.00	\$18.00	$\frac{5}{8}$ -in. and up.....	\$2.00	\$18.00	Jumbo, $\frac{3}{4}$ -in. and up.....	\$10.00
$\frac{1}{2}$ in. to $\frac{5}{8}$ -in.....	1.60	13.00	$\frac{1}{2}$ -in. to $\frac{5}{8}$ in.....	1.75	15.00	Mammoth, $\frac{1}{2}$ -in. to $\frac{3}{4}$ -in.....	8.00
$\frac{3}{8}$ inch diameter.....	1.25	10.00	$\frac{3}{8}$ -in. to $\frac{1}{2}$ -in.....	1.50	12.00		

New Crop Calla Bulbs Now on Hand.

VAUGHAN'S SEED STORE, Chicago and New York

FREESIA BULBS

TRUE PURITY

	Per 100	Per 1000
$\frac{5}{8}$ inch diameter.....	\$1.80	\$16.00
$\frac{1}{2}$ inch diameter.....	1.50	14.00
$\frac{3}{8}$ inch diameter.....	1.20	11.00

COLD STORAGE LILIES

Giganteum, 9-10, 200 to case.....\$17.00
 Giganteum, 7-9, 300 to case..... 15.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
 411-413 Washington Ave., ST. LOUIS, MO.
 Write for our Fall Trade Catalogue.

97th Year

J. BOLGIANO & SON,
 Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes
 Growers of Pedigree Tomato Seeds
 Baltimore, Md.

Mention the American Florist when writing

Trade Directory

PRICE, \$3.00,
 POSTPAID.

AMERICAN FLORIST CO.
 440 S. Dearborn Street,
 CHICAGO.

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
 Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

FERNS IN FLATS

ALL VARIETIES

We ship by express during July and August, stock ready for 2 $\frac{1}{2}$ -in. pots in flats of about 110 clumps, which can be divided.

Price, \$2.00 per flat

20 or more flats, \$1.75 each.

Packing included.

Order now while we have full list of varieties to select from.

Write for illustrated folder.

McHutchison & Co.
 17 Murray Street, NEW YORK

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Henry Fish Seed Co.

Bean Growers for the
 Wholesale Seed Trade

CARPINTERIA, CALIF.

STECHEER'S

Seedsman's Supplies

**Seed Bags,
Folding Boxes, Hangers and
Catalogue Covers**

STECHEER LITHOGRAPHIC COMPANY

ROCHESTER, N. Y.

Our Sales To Date 376,000

Freesia Purity and Calla Bulbs

WE CONTROL THE CREAM. Our stock is the finest grown. Second and third orders from this year's customers prove our claim. Wire or mail your orders; we fill in succession. 5% discount on all orders accompanied by cash, in answer to this advertisement.

For quick sale we are offering the balance of our stock of

True Freesia Purity Bulbs

AT ALMOST COST

	Per 100	Per 1000
3/4 to 1-in. dia.....	\$1.25	\$9.00
5/8 to 3/4-in. dia.....	1.00	7.50
1/2 to 5/8-in. dia.....	.75	5.00
500 at 1000 rate.		



Special prices on large quantities when cash is sent with order. We prepay the express to your city.

**Send us, NOW,
your order for your**

CALLA BULBS

They Never Will Be Cheaper

	Per 100	Per 1000		Per 100	Per 1000
2 1/2 to 3-in. dia.....	\$7.00	\$60.00	1 1/2 to 2-in. dia.....	\$5.00	\$40.00
2 to 2 1/2-in. dia.....	6.00	50.00	1 to 1 1/2-in. dia.....	2.00	15.00

Freight prepaid when cash is sent with order to your City. We always make good when Bulbs are damaged on the way.

Don't Wait—Write at Once.

SANTA CRUZ BULB & PLANT CO.,

21 Pacific Avenue,
SANTA CRUZ, CALIF.



PRINCESS. 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

- 500 Seeds 20c; 1000 Seeds 35c; 1/4 oz., \$1.00; 1/2 oz., \$2.00; 1 oz., \$7.50.
- 38—Mme. Perret—Red and wine shades.
- 40—Zebra—Flue striped mixture.
- 42—Adonis—Light blue, white center.
- 44—Black—Almost coal black.

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

- 22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3 1/2 to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, and many others. Light, Medium or Dark Mixtures.
- 26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long.
- 28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance.
- 30—GIANT THREE AND FIVE BLOTCHED PANSIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are \$5.00 per oz.; \$1.25 per 1/4-oz.; 5000 seeds, \$1.00; trade packet of 1000 seeds, 25c; any 5 pkts, \$1.00. Please order by number.

- 48—Lord Beaconsfield—Purple shaded white.
- 50—Bronze—Beautiful bronze.
- 62—Cecily—Steel blue, margined white.
- 64—Goliath—Large curled yellow, blotched.
- 68—Emp. William—Ultramarine blue.
- 84—Superba—Orchid tints of red and wine.
- 86—Sunlight—Yellow with brown blotches.
- 88—Andromeda—Curled apple blossom.
- 90—Colossea Venosa—Light veined shadea.
- 92—Almond Blossom—Delicate rose.
- 94—Aurora—Terra cotta shades.
- 97—The above named Orchid mixed.
- 98—Indigo Blue—Deep velvety blue.
- 100—Light Blue shades.
- 104—Meteor—Bright red brown.
- 106—Pres. McKinley—Yellow, dark blotched.
- 114—Purple—Large rich deep color.
- 116—Peacock—Blue, rosy face, white edge.
- 118—Psyche—Curled white, five blotches.

- 126—Red—A collection of rich red shadea.
- 138—White—Large satiny white.
- 140—White with violet blotch.
- 142—Yellow—Large golden yellow.
- 144—Yellow with dark blotch.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every \$1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow, and with other amounts in like proportion.



Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster Cosmoa, Mignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

The Everett B. Clark Seed Co. GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip, Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Boston Ferns for Planting

	Per 100	Per 1000
Heavy Stock, 2 1/2-inch	\$5.00	\$45.00
BEGONIA CINCINNATI, 3-inch,	20.00	175.00
BEGONIA LORRAINE, 3-inch,	18.00	170.00

Ready for 4-inch.

ASPAR. PLUMOSUS NANUS, 2 1/4-in.,	3.00	25.00
“ “ “ Seedlings,		6 00
“ SPRENGERI, Seedlings, - -		6.00

AMPELOPSIS VEITCHII, strong 3 year pot plants, doz., \$3 50; per 100, \$25.00

PRIMULA OBCONICA, asst. and PRIMULA MALACOIDES, strong 2 1/2-inch pot plants; per 100, \$4.00; per 1000, \$35.00.

ASK FOR QUOTATIONS ON FALL STOCK.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street, CHICAGO.

43 Barclay Street, NEW YORK.

Greenhouses, Western Springs, Ill.

Trade Directory

Price: \$3.00, postpaid

American Florist Co.,

440 S. Dearborn Street,

CHICAGO

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application. LAGER & HURRELL, Summit, N. J.



Vaughan's Pansy Seed For Florists

All Good Germination
New Stocks Weekly

GIANT MIXED Embraces besides all the separate shades and colors, five special strains not listed elsewhere and which can only be had in this and our International mixture. Trade pkt., 25c; ½ oz., 60c; oz., \$4.00; ¼ lb., \$14.00.

INTERNATIONAL This is one of the specialties which has established the reputation of Vaughan's Flower Seeds and one which we maintain most carefully. To this and our Giant mixture of Pansies we add each year a number of new varieties selected from the collections of the foremost pansy specialists in Europe. Trade pkt., 50c; ½ oz., \$1.50; ¼ oz., \$5.00; oz., \$10.00.

VAUGHAN'S CUT FLOWER MIXTURE This mixture is put up especially for cut flower growers and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut flower growers, who have realized big returns from the sale of the flowers. Tr. pkt. 50c; ½ oz., 85c; ¼ oz., \$1.50; oz., \$5.00.

Twenty
Years
Constant
Use and
Approval

Vaughan's Named Giants.

	Trade pkt.	½ oz.	oz.
Adonis, light blue with a white center.....	\$0.10	\$0.20	\$1.20
Beaconfield, lavender and purple.....	.10	.20	1.20
Bridesmaid, rosy white, dark blotches.....	.15	.30	2.00
Cardinal, brightest red.....	.15	.30	2.00
Emperor Francis Joseph, pure white with violet blue blotch on each petal.....	.25	.50	...
Emperor William, dark navy blue.....	.10	.20	1.20
Mad. Perret, lovely shades of pink and rose.....	.10	.20	1.25
Marechal Niel, delicate cream color.....	.10	.25	1.60
Mauve Queen, many.....	.10	.25	2.00
Masterpiece—New Giant Curled or Spencer, superb red and brown shades.....	.15	.30	2.00
Orchid-Flowered, the ground color is light, the petals marked with golden yellow blotches veined toward edges.....	.15	.25	1.75
Orchid Mammoth, light greenish yellow ground, purple blotches.....	.25	.50	3.00
Parisian Striped, stripes are broad and distinct.....	.10	.20	1.50
President Carnot, five blotched white.....	.15	.30	2.00
President McKinley, five blotched yellow.....	.15	.30	2.00
Victoria, claret red.....	.15	.25	2.00
Volcano, red, large dark blotch.....	.15	.35	2.50

40 Other Standard and Rare Named Sorts.

Ask for Mid-Summer List of Flower Seeds and Bulbs

OTHER SPECIAL MIXTURES

	Trade pkt.	½ oz.	oz.
Trimardean, Standard Mixture, all colors.....	Lb., \$12.00	\$0.10	\$0.20 \$1.00
Paris Market, improved Trimardean, all colors.....	Lb., \$16.00	10	20 1.25
Cassier, French, 3 and 5 spotted, All Strain.....		15	25 1.50
Bugnot, thickest petaled and most velvety of all French Giants introduced by us in America, seed costing us \$30.00 per oz.....		15	30 2.00
Orchid, Superba, of best selection, blotched and veined type.....		25	50 3.00
Orchid Regular Mixed.....		15	25 1.75

Solid Colored Giants.

	Trade pkt.	½ oz.	oz.
Black, giant lusterless.....	\$0.10	\$0.25	\$1.50
Indigo King, deepest purple.....	10	25	1.50
Pink, hydrangea shade.....	15	30	2.50
Blue, violet.....	10	25	1.40
White, giant, violet eye.....	Lb., \$14.00	10	20 1.25
White, Aurora, pure.....		10	20 1.20
Yellow, giant, dark eye.....	Lb., \$14.00	10	20 1.25
Yellow, Golden Queen, pure.....		10	25 1.50
Purple, giant, deep.....		10	25 1.50

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

SPECIAL SALE OF Asplenium Nidus Avis (Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

4-in. pans.....	\$ 4.00 per doz.
5-in. pans.....	6.00 per doz.
6-in. pans.....	12.00 per doz.
7-in. pans.....	15.00 per doz.
8-in. pans.....	24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.
Fernish Ferns in flats and 2¼-inch pots a Specialty.
H. PLATH, THE FERNERIES,
Lawrence and Winnipeg Aves.,
SAN FRANCISCO, CALIF.

Mention the American Florist when writing

POINSETTIAS

CLEAN, TRUE STOCK

2½-inch, in paper pots.....\$5.00 per 100; \$45.00 per 1000

READY NOW

Begonias Corallina and De Lesseps, 2½-inch.....\$5.00 per 100

Stuppy Floral Co., St. Joseph, Mo.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

FARGO, N. D.—W. C. Stephens will enter the nursery business in this city.

TIPTON, IND.—Wilson Chandler, veteran nurseryman, and resident of this city for more than 40 years, is dead at the age of 75 years.

DALLAS, TEX.—The 1915 premium list for the Texas state fair to be held in this city October 16-31 is ready for distribution. The list is larger and more comprehensive than ever before.

BRAVO, MICH.—The Michigan State Horticultural Society, in conjunction with the Sangatuck Horticultural Society and the South Haven and Casco Pomological Society, held a midsummer meeting, August 12. An auto trip through the Bravo fruit district was one of the features of the programme.

MCKINNEY, TEX.—At a meeting of the McKinney Nursery Co., July 27, the capital stock was increased from \$20,000 to \$30,000 and officers were elected as follows: W. W. Robinson, president; F. K. McGinnis, vice-president; W. A. Dowell, second vice-president; W. E. Anderson, secretary-treasurer. Offices will be maintained in this city and at Dallas.

Florida Nursery Ruling.

The new rule concerning the certification of nurseries, which was adopted by the state plant board, has been objected to because, some nurserymen contend, it increases their burdens. The rule requires that the certification tags which are required by law shall be purchased of the state nursery inspector, and that a complete record of sales be kept and sent to the inspector.

American Pomological Society.

The thirty-fourth biennial meeting of the American Pomological Society will be held at Berkeley, Calif., September 1-3, with an elaborate programme. Prominent fruit growers from all sections of the United States will be in attendance and many from foreign countries. Many of the eastern members will assemble at St. Louis, Mo., for the western trip leaving that city August 15, the itinerary being as follows:

Leave Eastern cities.....	August 14,	—	p. m.
Leave St. Louis, 4 cars.....	August 15,	—	p. m.
Leave Grand Canyon.....	August 19,	6:00	p. m.
Arrive Redlands	August 20,	10:30	a. m.
Leave Redlands	August 20,	5:30	p. m.
Arrive Riverside	August 20,	6:00	p. m.
Leave Riverside	August 21,	11:30	p. m.
Arrive San Diego.....	August 22,	6:30	a. m.
Leave San Diego	August 24,	2:30	p. m.
Arrive Los Angeles.....	August 24,	7:30	a. m.
Leave Los Angeles.....	August 26,	8:00	a. m.
Leave Santa Barbara.....	August 26,	3:00	p. m.
Arrive Los Angeles.....	August 26,	6:00	p. m.
Leave Los Angeles.....	August 26,	10:30	p. m.
Arrive Fresno	August 27,	7:00	a. m.
Leave Fresno for Yosemite	August 27,	11:15	a. m.
Leave Fresno for Berkeley	August 27,	1:30	p. m.
Arrive Yosemite	August 27,	6:30	p. m.
Arrive Berkeley	August 27,	5:30	p. m.
Leave Yosemite	August 29,	8:00	p. m.
Arrive Berkeley (Rest).....	August 30,	7:20	a. m.

No Quarantine o Chestnut Nursery Stock

Following a public hearing on the subject, the federal horticultural board has determined not to quarantine chestnut nursery stock for the purpose of preventing the distribution of the chestnut bark disease. The board announced that the disease spreads slowly and opportunity has already existed for several years for the distribution of this disease in small quantities to areas where extensive new plantings of chestnut are being inaugurated. Recommendation is made that plantings of chestnut stock be carefully inspected for the presence of the disease.

The Bagatelle Rose Trials.

Despite the war the judging of new roses, which are planted in the grounds of the "Chateau de Bagatelle" in the Bois de Boulogne near Paris was made June 18. Owing to the circumstances the foreign members of the jury had sent their excuses and the judges were only Frenchmen. All the roses of German and Austrian origin had been discarded. Sixty varieties were entered in the competition and awards made as follows:

Madame Raymond Poincare, H. T., a superb rose, a glorified Mrs. Aaron Ward, originated by Jules Gravereaux, of l'Hay (Seine), gold medal.

Mme. Marcel Delanney, H. T.—strong build and growth, a blush colored large rose, originated by Leenders of Steil Tegelen, Holland, gold medal.

Queen Mary, H. T.—A Dickson & Sons, Belfast, Ireland, first class certificate.

Eticelante, H. T.—An improved Gruss an Teplitz, presented by Chamberd of Lyon, second class certificate.

Louis Sauvage, a dark garnet red multiflore climber from E. Turhat & Co., Orleans, first class certificate.

Gustave Bienvenu, a nice red Wichuriana hybrid climber, from Auguste Nonin of Chatillon sous-Bagneux, second class certificate.

German Iris

PLANT NOW

Eight distinct varieties, Per 100 Per 1000
our selection.....\$2.50 \$22.50

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

PEONIES AND IRIS

Catalogue now ready.

PETERSON NURSERY

Stock Exchange Bldg.
CHICAGO, ILL.

Our Guarantee—We will replace with three all plants not proving true to description.

Guaranteed English Roses for Germany's Customers

Well why not be frank about it. As many folks are curious to know why Bees are offering English roses here, we may as well tell you why.

Fact is, there are about three or four millions of men so busy looking after the old country, that gardens are going to be neglected to some extent. Where the husband is away, the wife doesn't feel just like laying down money for rose trees. Where the son is at the front, the old lady is too anxious to be pottering about over much, and the professional gardeners—honor to them—have enlisted to such an extent that work of an extensive description has simply got to be left over.

Now if you will just visualise the state of affairs you will see that Bees' Rose stocks, intended for a hugely increased trade in peaceful times, were likely to be somewhat too heavy in these altered circumstances, and the problem was solved by this straightforward industrial warfare against the German rose in the American market.

Of course Bees Ltd. will also find a considerable number of customers amongst those who are on the look out for a more satisfactory article. In concluding this brief word of explanation, it may be said that this export of English Roses will be maintained so long as the American and Canadian markets respond.

Send your list of requirements with enquiry for prices today.

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LIVERPOOL
ENG.

Tilia Vulgaris.

As a rule European trees do not grow as well in this part of the country as the native species or those from eastern Asia of the same genus. Many specimens of one of the European elms have lived in Massachusetts for a number of years, however, and have grown here into large and splendid trees, and the European beech becomes a better tree than the American beech when this is transplanted from the forest to the park. One of the European lindens is another exception to the general rule that native trees are better trees to plant than exotic trees, for the best lindens that have been planted near Boston are trees of *Tilia vulgaris* which is now in flower. This tree is sometimes also called *T. europaea*, *T. intermedia* and *T. hybrida*, and is considered by some of the best observers of European trees a natural hybrid between the two species of western Europe, *T. platyphyllos* and *T. cordata*. Although widely distributed in Europe, *Tilia vulgaris* appears to be much less common than either of its supposed parents, and the variation in the size, shape and color of the leaves makes its hybrid origin possible. On some individuals the lower surface of the leaves is quite green and on others it is bluish or even whitish, but leaves on different parts of the same branch differ in this respect, and on shoots produced from the bases of old trees the large leaves are quite green. It is a fine, round-headed tree with rather small, somewhat pendulous branches, and appears to have been more often planted in the neighborhood of Boston than any other linden. There are a number of large specimens on Centre street, near Orchard street, Jamaica Plain, and in Olmsted park, and large individuals can be found in all the suburbs of Boston. The young lindens which have been recently planted on Huntington avenue and on Louis Pasteur avenue in Boston are of this variety.—Arnold Arboretum Bulletin, July 9, 1915.

European Willow Supply Cut Off.

Because the European supply of willow rods has been largely cut off, several American manufacturers of willow furniture and baskets have asked the United States department of agriculture for the addresses of persons in this country who have taken up willow growing. For some years the department has distributed willow cuttings of imported varieties with a view to developing the production of high-grade willow rods in the United States. The usual imports of willows come chiefly from England, Belgium, Holland, France and Germany, but these sources have been practically closed for several months.

One manufacturer reports that Japanese osiers are taking the market formerly supplied by Germany, at a slightly higher price. Finished willow baskets from Japan have come in where split bamboo was the only Japanese basketware on sale before the war. As a consequence of the shortage of imported osiers, it is said, the price of American willows has increased and growers here are meeting with a heavy demand for their product.

Nearly two million willow cuttings have been distributed free by the forest service of the department among state experiment stations, forest schools, and individual growers. The value of willow culture as a profitable means of utilizing overflow lands not

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suitable for other crops has been demonstrated, and the department of agriculture maintains a small willow holt on the government farm at Arlington, Va., for further tests and for the continued production of cuttings for free distribution. A bulletin on basket willow culture recently published by the department discusses the varieties and methods which have proved most satisfactory in this country.

Apple Crop Large in Illinois.

Reports just received from every county in Illinois by A. M. Augustine, secretary of the Illinois Horticultural Society, show that the apple crop this year will be five times as great as that of last year, pears will reach one-third of an average crop, peaches are virtually a failure north of Centralia, and plums and grapes will reach an average yield.

HEADQUARTERS**California Privet**

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

**Amor River Privet,
Berberis Thunbergii,**
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N. J.****ROSES, CANNAS
Shrubbery****THE CONARD & JONES CO.,
West Grove, Penna.****THE****Storrs & Harrison Co.**PAINESVILLE NURSERIES
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25 Acres—Best Varieties.

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Market Gardeners

Vegetable Growers' Association
of America.

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Daniel R. Comly, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

OKLAHOMA CITY, OKLA.—Ten new lettuce houses have been added to the establishment of the Dawson Produce Co.

Prices of Indoor Fruits and Vegetables.

Chicago, August 10.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 12½ to 15 cents; radishes, \$1.00 to \$1.25 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; tomatoes, 4 baskets, 35 to 65 cents.

New York, August 10.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, 25 cents to \$1.00 per basket; mushrooms, \$1.00 to \$3.00 per 4-pound basket; tomatoes, 10 cents to 15 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 50 cents to \$1.50; rhubarb, per 100 bunches, 75 cents to \$1.25.

Celery Spraying.

An investigation of a number of complaints received by the United States department of agriculture indicates that many Florida celery growers have been careless in spraying their celery and that, as a result, quantities of copper in excess of what is believed necessary or healthful have been found on the celery when ready for consumption. The use of salts of copper in food products has been officially pronounced injurious to health, and in previous seasons the department has warned growers of the necessity of their complying with this decision.

The copper is deposited on the celery in the form of dried Bordeaux mixture (lime and copper sulphate), which is used extensively to prevent the destruction of the crop by blight. Unless the plants are sprayed at certain periods of growth with this mixture it has been found impossible to bring them to market in good condition. With proper care in spraying, however, there is no reason why any undue quantity of copper should be deposited upon the stalks. The excessive amounts of copper sometimes found on the stalks of celery are due to faulty methods of spraying, a frequent cause being the use of knapsack instead of power outfits. The knapsack sprayers do not operate at a sufficiently high pressure to make a fine spray or mist; hence, by their use the Bordeaux mixture reaches the plants in a number of fine streams, which fail to cover the leaves as does the mist or fog, but run down between the stalks. The mixture thus accumulates at the base of plants, giving a blue-green appearance to the base of the celery.

With an efficient apparatus working under high pressure—150 pounds or more—this trouble does not exist. The spraying should be stopped as soon as the leaves are thoroughly covered with the mist or fog. Thus there is no opportunity for the mixture to run down the stalks. As for the leaves, when

there is an appreciable amount of copper salts upon them, they should not be eaten under any circumstances.

That growers have not been careful enough in the use of their spraying apparatus is indicated by the fact that the department has found as much as 34.9 parts of copper per million on washed inner stalks. In other cases the proportion has run as high as 17.4, 13, and 11.3 parts per million. On the other hand, in many of the specimens examined it was found that copper was not present in undue amounts, which emphasizes the point that care in spraying is all that is necessary.

As a matter of fact, if bunches of celery are broken up and the stalks thoroughly scrubbed before being eaten, practically all the copper from the Bordeaux mixture will be eliminated and there will be no danger of bad effects to the consumer. It is recommended, therefore, that this practice be followed wherever there is any reason to suspect from the color of the celery or otherwise that copper has been allowed to accumulate upon the stalks.

Potash Value in Fertilizers.

The shortage of potash which some people claimed would lead to a great crop reduction this year, has had little effect so far. The weather has been so favorable that the country at present has probably the largest crops of vegetables ever experienced. In our own vicinity (Ohio) potatoes and onions are more plentiful than for the last 15 years and prices rule low. It is extremely hard to draw fast conclusions dealing with nature.

We may now jump to the other extreme and declare potash is not needed and another year face a serious mistake. We have long ago stated that there is a certain balance between fertility, moisture and temperature—thus a rich field will get along with less rain than a poor one. This year crops had ample time to hunt for the last available element in the soil and next year it may be the opposite. However, it is safe that the importance of potash has been overestimated, especially by the people interested in its sale. Our own experience dictates that an ample supply of manure, completed by the addition of phosphates, and the land kept in correct form by lime, in most cases good farming.

We can learn a lesson from the florists under glass, who must feed their crops practically from the hand. They depend exactly upon the same elements; a soil of good body to commence with—manure, bone meal and lime. Potash is very sparingly used.

generally in the form of wood ashes. These notes are intended for soils of good body; black muck and peaty lands, also, very sandy fields do not come under this heading. On some of these types potash is the controlling factor. MARKETMAN.

"Market Gardening"

An elementary text book containing 102 pages, 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Rowell, N. M. Cloth Bound, 75 cents.

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All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality
ALSO GROW LARGELY ON CONTRACT.

LARGE Specimen Evergreens

In large quantities. Trees that have been transplanted several times, running 10 to 20 feet in height, such as

Austrian Pine
White Pine
Scotch Pine
Pinus Excelsa (Bhotan Pine)
Norway Spruce
Oriental Spruce
Koster Spruce
Hemlock
Nordmann's Fir

American Arbor Vitae
Thuya Geo. Peabody
Thuya Vervaeneana
Cedars
Retinispora Pisifera
Retinispora Pisifera Aurea
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Retinispora Plumosa Aurea
Retinispora Squar. Veitchii

100,000 or more EVERGREENS in good assortment, running from 2-8 ft.. All of the above have been several times transplanted.

Large Specimen Shrubs

Several times transplanted, in the following varieties:

Altheas, in variety, 6-7 ft.
Aralia Spinosa, 10-12 ft.
Azalea Amcena, 4 by 5 ft.
Azalea Mollis, 3-4 ft.
Berberis Thunbergii, 4-5 by 4-5 ft.
Cornus Paniculata, 5-6 ft.
Euonymus Alatus, 4 ft. by 3 ft.
Euonymus Radicans and Radicans Variegata, 3 ft. by 18 in.
English Filbert, 5-6 ft. by 4-5 ft.
Forsythia Viridissima, 6-7 ft.
Halesia Tetraptera, 7-8 ft.
Lonicera Morrowi, 5-6 by 4-5 ft.
Lonicera Tatarica Alba, 5-6 ft. by 4-5 ft.
Lilacs. 5-6 ft.
Syringa Japonica, 8-10 ft.
California Privet, 8-9 ft. by 8 ft.
Golden Privet, 4 ft. by 2 ft.
Regal's Privet, 4 ft. by 5 ft.
Spiraea Opulifolia, 5-6 ft.
Spiraea Opulifolia Aurea, 6-8 ft.
Styrax Japonica, 8-9 ft.
Viburnum Dentatum, 5-6 ft. by 3-4 ft.
Viburnum Molle, 5-6 ft. by 3-4 ft.
Viburnum Opulus, 5-6 ft. by 3-4 ft.
Viburnum Plicatum, 5-6 ft. by 3-4 ft.
Viburnum Tomentosum, 5-6 ft. by 3-4 ft.
Weigelas in variety, 5-6 ft.
CORNUS FLORIDA (White Flowering Dog-wood).

Stock in Quantities

At Bargain Prices.

European Larch, 12-14 ft.
10,000 Asters Tat. Ginnala, 3-4, 4-5 and 5-6 ft.
Japanese Maples in variety.
Aralia Spinosa.
Black Locust, 5-6, 6-8 and 8-10 ft.
Euonymus Radicans and Radicans Variegata, 2, 3 and 4 years old.
50,000 Hall's Honeysuckle, 2 and 3 years.
10,000 Golden Privet, up to 3-4 ft.
Hydrangea Paniculata Grandiflora.
60 Varieties of Lilacs on own roots.
Berberis Thunbergii.
Forsythias.
Upright Honeysuckle.
200,000 California Privet.
20,000 Amoor River Privet.
30,000 Ibota Privet.
10,000 Regal's Privet.
Viburnums in variety.
Ampelopsis Quinquefolia.
Ampelopsis Veitchii.

HARDY PERENNIALS.

We have the largest stock in this country. Each will be an individual plant; not divided. 500,000 Phlox alone. Write us for list.

FIELD-GROWN ROSES.

Hybrid Perpetuals, Creeping and Climbing. Write us for list and prices.

We have 2,000 specimen trees running from 6-9 ft. high and 6 ft. across. We guarantee there are none finer in the country. Transplanted three years ago. Write us for prices.

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You know the adage. Well, a **Hydrangea** in **America** is worth several **Azaleas** in **Belgium** right now. Of course, the **Azaleas** may get out of **Belgium**; we don't **know**; conditions may **change**; certainly it is not possible to get anything out of **Belgium** at **present**. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you **afford** to depend altogether on imported forcing stock when there is plenty of good forcing stock **right here at home**—"Made in America"—stock that you **know** you can depend on?

HYDRANGEAS

For example. We offer:

- Otaksa, with 7 to 10 branches.....at \$25.00 the 100
- Otaksa, with 5 and 6 branches.....at 20.00 the 100
- Otaksa, with 4 branches.....at 15.00 the 100
- French Novelties, all the best ones, at 5.00 the 100 addition for the same sizes.

They are all in six inch pots now, plunged outside, and growing like weeds, rich deep-green healthy foliage, and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

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| 4 -in. Asparagus Plumosus, 1 1/2 pots | 7.50 | 70.00 |
| 2 1/2-in. Asparagus Sprengeri..... | 2.50 | 22.50 |
| 4 -in. Asparagus Sprengeri..... | 6.50 | 60.00 |
| 2 1/2-in. Begonia Chatelaine..... | 6.00 | 55.00 |
| 3 -in. Begonia Chatelaine..... | 10.00 | 95.00 |
| 2 1/2-in. Begonia Erfordi and Luminosa | 4.00 | 38.00 |
| 3 -in. Begonia Erfordi and Luminosa | 7.50 | 70.00 |
| 2 1/4-in. Primula Obconicas. Fancy mixed or separate colors..... | 2.50 | 22.50 |
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| 2 1/4 in. Cinerarias. Assorted..... | 2.35 | 20.00 |
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| 2 1/4-in. Cyclamen. Eight varieties..... | 6.00 | 55.00 |
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| 10,000 Ferns—From bench: Boston, Scottii, Elegantissima, Pieroni, etc., \$12.50, \$15.00 and \$20.00 per 100. | | |
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- Pyramids, 3 1/2-ft.....2.50 each
- Standard Shape, 14x14 in.....2.50 each
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- Nice Bushes, 2-ft.....1.50 each
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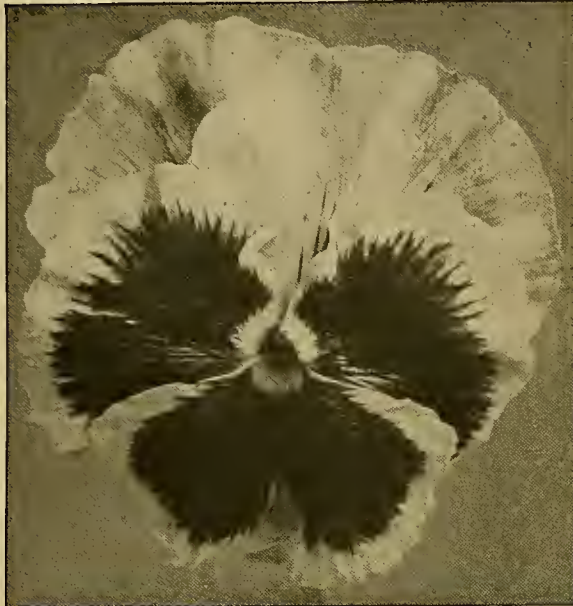


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Pansies in Mixture

	Trade pkt.	Per oz.
Dreer's Royal Exhibition. This is our finest mixture. It comprises a wonderful variety of colorings, flowers of largest size, of perfect form and texture. 1/3 oz., \$1.25.....	\$0 50	\$8 00
Dreer's Premium. This mixture comprises a large number of colorings and is intended to supply the want of a first-class mixture at a moderate price.....	50	4 00
Cassler's Giant. A grand mixture of the finest blotched varieties, splendid in every way.....	40	2 50
Masterpiece (Fringed Pansy). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive; the rich, dark velvety shades predominating	50	4 00
Mme. Perret. A beautiful strain; flowers of largest size and borne very freely in great diversity of colors; especially rich in red and wine shades. The stock we offer comes direct from the introducer.....	40	2 50
Giant Trimardeau. Of strong, robust growth with very large flowers in a good range of colors	25	1 00
Giant Parisian. Of very large size, and containing a great many fancy colors and color combinations.	40	2 00
English Finest Mixed. A very fine mixture.....	20	75
Good Mixed. All colors.....	15	50

Pansies in Separate Colors

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Cardinal. The brightest red.....	\$0 25	\$1 00	Giant Adonis. Lavender blue.....	\$0 30	\$1 50
Emperor William. Ultramarine blue.....	25	1 00	Emperor William. Bright blue.....	30	1 50
Faust or King of the Blacks. Black purple.....	25	1 00	Fire King. Purple and gold, fine.....	30	1 50
Kaiser Frederick. Velvety brown, edged red and yellow. Very rich.....	25	1 00	Freya. Rich wine color, edged white....	30	1 50
Lord Beaconsfield. Purple shading to white..	25	1 00	Golden Queen. Rich pure yellow.....	30	1 50
Mahogany Color	25	1 00	Lord Beaconsfield. Purple, shading to white.....	30	1 50
Peacock. Blue, claret and white.....	25	1 00	Prince Henry. Royal blue.....	30	1 50
Psyche. Purple violet, edged white.....	40	2 50	Rainbow. Peacock blue, white and red.	30	1 50
Snow Queen. Pure white.....	25	1 00	Snow Queen. Pure white.....	30	1 50
White, with dark eye	25	1 00	Striped	30	1 50
Yellow, with dark eye	25	1 00	White, with dark eye	30	1 50
Yellow Gem, pure yellow	25	1 00	Yellow, with dark eye	30	1 50
			Trimardeau. Finest Mixed. All colors.	25	1 00

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For High Class Stores a Specialty

THOMAS ROLAND,
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DREER'S ARAUCARIAS



Only partial imports of Araucarias were received from Belgium the past spring, not sufficient to cover the usual season's requirements, and even if shipments should come through this fall (which at present does not appear likely) newly imported stock would not be available for this season's sales as it takes fully three months for this stock to become established and be fit to sell after its trip across the Atlantic.

We are pleased to state that we have a splendid stock, not sufficient to last the season out, but we offer as long as the stock lasts exceptional values as below.

Araucaria Excelsa			Each.
4-inch pots,	5 to 6 inches high,	2 tiers	\$0 30
5 "	8 " 10 "	3 "	40
5 "	10 " 12 "	3 "	60
6 "	12 " 15 "	3 to 4 "	75
6 "	16 to 18 "	4 "	1 00
7 "	18 to 20 "	4 to 5 "	1 25
Araucaria Excelsa Glauca			
6-inch pots,	8 inches high,	2 tiers	0 75
7 "	12 to 14 "	3 to 4 tiers	1 25
Araucaria Robusta Compacta			
6-inch pots,	10 to 12 inches high,	2 tiers	1 00
6 "	12 to 14 "	3 "	1 25
7 "	14 to 16 "	3 "	1 50

For a complete line of Palms, Decorative Plants and all Seasonable Stock see our current Wholesale List.

HENRY A. DREER

714 and 716 Chestnut Street
PHILADELPHIA, PA.

The above prices are intended for the trade only.

Hollyhock Rust Remedies.

The potassium permanganate solution for hollyhock rust is as follows:
Potassium permanganate ... 1 part
Soap 2 parts
Water 100 parts
On account of its expense this preparation can be profitably used only on greenhouse or a limited number of garden plants.

Bordeaux mixture is the preparation usually recommended for controlling this disease, but entirely satisfactory results have not always followed its use. The modified bordeaux, known as 5-5-50, is the one to be used in this case, the formula being

Copper sulphate 5 pounds
Lime 5 pounds
Water to make 50 gallons

One experienced gardener has recently reported that spraying the plants with a weak solution of Cabot's Sulpho-Naphthol will keep the rust in check.

Licorice in California.

Sutter county, California, is experimenting with licorice. The growth already made is satisfactory and a good crop is expected this year. Over 1,000,000 pounds of the root were imported in the fiscal year of 1913, in addition to a great quantity of paste.

WASHINGTON, N. J.—A greenhouse to occupy 2,400 square feet is being erected by Alonzo J. Bryan. Part of his range is being remodeled.

AURORA, ILL.—Chas. McAnniff, for the past four years in charge of the extensive farm and garden operations of the Sisters of Mercy here, resigned his position and left August 4 for Des Moines, Ia., on account of illness in his family.

FERN BARGAINS

For those who wish to bench or pot for growing on. Fine, clean stock, absolutely free from scale. All 2-inch pots.

20,000 Boston Ferns.....	100	1000
5,000 Elegantissima Improved.....	\$3.50	\$30.00
10,000 Whitmani, superior stock.....	4.00	35.00
5,000 Scholzeli, Crested Fern.....	3.50	30.00
3,000 Piersoni Improved (seldom reverts).....	3.50	30.00
3,000 Big Four or Splendida (Fishtail Boston).....	4.00	35.00
2,000 Davallioides Furcans (the fern for spray work).....	4.50	40.00
3,000 Goodii, the Baby's Breath (the fern-dish wonder).....	3.50	30.00
3,000 Whitmani Compacta, the up-to-the-minute Ostrich Plume type.....	4.00	35.00
2,000 Exaltata (Original Sword).....	3.00	27.50
3,000 Superbissima (Fluffy Ruffles).....	5.00	45.00
5,000 Roosevelt, the best seller when shown with others.....	4.50	40.00

THE GOOD & REESE CO.

Largest Rose Growers in the World.

SPRINGFIELD, OHIO

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

CARNATIONS

F. DORNER & SONS CO.,

LaFayette, - - Indiana

LAST CALL FOR

Chrysanthemums

Including Some of the Newer Ones.

ASK FOR LIST.

\$3.00 per 100. \$25.00 per 1000.

Cash with order.

Elmer D. Smith & Co.

ADRIAN, MICH.



Jeanne d' Arc.



M. Kralage.



La Grange.



Couronne d' Or.

VAUGHAN'S PEONIES

Cut Flower Varieties

We have an exceptionally large stock of our own growing, strictly true to name, all in strong divisions, with from 3 to 5 eyes each. Besides these divided roots, we can supply many of the following varieties in plants, one, two, three and five years from division. These sizes are more suitable for private customers. Write to us for prices on varieties you desire in large plants.

WHITE AND LIGHT SORTS

	Each	Doz.	100
Charlemagne. Lilac white, blush center; very fragrant. Late. Extra fine cut flower.....	\$0 30	\$3 00	\$20 00
Couronne d' Or. Snow-white, yellow reflex, very large. Late; a splendid long-distance shipper. Splendid cut flower.....	30	3 00	20 00
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape.....	25	2 00	15 00
Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.....	30	3 00	20 00
Jeanne d' Arc. Soft pink, center sulphur white and pale pink, very fragrant. Valuable for cut flowers. Very similar to Golden Harvest.....	35	3 60	25 00
La Tulipe. Delicate rose fading to creamy white, tipped with carmine; very large bloom; late.....	35	3 60	25 00
Mme. de Vetry. Very large, high crown, lilac-white guards and crown, sulphur white collar of wide petals; center flecked crimson.....	40	4 00	30 00
Mme. de Vernerville. Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies.....	25	2 50	16 00
Marie Lemoine. Large, compact, pure white, cream-white center. Some carmine tips.....	35	3 60	25 00
M. Dupont. Clear ivory white, with brilliant carmine border on center petals.....	50	5 50	40 00
Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best cut flower sorts; early.....	25	2 00	12 00

UNNAMED PEONIES—Divided Roots of 3 to 5 Eyes

Double White, Pink and Red.....	\$1 50	\$10 00
Double Mixed.....	1 00	6 00

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young and each has 3 to 5 eyes. These cases contain 67 double white, 66 double pink and 67 double red each color separate—200 roots in all.

Price, \$2.00—Case for \$18.00. 2 Cases for \$35.00. We cannot divide cases.

German Iris We have large stocks of 10 standard sorts, and can make specially low prices on quantities.

LIGHT AND DARK PINK AND ROSE

	Each	Doz.	100
Alexander Dumas. Light violet rose, cream collar, fine cut flower.....	\$0 35	\$3 50	\$25 00
Faust. Guards light pink shading to white; center sulphur white. Midseason.....	25	2 00	15 00
Koh-i-noor. Shell pink, very free, splendid cut flower. Midseason.....	30	3 00	20 00
Lady Leonora Bramwell. Large, rose-colored, very free, splendid cut flower.....	30	3 00	20 00
Souvenir de l'Exposition Universelle. Large perfect shaped unfringed flower, brilliant cerise, with silvery reflex.....	40	4 00	30 00
Prouifera Tricolor. Medium size. Guards flesh-white, collar sulphur-yellow. Pale rose crown, fragrant free, late.....	30	3 00	20 00
Triomphe de l'Expos. de Lille. Shell pink with a peculiar double crown. Midseason.....	35	3 60	25 00

RED AND CRIMSON

Andre Laurils. Very large, very compact globular rose type. Dark Tyrian-rose shading deeper in center. Medium tall. One of the best late varieties.....	30	3 00	20 00
Augustin de Hour. Large, bomb-shaped flower, dark brilliant solferino-red with slight silvery reflex. Medium tall, very free. Midseason. Very fine.....	45	5 00	40 00
Delachei. Deep rich purple, crimson reflex. Late and free blooming.....	30	3 00	20 00
Felix Crousse. One of the best red sorts, large double ball shaped flowers. Free bloomer.....	35	4 00	30 00
Louis van Houtte. Deep carmine-rose, tipped silver, with very reflex. Semi-rose type. Fragrant. Late.....	25	2 50	18 00
Madam Lebon. Brilliant cerise with silvery reflex. Large flower; late.....	35	3 60	25 00
Marechal Vaillant (Syn. Lee's Rucra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety.....	40	4 00	30 00
M. Paul du Ribert. Deep crimson-rose, fine bomb-shaped flower, medium high, free bloomer. Late.....	40	4 00	30 00
Officina's Rubra Plena. This is the old-fashioned red; the most brilliant of all reds.....	20	1 80	12 00

We have a large stock of fine varieties other than those listed here. Write for price list.

VAUGHAN'S SEED STORE, CHICAGO, NEW YORK

For the Best New and Standard

DAHLIAS

Address
Peacock Dahlia Farms,
 P. O. Berlin, N. J. Williamstown Junc., N. J.
 Mention the American Florist when writing

Write
GEO. A. KUHL,
 PEKIN, ILL.,
 For Prices and List of
MUMS, ROSES, FERNS,
BEGONIAS and General Stock
 Wholesale Grower to the Trade.
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GERANIUMS

Summer Prices.
 Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.
 S. A. Nutt.....\$1.00 per 1000
 Ricard and Poitevine..... 12 50
ALBERT M. HERR, LANCASTER, PA.
 Mention the American Florist when writing

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	5 to 6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.....	\$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.....	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy.....	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.....	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread.....	\$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	28 to 36.....	1.50	18.00

	Leaves	In. high	Each	Per doz.
9-in. cedar tub.....	6 to 7.....	42 to 45.....	\$4.00	\$48.00
9 in. cedar tub.....	6 to 7.....	45 to 48, very heavy.....	5.00	
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub.....	6 to 7.....	5 to 5 ft., very heavy.....	8.00	

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

Movement From City and Town to Farms.

"Back to the land" is a real movement to agriculture in this country, but it does not conform to the descriptions in newspapers and magazines, according to George K. Holmes, bureau of crop estimates. It is not a strong movement, it is not a concerted one, and it is not actuated by a single-minded purpose to promote agriculture for agriculture's sake. It is largely localized, it is a very composite movement, and it does not create in kind and characteristics the agriculture that is prevented by the migration from farms nor replace in kind and characteristics that migrated population.

One-third of the population having census occupations is agricultural, and the fraction has declined from 83 per cent in 1820 to 44 per cent in 1880, 39 per cent in 1890, 35 per cent in 1900, and 32.4 per cent in 1910, the figures for 1880 to 1910 being based on the census classification of 1900. These figures do not mean that this element of the population has absolutely declined. On the contrary, it was never so large in numbers as it is today, with probably more than 30,000,000 men, women, and children in the total of those with agricultural occupations and of their dependents.

Five main classes appear in this movement: First, there is ownership of the farm, with residence thereon throughout the year, with exclusive devotion to agriculture, and this is the chief class. Second, there is a small class, with ownership of the farm, residence throughout the year, some devotion to agriculture, and with continuance of former occupation in the nearby city or town. Third, the farm is owned for seasonal residence, with some devotion to agriculture; this movement is small, but is steadily advancing and occupying a larger and larger part of the farming area. The fourth class is a slight movement to hire farms, and the fifth is the movement of wage labor to farms almost entirely for temporary employment.

From the farms there is a migration to cities and towns, and there are small return currents, but these return currents, to the extent of their size, do not make good the losses of the farm in the characteristics required for an effective agricultural population, with noticeable exception in the cases of some classes of those who move to the farm for permanent residence and exclusive devotion to agriculture, among whom are immigrants from foreign countries.

The agricultural population is a diminishing fraction of the total population in nearly all industrial countries for the reason that agricultural labor is made more and more efficient by the use of machines and by better agricul-

CYCLAMEN



Giant English Grown

Each, \$1.00 per 100; \$8.00 per 1000 seeds.

Rosy Morn, Grandiflora Alba, Excelsior, Princess May, Mauve Queen, Duke of Fife, Princess of Wales.

Giant German Grown

Each, 65c per 100; \$5.00 per 1000 seeds.

Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.

Glory of Wandsbek.

Attractive salmon. Price — 100 seeds, \$1.25; 250 seeds, \$2.85; 1000 seeds, \$10.00.

PRIMULA Vaughan's International Mixture. } As much liked as our
1-16 oz., \$4.00; 350 seeds, 50c. } Pansy seed of this name.

MIGNONETTE.

New York Market..... Oz., \$7.00; ½ oz., \$1.00; Trade pkt., 50c
Grown for us for years by a mignonette specialist.

Giant Machet..... Oz., 75c; ¼ oz., 40c; Trade pkt., 10c

VAUGHAN'S SEED STORE, CHICAGO NEW YORK

tural processes. In the United States on an average in every three families one is devoted to agriculture. To what extent a "back-to-the-land" movement is needed for economic reasons and to increase the food supply has been much discussed in these recent years of high food prices. The movement from the farms is popularly deplored and regarded as a national calamity, and the contrary aspect of the matter has hardly been noticed.

IRON MOUNTAIN, MICH.—Odin Eskil is erecting two greenhouses each 25x 75 feet on Stephenson avenue.

NEWPORT, R. I.—At the annual meeting of the Newport Garden Association, August 2, Rev. Roderick Terry, D. D., was elected president and Miss Dorothea Watts, secretary.

DETROIT, MICH.—E. A. Fetters, florist, has a permit to erect a brick building which will contain three stores and two dwelling apartments at 1631-33 Woodward avenue. The cost will be \$19,000.

Primroses

Forbesi, Malacoides, Obconica Alba Rosca, Ruby, \$2.00 per 100.

Obconica Gigantea, \$2.50 per 100.

Plumosus, \$2.00 per 100.

Pansy Seed, Giant Flowering, oz., \$4.00.

Chinese Primroses, \$2.00 per 100.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

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Ready Reference Section.

10 CENTS PER LINE, NET.



ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

ALYSSUM, double giant, very strong, 2-inch, \$2 per 100; \$18 per 1000. C. HUMFELD, Clay Center, Kans.

AMPELOPSIS.

Ampelopsis, Veitchii, strong 3-year potted plants, \$3.50 per doz.; \$25 per 100. Vaughan's Seed Store, Chicago and New York.

ARAUCARIAS.

Arucaria Excelsa, 4-inch, 5 to 6-ins., 2 tiers, 30c each; 5-in., 8 to 10 ins., 3 tiers, 40c; 5-in., 10 to 12 ins., 3 tiers, 60c; 6-in., 12 to 15 ins., 3 to 4 tiers, 75c; 6-in., 16 to 18 ins., 4 tiers, \$1; 7-in., 18 to 20 ins., 4 to 5 tiers, \$1.25. Excelsa Glauca, 6-in. pots, 8 ins. high, 2 tiers, 75c; 7-in., 12 to 14 ins., 3 to 4 tiers, \$1.25. Robusta Compacta, 6-in., 10 to 12 ins., 2 tiers, \$1; 6-in., 12 to 14 ins., 3 tiers, \$1.25; 7-in., 14 to 16, 3 tiers, \$1.50. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Arucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Pochlmann Bros. Co., Morton Grove, Ill.

Arucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Arucarias. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/4-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus plumosus nanus, 2 1/4-inch, \$3 per 100; \$25 per 1,000; seedlings, \$6 per 1,000. Sprengeri, seedlings, \$0 per 1,000. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; 4-inch, 8c and 10c. C. HUMFELD, Clay Center, Kans.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus to close out, a few hundred, 3-inch at \$5 per 100; also a few 4-inch at \$8 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus plants, from flats, grown from our own greenhouse seed, \$8 per 1,000. B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus, 2 1/4-inch, \$3 per 100; \$28 per 1,000; 3-inch, \$6 per 100; \$55 per 1,000. Pochlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 2 1/4-inch, \$3 per 100; \$25 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Asparagus plumosus, 2-in. pots, \$2 per 100; Sprengeri, \$2 per 100; \$17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

BEGONIA CINCINNATI, 2 1/4-inch, \$15 per 100; 3-inch, \$25 per 100. BEGONIA MELIOR, 2 1/4-inch, \$25 per 100. CHATELAIN, 2 1/4-inch, \$5 per 100; 3-inch, \$8 per 100. ERFORDIL, PRIMA DONNA, LUMINOSA, TRIUMPH, 2 1/4-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Chatelaine, 2 1/4-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$10 per 100; \$95 per 1,000. Erfordil and Luminosa, 2 1/4-inch, \$4 per 100; \$38 per 1,000; 3-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Begonia Cincinnati, 3-inch, \$20 per 100; \$175 per 1,000. La Lorraine, 3-inch, \$18 per 100; \$170 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Cincinnati, 2 1/4-inch, \$17.50 per 100; \$150 per 1,000; Begonia Lorraine, 3-inch, \$20 per 100; 4-inch, \$25 per 100. S. S. Skidelsky, & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia Gloire de Chatelaine and Pfitzeri Triumph, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Lorraine, 2 1/4-in. pots, \$12 per 100; \$110 per 1,000. Begonia Glory of Cincinnati, 2 1/4-in. pots, \$15 per 100; \$140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Chatelaine, 4-inch pots, \$15 per 100. Pochlmann Bros. Co., Morton Grove, Ill.

Begonia Coraline and De Lesseps, 2 1/2-inch, \$5 per 100. Stuppy Floral Co., St. Joseph, Mo.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BOXWOOD.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, French Paper White Grandiflora, fancy, 1,250 bulbs to case, \$9 per 1,000; Star Brand, 1,000 bulbs to case, \$11 per 1,000. Precocious, Vaughan's extra early Grandiflora, select bulbs, \$9 per 1,000; mammoth bulbs, \$12 per 1,000. Liliun Formosum, new crop, 7-9-inch, 250 bulbs to case, \$60 per 1,000; 9-10-inch, 180 bulbs to case, \$80 per 1,000. Liliun Harrisii, best Bermuda, 7-9-inch, 200 to case, \$75 per 1,000; 9-11-inch, 100 to case, \$180 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Liliun Harrisii, 6 to 7-inch bulbs, 350 to case, \$15 per case; 7 to 9-inch, 200 to case, \$15 per case. Cold Storage Giganteum, 7 to 9-inch, 300 to case, \$15 per case; 9 to 10-inch, 200 to case, \$17 per case. F. R. Pierson, Tarrytown, New York.

Calla bulbs, 2 1/2 to 3-in. diam., \$7 per 100; \$60 per 1,000; 2 to 2 1/2-in. diam., \$6 per 100; \$50 per 1,000; 1 1/2 to 2-in. diam., \$5 per 100; \$40 per 1,000; 1 to 1 1/2-in. diam., \$2 per 100; \$15 per 1,000. Santa Cruz Bulb and Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

BULBS.

CALLA BULBS, 1 1/2 to 1 3/4-inch, \$30 per 1,000; 1 1/2 to 2-inch, \$50 per 1,000. EMILE SERVEAU, 2112 Fillmore St., San Francisco, Calif.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Giganteum, cold storage, 9-10, 200 to case, \$17; 7-9, 300 to case, \$15. St. Louis Seed Co., 411-13 Washington Ave., St. Louis, Mo.

CANNAS.

CANNAS, good varieties, strong plants in 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

400,000 FIELD-GROWN CARNATION PLANTS, LARGE, THRIFTY, CLEAN STOCK, WE GUARANTEE EVERY PLANT, GROWN BY US WITH SPECIAL CARE, READY FOR YOU NOW.

WHITE WONDER	Per 1,000	\$60.00
WHITE PERFECTION	50.00	50.00
WHITE ENCHANTRESS	50.00	50.00
BEACON	50.00	50.00
COMFORT	55.00	50.00
PHILADELPHIA	70.00	70.00
500 AT 1,000 RATE.		

PITTSBURGH CUT FLOWER COMPANY. FRED BURKI, Pres. T. P. LANGHANS, Sec. W. A. CLARKE, Treasurer. THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES. CARNATION SPECIALISTS.

WHOLESALE GROWERS. 116-118 SEVENTH ST. PITTSBURGH, PA. YOURS FOR THE ASKING—A BEAUTIFUL PICTURE—"ACRES OF GLASS."

FIELD-GROWN CARNATION PLANTS.

Enchantress Supreme	100.	\$60.00	\$50.00
Champion	100.	6.00	50.00
Philadelphia	6.00	6.00	50.00
Beacon	6.00	6.00	50.00
White Perfection	6.00	6.00	50.00
White Wonder	6.00	6.00	50.00
Enchantress	6.00	6.00	50.00
Mrs. C. W. Ward	6.00	6.00	50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

George Peters & Sons, New York

PINE FIELD CARNATIONS.

Strong, clean, bushy plants.	100	1,000
White Enchantress	\$5.00	\$45.00
Pink Enchantress	5.00	45.00
Rose Pink Enchantress	5.00	45.00
White Perfection	5.00	45.00
Washington	5.00	45.00
Bright Spot	5.00	45.00
Beacon	5.00	45.00

THOS. SALVESON, Petersburg, Illinois

CARNATION FIELD PLANTS. IMMEDIATE DELIVERY.

Extra strong carnation field plants, baving from 12 to 20 shoots. Northport, Enchantress, White Enchantress, Commodore, C. W. Ward, \$6 per 100; \$50 per 1,000. White Wonder, Peerless, \$7 per 100; \$60 per 1,000. Champion, Matchless, \$8 per 100; \$70 per 1,000.

J. D. Thompson Carnation Co., Joliet, Ill.

FIELD-GROWN CARNATIONS: Enchantress, White Enchantress, Rose Pink Enchantress, Philadelphia, O. P. Bassett, Beacon, \$6 per 100; \$55 per 1,000. Cash please. HARRY HEINI, West Toledo, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATION PLANTS—HEALTHY STOCK.

Matchless	100	1,000
White Wonder	\$8.00	\$70.00
Perfection	6.00	50.00
Akehurst	5.00	40.00
Enchantress	15.00	.....
White Enchantress	5.00	40.00
Dark Enchantress	6.00	50.00
Ward	5.00	40.00

EDWARD WOODFALL, Maryland
Glen Burnie, Maryland

25,000 FINE FIELD-GROWN CARNATION PLANTS.

White Wonder	100	1,000
Enchantress	\$6.00	\$50.00
	6.00	50.00

SINNER BROS., Chicago.
155 North Wabash Ave., Chicago.

FIELD GROWN CARNATION PLANTS.

Best obtainable. Fine, large plants.

Pink Enchantress	\$4.00	per 100;	\$35.00	per 1,000
C. W. Ward	4.00	per 100;	35.00	per 1,000

ZECH & MANN, Chicago, Ill.

CARNATIONS, planted in the field early, from 2 1/2 and 3-inch pots, are strong and bushy; 2,000 Light Pink Enchantress, 1,000 Beacon, 300 Mrs. Patten, \$5 per 100; \$50 per 1,000, 1,000 White Perfection, 500 Princess Charming, \$4 per 100; \$40 per 1,000. Cash. JOSEPH BANCROFT & SON (Inc.), Cedar Falls, Iowa.

Carnations. Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, White Perfection, Mrs. C. W. Ward, \$4 per 100; \$35 per 1,000. Philadelphia, \$5.50 per 100; \$50 per 1,000. Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Washington, \$6 per 100; \$50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD-GROWN CARNATIONS.—Large, strong, healthy plants: Victory, \$5 per 100; \$40 per 1,000. White Perfection, \$5 per 100; \$40 per 1,000. Also a few Joy, Champion, Afterglow and Rosette at clean-up prices. J. A. BUDLONG, 82-84 East Randolph St., Chicago.

Field-Grown Carnation plants: 2,000 White Wonder, 1,000 White Perfection, 10,000 Philadelphia, 10,000 Champion, 10,000 Enchantress, 3,000 Beacon, \$6 per 100; \$55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Field-grown carnations, White Enchantress, Pink Enchantress, Ward, Penn, Winsor, Perfection, \$6 per 100. Cash. CHAS. H. GREEN, SPENCER, MASS.

Field-grown carnation plants, Rose Pink Enchantress, \$5 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.

Smith's Advance	Per 100	Per 1,000
October Frost	\$2.00	\$15.00
Alice Byron	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00

CRIMSON.

Shrimpton	2.00	15.00
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YELLOW.

Chrysolora	2.00	15.00
Ramapo	2.00	15.00

PINK.

Amorita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2 1/2-INCH POTS.

Smith's Advance	\$2.50	\$20.00
October Frost	2.50	20.00
Alice Salomon	4.00	35.00
Alice Byron	2.50	20.00
Chas. Razer	2.50	20.00
Lynwood Hall	2.50	20.00
Shrimpton	2.50	20.00
Golden Salomon	4.00	35.00

J. D. THOMPSON CARNATION CO., JOLIET, ILL.

Last call for chrysanthemums, including some of the newer ones. Ask for list. \$3 per 100; \$25 per 1,000. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2 1/2-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Pompon chrysanthemums, good assortment, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemuma. Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

Chrysanthemum, Elsie Papworth, Oct. Frost, Chadwick, T. Eaton, Oconto, A. Salomon, V. Poehlmann, O. H. Kahn, Shrimpton, McNiece, Engenhard, Maud Dean, R. E. Lochen, Patty Wells Late Pink, Chieftain, Golden Glow, Yellow Salomon, Yellow Eaton, Chrysolora, \$3 per 100; \$18 per 1,000. Pompons: Krut, Skibo, Big Baby, Klondyke, Mike Gabel, Baby, La Gravera, Quinola, Lilliau Doty, Parkinson, Mensa, \$3 per 100; \$25 per 1,000. Miss Marvella French, \$8.00 per 100; \$70 per 1,000. Miss Pauline Anderson, \$4 per 100; \$35 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, cut back, have good, grown top; sample sent, the best brand, fine stock plants, 3-inch, \$4 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

COLEUS, good assortment, 2 1/2-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS, Brilliance or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Crotons, leading kinds. Vaughan's Seed Store, Chicago and New York.

CYCLAMEN.

CYCLAMEN, my prize strain, ready in August: Perle and Rose of Zehlendorf, 4-inch, 20c. Glory and Rose of Wandshek, 4-inch, 18c. White, glazing red, 4-inch, 15c. White red eye, Victoria, 4-inch, 15c. Every one a good one. Cash with order, please. RALPH J. SOUTHERTON, Highland Park, Ill.

Cyclamen, best German strain, 3-inch, \$8 per 100; 4-inch, \$15 per 100; 4-inch select, \$20 per 100. Seedlings from flats, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen Gig., Wandshek type, finest in existence, 2 1/2-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2 1/2-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, \$10 per 100; \$90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen from 3-inch pots, best varieties, \$10 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newtown, N. J.

DRACAENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

Ferns, Boston, Roosevelt and Whitmani, 5-inch, 25c each; \$23 per 100; 6-inch, 50c each; \$45 per 100; 7-inch, 75c each; 8-inch, \$1 each; 10-inch, \$2 to \$2.50 each; 12-inch, \$3 to \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2 1/2-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO., SPRINGFIELD, OHIO.

Asplenium nidus avis (Birds' nest fern) 4-in. pans, \$4 per doz.; 5-in., \$8; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2 1/2-in. a specialty. H. Plath, Lawrence and Winnipeg Avea., San Francisco, Calif.

FERNS.

FERN BARGAINS. For those who wish to bench or pot for growing on. Fine, clean stock, absolutely free from scale. All 2-inch pots;

20,000 Boston Ferns	100	1,000
5,000 Elegantissima Improved	\$3.50	\$30.00
10,000 Whitmani, superior stock	4.00	30.00
5,000 Scholzei, crested fern	3.50	30.00
3,000 Piersoni improved (seldom reverts)	3.50	30.00
3,000 Big Four or Splendida (Fish-tail Boston)	4.00	35.00
2,000 Davallides Furcans (the fern for spray work)	4.50	40.00
3,000 Goodii, the Baby's Breath (the fern-dish wonder)	3.50	30.00
3,000 Whitmani Compacta, the up-to-the-minute Ostrich Plumc type	4.00	35.00
2,000 Exaltata (original sword)	3.00	27.50
3,000 Superbissima (Fluffy Rufles)	5.00	45.00
5,000 Roosevelt, the best seller when shown with others	4.50	40.00

THE GOOD & REESE CO., The Largest Rose Growers in the world, SPRINGFIELD, OHIO.

BOSTON, ROOSEVELT, WHITMANI, SCHOLZELI.

Dark green—Choice Stock—Low Price, Boston, Roosevelt, Whitmani, Scholzei, 3-inch, 8c.

Boston, Roosevelt, 4-inch, 12 1/2c. Boston, Whitmani, 6-inch, 45c.

GULLETT & SONS, LINGOLN, ILLINOIS.

Boston Ferns, fine 6-inch, 35c—100; smaller lots, 40c. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

Boston Ferns, a few hundred 3-inch at \$6 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

ADIANTUM HYBRIDUM, 3-inch, 5c; 2 1/2-inch, 3 1/2c; 4-inch, 10c. Satisfaction or money back. LEY & BRO., Highland, N. Y.

Ferns from bench, Boston, Scottii, Elegantissima, Piersoni, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Ferns in flats, all varieties, \$2 per flat, 20 or more flats, \$1.75 each. McHutchison & Co., 17 Murray St., New York.

Boston ferns for planting, 2 1/2-inch, \$5 per 100; \$45 per 1,000. Vaughan's Seed Store, Chicago and New York.

TABLE FERNS, strong 2 1/2-inch at \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

Boston Ferns, fine 2 1/2-inch, \$4 per 100; \$35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newtown, N. J.

Ferns. Joseph Heacock Co., Wyncote, Pa.

FREESIAS.

Freessias—Purity (true), 5/8-in. and up, \$2 100; \$13 per 1,000; 3/4-in. to 1/2-in., \$1.25 per 100; \$10 per 1,000. Vaughan's Improved Purity, 5/8-in. and up, \$2 per 100; \$18 per 1,000; 1/2 to 3/4-in., \$1.75 per 100; \$15 per 1,000; 3/4 to 1/2-in., \$1.50 per 100; \$12 per 1,000. French grown: Jumbo, 5/8-in. and up, \$10 per 1,000; mammoth, 1/2 to 3/4-in., \$8 per 1,000. Vaughan's Seed Store, Chicago and New York.

Freessia. Purity bulbs, true, 3/4 to 1-in. diam., \$1.25 per 100; \$9 per 1,000; 5/8 to 3/4-in. diam., \$1 per 100; \$7.50 per 1,000; 1/2 to 3/4-in. diam., 75c per 100; \$5 per 1,000. 500 at 1,000 rate. Santa Cruz Bulb and Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

PURITY FREESSIA BULBS. Wholesale trade only. We have filled our 1915 contracts and have a few thousand left. If for any reason your growers can't fill your orders, write or wire us. Prices right. SANTA CRUZ FREESSIA BULB GROWERS' ASS'N. Santa Cruz, Calif.

FREESSIAS—True "Purity" Freessia Bulbs, best California field-grown, A1 stock. Special prices on large orders to close out stock, 1/2 to 5/8, \$5 per 1,000; 3/4 to 1/2, \$2.75 per 1,000. LILYDALE BULB COMPANY, SANTA CRUZ, CALIFORNIA.

Freessia bulbs, True Purity, 5/8-in. diam., \$1.80 per 100; \$16 per 1,000; 1/2-in. diam., \$1.50 per 100; \$14 per 1,000; 3/4-in. diam., \$1.20 per 100; \$11 per 1,000. St. Louis Seed Co., 411-13 Washington Ave., St. Louis, Mo.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitveine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GERANIUMS.

Geraniums, standard varieties, 3-inch, \$3 per 100; \$25 per 1,000. Booking orders for next season delivery of 2-inch, \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LADY WASHINGTON, good assortment, strong plants for stock. 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HARDY FERNS.

HARDY FERNS. Illustrated descriptive list mailed. L. MOSBERG, Ferndale, Askov, Minn.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

"A Bird in the Hand"—You know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otakasa, with 7 to 10 branches, at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. FRENCH NOVELTIES, all the best ones, at \$5 the 100 addition for the same sizes.

They are all in six-inch pots now, plunged outside, and growing like weeds, rich deep-green, healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY, NEWARK, NEW YORK. Wholesale only. Ours are "Made in America."

HYDRANGEAS, Otakasa, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas. Vaughan's Seed Store, Chicago and New York.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$16 for 1,000; \$3.50 for 500; \$4.50 for 250; \$2 for 100. Florists' Money Maker, best Valley at moderate prices, \$14 for 1,000; \$7.50 for 500; \$4 for 250. H. N. Brun, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley, Cold Storage, packed in cases of 500 pips each, \$9 per case. F. E. Pierson Co., Tarrytown, New York.

MISCELLANEOUS.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

UMBRELLA plants, strong 3 to 5-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Pot plants of all kinds for high class stores a specialty. Thos. Roland, Nahant, Mass.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock: Large specimen evergreens and shrubs, hardy perennials. For varieties and sizes see advertisement elsewhere in this issue. The Elizabeth Nursery Co., Elizabeth, N. J.

Nursery stock: Pear, apple, Mahaleb, Mazzard, Myrobalan and Angers Quince stocks, forest trees (seedlings and transplanted), evergreens, ornamental shrubs, manetti, multiflora and roses. Louis Leroy's Nurseries Co., Angers, France.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ONION SETS.

Winter onion sets now ready. Vaughan's Seed Store, Chicago and New York.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

Table with 4 columns: Pot size, Leaves, Inches high, Each. Rows include 4-inch pots (6 to 7, 18 to 24), 6-inch pots (6 to 7, 28 to 30), 7-inch pots (6 to 7, 32 to 34), 8-inch tubs (6 to 7, 36 to 48), and 8-inch tubs (6 to 7, 58 to 64).

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins... \$1.50
7-inch pots, 3 plants in a pot, 33 ins... 3.50
Specimens, very heavy... \$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

Table with 4 columns: Pot size, Leaves, Inches high, Each. Rows include 4-inch pots (5 to 6, 18 to 20), 6-inch pots (5 to 6, 28 to 30), 6-inch pots (6 to 7, 34 to 36), 6-inch pots (6 to 7, 38 to 42), 6-inch pots (6 to 7, 44 to 46), 8-inch tubs (6 to 7, 46 to 48), 8-inch tubs (6 to 7, 50 to 54), 8-inch tubs (6 to 7, 5 ft.), 10-inch tubs (6 to 7, 5 to 5 1/2 ft.), and 10-inch tubs (6 to 7, 6 to 6 1/2 ft.).

PHOENIX ROEBELENI.

Table with 2 columns: Pot size, Each. Rows include 4-inch pots, nicely characterized... \$0.50; 7-inch pots, 22-ins. high, 30 to 32-in. spread... 2.00; 7-inch pots, 26 ins. high, 34 to 36-in. spread... 2.50; 8-inch tubs, grand specimens... 3.50; 10-inch tubs, grand specimens... \$5.00 to 7.00.

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot... \$1.00
7-inch pots, 3 plants in a pot... 2.00
8-inch tubs, 5 plants in a tub... 3.00

POEHLMANN BROS. CO.

MORTON GROVE, ILL.

Palma, Kentia Belmoreana, 6-in., 6-7 leaves, 22-ins. high, \$1 each; \$12 per doz.; Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, \$7.50 to \$35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. For varieties, sizes and prices, see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each; 6-inch strong, \$1 each; 7-inch, \$1.50 each; 8-inch, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

FRENCH PEONIES can be shipped with celerity and security via Bordeaux-New York. Catalogues free. Dessert. PEONY SPECIALIST, Chenonceaux (T. & L.), France.

Peonies. We have an exceptionally large stock of our own growing, strictly true to name. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Peonies. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

Peonies. 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

POINSETTIAS.

POINSETTIAS HEADQUARTERS.

All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock. Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2 1/2-inch pots, plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

Poinsettias, clean, true stock, 2 1/2-inch in paper pots, \$5 per 100; \$45 per 1,000. Stuppy Floral Co., St. Joseph, Mo.

Poinsettias, true type, large bract kind, 2 1/2-inch paper pots, \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Poinsettias, the stock that will suit, 2 1/2-inch, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

Primula obconica, mixed or separate colors, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primula obconica grandiflora and Gig.; Primula Malacoides, transplanted seedlings ready to pot, \$2 per 100; \$18 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA, Miller's Giant, free flowering, fine 2-inch. \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

Primula obconica and Malacoides. 2 1/2-inch, \$4 per 100; \$35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Primroses, Chinese, Forbesi, Malacoides, obconica alba, rosea, Ruby, \$2 per 100. Obconica Gigantea, \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

Table with 2 columns: Rose name, Price. Rows include Pink Killarney, 2-inch... \$4.00 \$35.00; White Killarney, 2-inch... 4.00 35.00; Killarney Brilliant, 2-inch... 7.00 60.00.

WIETOR BROS.,

162 North Wabash Ave., CHICAGO.

GRAFTED ROSES—VERY FINE.

Killarney, White Killarney, 3-inch... \$10.00
Killarney Brilliant, 3-inch... 10.00

BENCH PLANTS.

150 Aaron Ward, grafted, one-year... \$5.00
650 Milady, grafted, one-year... 5.00
300 Killarney, grafted, two-year... 4.50
GULLETT & SONS, LINCOLN, ILLINOIS.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses, field-grown, hybrid perpetuals, creeping and climbing. Write for list and prices. Elizabeth Nursery Co., Elizabeth, N. J.

English roses at German prices. Bees, Ltd., 1075 Mill Street, Liverpool, England.

Roses. Geo. A. Kuhl, Pekin, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Roses, grafted 3½-inch stock: Hadley, Bulgaria, Cecile Bruner, \$140 per 1,000. Own root, 3½-inch: Hadley, Milady, Cecile Bruner, Bulgaria, d'Arenberg, \$90 per 1,000. Grafted 2½-inch: Killarney Brilliant, Hadley, Bulgaria, \$100 per 1,000; 100 good Hoosier Beauty, \$20; Russell, \$130 per 1,000. Own root, 2½-inch: White Killarney, Milady, Hadley, Bulgaria, \$35 per 1,000. Grafted 4½-inch: Bulgaria, \$120 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SEEDS.

Seeds, cyclamen, Giant English grown, each, \$1 per 100; \$8 per 1,000 seeds: Rosy Morn, Excelsior, Mauve Queen, Princess of Wales, Grandiflora alba, Princess May, Duke of Mife, Giant German grown, each, 65¢ per 100; \$5 per 1,000 seeds: Pure white, dark Crimson, Rosa Von Marienthal, dark rose, white with carmine eye, Glory of Wandsbeck, attractive mixture, 1-16 oz., \$4; 350 seeds, 50c. Mignonette, New York Market, oz., \$7; ½ oz., \$1; trade packet, 50c. Giant Machet, oz., 75c; ¼ oz., 40c; trade packet, 10c. Vaughan's Seed Store, Chicago and New York.

Seeds, Pansy, Barnard's Florists' Mixture, Trade packet, 25c; ½ oz., \$1; ¼ oz., \$3.50; oz., \$7. Giant Mixture, trade pkt., 20c; ½ oz., 50c; oz., \$4. Calceolaria Hybrida grandiflora, trade pkt., 50c. Cineraria Hybrida grandiflora, trade pkt., 50c. Primula Sinensis fimbriata, separate colors and mixed, trade pkt., 50c. Seeds of hardy perennials. The W. W. Baruard Co., 231-235 W. Madison St., Chicago.

Seeds, growers of asparagus, broad beans, beet, broccoli, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicory, dandelion, leek, lettuce, mangol, onion, parsley, parsnip, radish, Swiss chard, turnip, swedes. Dealers in grass and clover seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, France.

Seeds, Cyclamen: Louis Salmon King, Pink Pearl, Giant White, Mrs. Buckston, Princess May, Vulcan, Phoenix, 1915 crop. Also Streptocarpus finest strain. Royal Nurseries, Bush Hill Park, Enfield, England.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turrips. R. & M. Godineau, Angers, France.

The Keilworth Giant Pansy seeds. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Keilworth, N. J.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seedsmen's Supplies. Seed bags, folding boxes, hangers and catalogue covers. Stecher Lithographic Company, Rochester, N. Y.

Seeds, pansies. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Pansy seed, giant, finest mixture, 1 pkt., 5,000 seeds, \$1; ½ oz., \$2; oz., \$4. E. B. Jennings, Box 254, Southport, Conn.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, cauliflower, cabbages, rutabagas, mangels, pansies, asters, cyclamen, stocks, etc. L. Daehufeldt, Ltd., Odense, Denmark.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Laagport, Somerset, England.

SEEDS.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and nacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

Smilax, 2½-inch pots, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, 2½-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SMILAX, strong 2-inch, \$1.50 per 100; \$12 per 1,000. C. HUMFELD, Clay Center, Kans.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SNAPDRAGONS.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2½-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

SNAPDRAGONS, 2½-inch Nelrose and Dreer's Giant mixed, \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Feudall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VEGETABLE PLANTS.

Vegetable plants, cabbage and tomato leading varieties, 30c or 100 by parcel post; by express, 75c per 50; \$1 per 1,000; 10,000 and over, 55c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2½-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.**SUPERIOR CARNATION STAPLES.**

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphids, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Special discounts on F. F. Irsa's Insecticide "Roseguard" before the rush season. Write for prices. F. F. Irsa, Amagansett, N. Y.

Nikoteen, 30% strength for spraying, Nicotine Mfg. Co., St. Louis, Mo.

Aphs Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Raffia imported by us direct from Madagascar, West Africa. Regular, 10 lbs., 17c per lb.; 25 lbs., 15c per lb.; 100 lbs., 12½c per lb.; bale, 10½c per lb. Florists' Special, 10 lbs., 19c per lb.; 25 lbs., 17c per lb.; 100 lbs., 13½c per lb.; bale, 11½c per lb. Vaughan's Seed Store, Chicago and New York.

Use the Peerless Powder Blower to distribute sulphur, lime, slug shot, grape dust, tobacco dust, paris green, etc. Price \$4 f. o. b. Chicago. Edw. E. McMorran & Co., 166 N. Clinton St., Chicago.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures, Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & SON, Stratford, London, England.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florists' wire work, wreaths, wreaths on stand, pillows, easels, crosses, crosses on stand. For sizes and prices, see advertisement elsewhere in this issue. Komada Brothers, 1008 Vine St., Philadelphia, Pa.

TRY E. L. RODGERS, 806 N. 12th St., St. Louis, Mo. Florists' Wire Work. We claim to make the best on the market, at the best prices. One trial order will convince you.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy wire lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Sold By The Seedsmen of America



"HAMMOND'S GRAPE DUST"

Used effectively to kill Powdery
Mildew on Roses and other Plants.

USED BY THE FLORISTS FOR OVER 25 SUCCESSIVE YEARS.

Sold by the Seed Dealers.
For pamphlet on Bugs and Blights address

HAMMOND'S PAINT & SLUG SHOT WORKS
BEACON, N. Y.



**Hammond's
Thrip Juice No. 2**

Kills Red Spider
in greenhouses, etc.
Used since 1883.

GLASS

We are leaders. Large stock, good prices.

SHARP, PARTRIDGE & CO.

CHICAGO, ILLINOIS.

Mention the American Florist when writing

**Model Extension
Carnation Support.**

Made with two or three circles. Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.
Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed

IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

Mention the American Florist when writing



Imported by us
direct from

Madagascar

We offer two grades both good value, viz.: Price per pound.

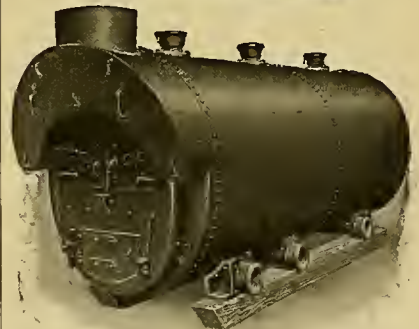
	10 lbs.	25 lbs.	100 lbs.	Bale
REGULAR.....	17c	15c	12½c	10½c
FLORISTS' SPECIAL....	19c	17c	13½c	11½c

Vaughan's Seed Store
NEW YORK CHICAGO

Mention the American Florist when writing

**"SUPERIOR"
INTERNAL-FIRED
BOILER**

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO

TRADE DIRECTORY, \$3.00 Postpaid.

WHEN YOU BUY—GET A KROESCHELL
"THE BOILER OF GENUINE EFFICIENCY"



Expressions from Men Who Know Boilers

Get the Kroeschell First

"We like the Kroeschell Boiler very much. It gives entire satisfaction and it is so easy to fire. I will trade you the two cast iron sectional boilers for another like the Kroeschell I have."
(Signed) FRED PONTING.
July 16, 1913, Cleveland, Ohio.

Kroeschell Best of All

The Kroeschell Boiler I installed last year usually runs from 10 p. m. to 6 a. m. without attention. I do not have the least trouble to keep temperatures in the coldest weather. The boiler has given entire satisfaction. The Kroeschell is the best boiler we ever handled.
(Signed) CHARLES TOTTY.
Madison, N. J., June 30, 1913.

Kroeschell Replaces Cast Iron

The Kroeschell has replaced three cast iron sectional boilers, and it certainly has given entire satisfaction.
It only takes a few words to express the good quality of your boilers and they are as follows: "Of all firms handling boilers and advertising them truthfully, the party buying a boiler would have to get the Kroeschell, as you are certainly advertising nothing but facts."
(Signed) ALEXANDER A. LAUB.
July 18, 1913, New Hamburg, N. Y.

Kroeschell Replaces Cast Iron

We are heating 6,000 sq. ft. of glass with the Kroeschell House Boiler you furnished last fall, and we think it can take care of more.
We maintain a temperature of 60 degrees in the greenhouses and have no trouble keeping temperatures, even in the coldest weather.
The boiler does not require attention after 9:00 p. m., except in the coldest weather, when we bank at 11:00 p. m.
The boiler has given entire satisfaction. We doubt if your boiler could be improved upon; it is by far the best we have ever used, and we've been using heating systems for the past 30 years.
(Signed) THE AVENUE FLORAL CO.
E. W. Elchling, Sec'y.
New Orleans, La., March 3, 1913.

Kroeschell Replaces Cast Iron

I am heating between 17,000 and 18,000 sq. ft. of glass with the No. 12 Kroeschell, maintaining 50 to 54 degrees in the greenhouses.
I have night fireman and we fire about every hour in extreme cold weather, but in ordinary weather every two or three hours, leaving the boiler run five to six hours at the last firing.
Have had three different makes of sectional cast iron boilers, but would not return to the sectional boiler under any consideration.
(Signed) FREDERICK CAREY.
Kennett Square, Pa., July 3, 1913.

SEND FOR OUR CATALOGUE

Kroeschell Bros. Co.

452 W. Erie St., CHICAGO

Plant Riot.

"Plants develop antipathies," says a scientist. Just think of a lot of enemy vegetables meeting in a beef stew!

The carrot cried, "Atrocities!"
The parsnip answered, "Slush!"
The onion poked the spinach
A hot one in the mush.
The bean deplored in Bostonese
Such awful waste of blood,
While the lentil swung, and handed
A black eye to the spud.
—Chicago American.

Somebody's Got to Pay.

"Farm products cost more than they used to," said the city chap. "Yes," replied the farmer. "When a farmer is supposed to know the botanical name of what he's raising an' the entomological name of the insect that eats it, an' the pharmaceutical name of the chemical that will kill it, somebody's got to pay."

Red Spider or Rust.

"Antirrhinums kept sufficiently dry to avoid rust are carried off by red spider," the reckless grower complained to Bob Newcomb, who suggested that his subscription to THE AMERICAN FLORIST had probably lapsed or it would not be necessary to complain of such trifles.

A Landscape Architect.

A new path is being laid out between the Wild Onion school house and Hog Ford. Sidney Hocks has been engaged to open up the path by walking back and forth every day for the next few weeks.—The Hogwallow (Ky.) News.

Parsnip Wine.

Word comes from Texas that both bread and wine can be made from parsnips. But so long as the world has wine made from dandelions and bread filled with caraway seeds, what is the sense in trying to achieve anything worse?—Providence Journal.

Too Much Business.

Doctor: You must go away for a long rest.

Overworked Merchant: But, doctor, I'm too busy to go away.

Doctor: Well, then, you must stop advertising.—St. Louis Times.

Choose Your Flowers.

There are certain flowers that certain people ought to wear either in their natural or artificial guise. It is all a matter of years and height.

Daisies belong only to youth.
Banksia roses are for the debutante.
Lilacs can only be well worn by a tall figure.
Violets are charming for either youth or age.
Crocuses are pretty for the young; tulips are not.

Lilies of the valley are for youth or middle age.

Thistles are for the elderly woman with white hair.
Neither are popples for the petite, nor things that grow in bunch form.

Panicles seem fitted for riper age, though the pansy-eyed girl looks well in them.
Mignonette does not belong to youth, nor do sweet peas and daffodils belong to age.

Chrysanthemums look well on youth or maturity but do not seem to belong to age.

Roses belong to all ages but need to be chosen with care as to their color and size.

Snowdrops that would look foolish on a middle aged woman look sweet on a young debutante.

To a Spring Onion.

How innocent thy slim white grace appears!
Yet thy ingratitude I mourn with rueful pen.

I saved thy life, as, time and time again,
I checked the onslaught of the neighboring hen.

And altruistically I bought sen-sep;
Muddled my shoes to harvest thee, and then
"I pressed thee to my lips—and hence these tears!"

WHEN YOU BUY—GET A KROESCHELL
"THE BOILER OF GENUINE EFFICIENCY"



Expressions from Men Who Know Boilers

The Leading Grower in Vermont

I have had the Kroeschell Boiler six years; it is heating 17,000 square feet of glass. No other but a Plate Boiler for me.
(Signed) H. M. TOTMAN.
Randolph, Vermont.

The Quality Place of Boston

Regarding the Kroeschell, it is the best we have ever had and satisfactory beyond our expectations. It heats up especially quick and has saved us considerably already in the price of fuel. When we are in need of another boiler we will give the Kroeschell the first consideration.
(Signed) WM. W. EDGAR CO.
Waverley, Mass.

Glad He Bought a Generator

Wish to express my complete satisfaction with your Generator which I purchased in November.

In extreme cold spell of January 14th to 14th, when the thermometer registered 6 below zero and the wind blowing at a gale of 70 miles an hour, temperature of carnation houses stayed at 52 at all times; this would not have been possible without the Generator.
(Signed) JOHN S. HASS.
Newport, Rhode Island, Jan. 19, 1914.

Kroeschell versus Cast Iron

The No. 7 Boiler I bought from you is heating 14,000 square feet of glass; I think it can take care of 16,000 feet. I do not have any trouble to keep up temperature of 50 degrees in the coldest weather. I fire only once after 12 o'clock midnight. The boiler has given perfect satisfaction. I have four cast iron boilers—like the Kroeschell best of all. If anyone wishes to inquire about your boiler, let them write me, for I think your boilers are good ones.
(Signed) CHARLES SCHULTZ.
Menominee, Mich.

Cast Iron Boilers Crack

I want to thank you for your promptness in shipping the boiler I ordered of you on January 13th. I had a breakdown; one of a battery of two cast iron boilers cracked so it was impossible to use same, so I got you on the telephone at 8:30 a. m., January 13th, and ordered one of your hot water boilers. Same was put in my boiler room in the afternoon of January 15th, after which we built foundation and connected up. Since that time the boiler has taken care of same glass as the two cast iron boilers had done easier and better in every way.
(Signed) ANDREW BATHER.
Clinton, Iowa.

SEND FOR OUR CATALOGUE

Kroeschell Bros. Co.

452 W. Erie St., CHICAGO



THE NET RETURNS

FROM YOUR GREENHOUSES IS WHAT COUNTS

You want to watch the initial cost, the grade and the workmanship of the material, the construction and the conveniences of the houses, to obtain the best results. Write us for sketches and estimates. We can be of service to you.

Greenhouse Material, Greenhouse Hardware, Hotbed Sash.

Ickes-Braun Mill Co.,

2340 Wabansia Ave.,

(Near Western and North Avenues.)

CHICAGO, ILL.

Mention the American Florist when writing



IF you have a greenhouse or intend building one, you will need our catalog. It will be sent free upon request and we solicit your order.

Advance Ventilating Apparatus and Greenhouse Fittings.

Just tell your troubles to us.

ADVANCE CO.
Richmond, Ind.

Mention the American Florist when writing

MASTICA
FOR Greenhouse Glazing
USE IT NOW.
F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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Morehead Points the way to economy of fuel.

Back to Boiler SYSTEM

BEGIN NOW to find out about the "Morehead" system. Send right away for the "Morehead" book for florists. In it you will find an easily understood discussion of the boiler and condensation question from the practical standpoint of the Grower of Flowers. Write for this help TODAY.

MOREHEAD MFG. CO., Dept. "N" DETROIT, MICH. 304



(Not Inc.)

The Original and Only

ELASTIC-LYKE

LIQUID PUTTY

Positively will not get hard, run in hot nor heave in cold weather.

E. G. PRUNER, Mgr., **THE ELASTIC-LYKE CO.**
30 East Randolph Street, CHICAGO.

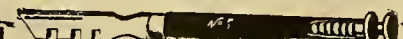
Boilers OF HIGH GRADE.....

For GREENHOUSES

See Our Catalogue.

Steam and Hot Water **GIBLIN & CO.,** Utica, N. Y.

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Six Glass Cutters in One

"RED DEVIL" No. 5 will cut over 5000 feet of greenhouse glass or any other kind. Five extra hand honed wheels in handle.
Sample mailed for 20c. Booklet free.
SMITH & HEMENWAY CO., Inc.
170 Chambers St., New York City

LIQUID = "NICO-FUME" = PAPER

40% Nicotine.
 8-lb. can.....\$10.50
 4-lb. can..... 5.50
 1-lb. can..... 1.50
 1/4-lb. can..... .50

288 sheet can.....\$7.50
 144 sheet can..... 4.00
 24 sheet can..... .85

THRIPS, = APHIS

SPRAYING - VAPORIZING - FUMIGATING

Your Dealer has these Prices

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
 Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
 Quart, 75c. Gallon, \$2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angle worms.
 Quart, \$1.00. Gallon, \$3.00.

SCALINE

A scallicide and fungicide combined for Sao Jose and various scale on trees and hardy stock, and various blights which affect them.
 Quart, 75c. Gallon, \$1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
 Quart, \$1.50. Gallon, \$4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

APHINE MANUFACTURING COMPANY
 MADISON, N. J.

GEO. A. BURNISTON, President. M. C. EBEL, Treasurer.

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NICOTINE 40%
 GUARANTEED BY
The GRASSELLI CHEMICAL CO.
 CLEVELAND NEW YORK CINCINNATI
 CHICAGO MILWAUKEE ST. PAUL
 ST. LOUIS
 WRITE FOR PRICES

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 WRITE FOR CATALOG
Buchbinder Bros.
 518 Milwaukee Ave., Chicago, Ill.

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THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND

SPECIAL DISCOUNTS ON

F. F. Irsa's Insecticide "Roseguard"

before the rush season. Write for pamphlets and special prices to

F. F. IRSA, - Amagansett, N. Y.



NIKOTEEN For Spraying APHIS PUNK for Fumigating

Ask Your Dealer for It.

NICOTINE MFG. CO., ST. LOUIS, MO.

Dreer's Peerless Glazing Points
 For Greenhouses
 Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.
 The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.
 1000, 75c. postpaid. Samples free.
HENRY A. DREER,
 714 Chestnut Street, Philadelphia.

FULL SIZE NO 2

Mention the American Florist when writing

A. HERRMANN,
 Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.
 —Send For Prices—
 404-412 East 34th St. NEW YORK

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THOMSON'S CELEBRATED MANURES

Our Manures are the direct result of many years practical experiences in all branches of gardening.
 Our **Vine, Plant and Vegetable Manure** is unrivaled for all fruit bearing foliage and flowering plants, lawns, vegetables, etc., etc.
 Our **Special Chrysanthemum and Top-dressing Manure** is an excellent stimulant for all pot plants during the growing season.
 Sold by All Leading American Seedsmen; freight paid on quantities; liberal terms to retailers; write for our Special offer to the American trade; agent's circulars, pamphlets, etc., to sole makers:—

Wm. Thomson & Sons,
 (Ltd.)
 CLOVENFORDS,
 SCOTLAND.

Mention the American Florist when writing

Established 1765

Incorporated 1904

HEWS STANDARD POTS

POT MAKERS
FOR A CENTURY AND A HALF.

Also Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen,
Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST
MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES:
Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000 1 3/4 in., crate, \$6.00	456 4 1/2 in., crate, \$5.24
1500 2 " " 4.88	320 5 " " 4.51
1500 2 1/4 " " 5.25	210 5 1/4 " " 3.78
1500 2 1/2 " " 6.00	144 6 " " 3.16
1000 3 " " 5.00	120 7 " " 4.20
800 3 1/2 " " 5.80	60 8 " " 3.00
500 4 " " 4.50	

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NEW YORK.

August Rolker & Sons, 51 Barclay St.,
New York City Agents.

Our Specialty: Long Distance and Export trade.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.
SYRACUSE, N. Y.

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists
and Supply Dealers.
Price, \$1.00 per dozen by express. Sample
dozen by mail, \$1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Those Red Pots

"STANDARDS"

Full size and wide bottoms,
BULB PANS and AZALEA POTS
DETROIT FLOWER POT M'F'Y

HARRY BALSLEY, Detroit, Mich.
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RED POTS

STANDARD AZALEAS
PANS

HARLEY POTTERY CO.,
NASHVILLE, TENN.

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Send for samples of Three Color Shipping
Labels and Florists' Tags.
Letterheads and Envelopes showing special
designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.



RED POTS

that you will be proud to have on your benches, is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?

We also have a full line of Azalea Pots, Hanging Baskets and other goods used by Florists—ask for catalogue.

We also make the famous "Moss Aztec" Ware.

The Peters & Reed Pottery Co.

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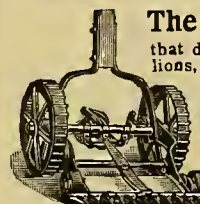
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THE AMERICAN FLORIST



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Vol. XLV.

CHICAGO AND NEW YORK, AUGUST 21, 1915.

No. 1420

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass.,
President; DAN MACRORIE, San Francisco, Calif.,
Vice-President; JOHN YOUNG, New York, Secre-
tary; WM. F. KASTING, Buffalo, N. Y., Treasurer.

OFFICERS ELECT—DANIEL MACRORIE, San
Francisco, Calif., President; ROBERT C. KERR,
Houston, Tex., Vice-President; JOHN YOUNG,
New York, Secretary; WM. F. KASTING, Buffalo,
N. Y., Treasurer. Next annual convention at
Houston, Tex., August, 1916.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at
Minneapolis, Minn., August 24-27, 1915. THOS.
WALLIS, Chicago, President; BELLETT LAWSON,
Jr., Elmwood Cemetery Chicago, Ill., Secretary.
Treasurer.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
St. Louis, Mo., January, 1916. S. J. GODDARD,
Framingham, Mass., President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La.,
August, 1916. EMIL T. MISCHÉ, Portland, Ore.,
President; R. W. COTTELL, Seattle, Wash.,
Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland,
O., November 10-14, 1915. WM. KLEINREINZ,
Gongtz, Pa., President; C. W. JOHNSON, Morgan
Park, Chicago, Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Phila-
delphia, Pa., 1916. S. S. PENNOCK, Philadelphia,
Pa., President; LOUIS J. REUTER, Westley, R. I.,
Vice-President; BENJAMIN HAMMOND, Beacon,
N. Y., Secretary.

THE SAN FRANCISCO CONVENTION.

Next Convention at Houston, Texas.

OFFICERS FOR 1916:

President, Daniel MacRorie, San Francisco.
Vice-President, R. C. Kerr, Houston.

Secretary, John Young, New York.
Treasurer, Wm. F. Kasting, Buffalo.

Convention Proceedings.

The thirty-first annual convention of the Society of American Florists was called to order on schedule time, August 17, at 2 p. m., in the Civic Center auditorium, San Francisco, Calif., by Vice-President Daniel MacRorie who introduced Mayor James Rolph, who then welcomed the visitors, Wm. F. Gude, of Washington, D. C., responding. There was an excellent and thoroughly representative attendance at the opening session.

The mayor in cordially welcoming the visitors, spoke of the early history of San Francisco and the civic triumphs of her citizens. He referred to the trials of the "shake and fire" period and the zeal of the inhabitants in rebuilding the beautiful and prosperous city which greets the Panama-Pacific exposition guests within her gates, representing all the civilized nations of the earth. He dwelt on the horticultural attractions of the city and the great work of the McLarens, father and son, in its adornment. His Honor's frequent reference to Vice-President MacRorie showed unmistakably the highest appreciation of the worthy Daniel's splendid missionary work for the city in connection with this and other noteworthy conventions. At the close of Mr. Gude's eloquent response, President Patrick Welch, of Boston, Mass., was introduced and assumed control of the proceedings.

Following the president's able and exhaustive address, the reports of Secretary John Young, Treasurer Wm. F. Kasting and Wm. F. Gude, chairman of the William R. Smith Memorial and tariff and legislative committee and the society's Washington representative, were presented.

In the nomination of cities for the convention of 1916, W. W. Coles, of Kokomo, Ind., presented the claims of Houston, Tex., and was supported by Wm. F. Gude and A. T. De La Mare. John Young, Richard Vincent, Jr., and E. G. Hill spoke for New York and Wm. Allen and C. W. Ward for New Orleans. The reports of the state vice-presidents were ordered printed in the proceedings and adjournment followed the announcement of committees for convention work.

President Welch's Address.

Ladies and Gentlemen:

On any occasion the members of this society, especially those residing east of the Rockies, could have visited this city with pleasure and profit, but at this time when the great Panama-Pacific exposition is being held here, we deem ourselves most favored. It is needless for me to say that I am honored as the presiding officer of this great national society, one of the few in the United States possessing a charter issued under a special act of the national congress and signed by the president. This great opening of our convention proves that we are not an association of New Yorkers, New Englanders, Pennsylvanians or Virginians, but confirms our boast that we are a national association in representation, as well as in name. We should, and we do feel proud of our profession for the wonderful progress it has made. According to the last available census, that of 1899-1909, the sale of plants and flowers advanced from 18,758,864 in 1899 to 34,872,329 in 1909, an increase of 91 per cent. The total number of establishments in the United States in our business in 1909 was 10,614.

The leading states in value of flowers and plants are:

New York	\$5,110,000
Pennsylvania	3,761,000
Illinois	3,681,000
New Jersey	2,839,000
Massachusetts	2,432,000
Ohio	2,357,000
California	1,374,000
Indiana	1,202,000
Michigan	1,132,000
Connecticut	1,042,000

Membership.—A society gains much of its influence and usefulness from a large membership, and while the Society of American Florists and Ornamental Horticulturists has been adding strength to its membership, I feel we can do much more in that direction. What work can be more pleasant than the gathering together in one great organization of all our business associates in this country? Experience has shown us that what is everybody's business is not attended to by anyone, and so I say, let the increasing of the membership be an individual matter of pride to us all. We all have a high estimate of the benefits derived from membership in our society, let us mortalize it during the coming year by doubling our membership list.

This is an age of co-operation and affiliation, and what was formerly advanced individually, is now accomplished only by thorough organization. If we are to perform the mission of this society we can only be satisfied when we have joined to its ranks every man engaged in floriculture and horticulture, whether he is doing business in the North, South, East or West of this grand country of ours.

Every state in the Union in which we have members is wisely entitled to a national vice-president; wisely, I say, because every state has then at least one national officer within its limits. One of the principal duties of the vice-president is to increase the membership in his state, therefore I urge the vice-presidents during this year to conduct active, spirited campaigns for new members in our society. Very few men join an organization such as ours without being invited, and anyone on being informed of the progress which this society has made in the last 30 years will hardly hesitate to become a member when he is invited. We are proud indeed of the position of our society to-day with 2,000 members and \$30,000 balance in our treasury, thanks to the wise, discreet and courageous policy displayed by our officers. I feel that with a little effort on the part of our vice-presidents especially, our membership can be materially advanced and our usefulness increased accordingly.

National Flower Show.—For the past six years we have witnessed the success of the national flower show and recognized its great value as a medium for educating the public in the love and admiration for horticulture and floral products. It has proved a safe financial enterprise for the society. To insure the continuance of the national flower show, and in keeping with the ambitions of the society, it is necessary that the best and most efficient members should be placed on that committee. There is no branch of the work which the S. A. F. has undertaken to put through, that calls for co-operation with all other interests as much as the work of the flower show committee—co-operation with the rose, carnation, sweet pea and gladiolus societies, the private gardener and all other kindred organizations. What can be accomplished



DAN MACRORIE.

President-Elect Society of American Florists.

through co-operation in other fields, can likewise be accomplished here. All that is required is to emphasize the benefits that are to be derived and the determination to secure them.

We have always been successful in securing the aid and support of the horticultural interests in the city where the national flower show has taken place, and that we must always continue to have, for without it we cannot have a full measure of success. There is no better agency for horticultural advancement than the one which has for its end a national flower show once in two years.

School Gardens.—I am much impressed with the work accomplished in the past by the permanent committee on school gardens under the leadership of its able and efficient chairman, Benjamin Hammond. This work is of much practical benefit and interest to the boys and girls of this nation, bringing health and strength to growing children. Its installation in school districts throughout the country would bring thrift to many a rising family. The school garden affords much pleasure and broadens mentality. The training tends to improve home surroundings. A little instruction in this line helps to form habits of thrift and economy. Every member should assist in this work with a hope that it may create an interest in your town or city and be of inestimable value to the future welfare of commercial floriculture

The Convention Gardens.—Our convention gardens of Minneapolis and Boston have undoubtedly met with the approval of the great majority of our members and the profession in general. Their value from an educational and commercial point of view is recognized by all and the question before us now is; "How can we best continue this important work, in what way and manner can we improve and advance its scope, and how can we secure for those gardens permanent existence in the cities where we establish them?"

In the way of advancement it should be made possible to improve upon the plan of the Boston garden. I should like to see those gardens designed and executed in such a way that they will represent good garden landscape effects, as well as good plant cultivation. It is necessary that all proper planting material and appurtenances known to good garden architecture be employed in the creation of those gardens, where each individual plant or group of plants would be given its proper place in the garden as a whole. This, I realize, cannot be done in one short season and would require not less than two years of planning and execution. To make this possible it would be necessary to select the convention city two years ahead of the meeting in place of one and I want to advance the question at this time, as to why this could not be done.



R. C. KERR.

Vice-President-Elect Society of American Florists.

If the convention garden work can be enlarged upon, along the lines of this suggestion, I believe that the secretary and the local authorities of the convention cities, having the execution of the plans in charge, should have the assistance of a permanent committee of the S. A. F. consisting of three members well versed and experienced in this work. They shall be appointed by the president, one for three years, one for two years and one for one year. Each president thereafter would make an appointment annually. In this connection I recommend that after the appointment of this committee, the first question they should consider would be an amendment to the constitution providing for the choice of the annual convention city two years in advance. Their recommendation should be submitted to the executive board for consideration before being acted upon by the national convention.

Legislation.—The pioneers in commercial floriculture took conditions as they found them, surmounted difficulties and conquered many obstacles. They did it in their own way without any great assistance from legislation, but that method can no longer go on. We must see to it that no hostile laws are put upon the statute books. Legislation, emanating either from congress or from any of our state legislatures, may be helpful or result in great injury unless prevented by

the active work of our legislative committee.

The requirements of this committee call for a reasonable annual appropriation to be used when needed to encourage favorable and prevent hostile legislation. I would strongly recommend that the chairman be given power to secure counsel in Washington, or in any of our states, to appear before national or local legislative committees, and make known our needs whenever in his judgment this may be necessary. I would also recommend that our representative in Washington should in the future be given the same privilege that is accorded all other executive members, namely, the right to vote on all questions that may be brought up for adjustment before the board of directors at the annual meeting. At present he is required to attend all meetings of this board but is denied the right to vote, which is depriving the society of the benefits that would accrue from the exercise of this privilege by a member whose judgment and experience is of great value to the society.

Election of Directors.—The constitution and by-laws under which we now work is practically as adopted at a meeting of the incorporators of the society in Washington in 1902, immediately after our charter had been signed by the late President McKinley. I am satisfied from observation

and experience in its workings that the election of two members of the board of directors annually, in place of their appointment by the president, would result in creating a much livelier interest in the annual convention, bringing the work of the society nearer to the members and relieving the future presidents of the difficulty of making these selections. Ex-President Frank R. Pierson in his address at Rochester, N. Y., in 1910, had the same idea in mind when he said, "I am firmly of the opinion that we would more nearly follow out the ideas of democratic government by the election rather than the appointment of directors."

The changes which have taken place in the make-up of our board of directors within the past two years make it necessary that the society itself should elect two directors annually, especially since the privilege is extended to local clubs and the national organizations having one hundred S. A. F. members to elect one. I would recommend that this society in convention authorize the amendment of the constitution so that hereafter two members shall be elected to the board of directors at our annual convention.

Co-operation.—The parent society has ever been renowned for her many activities in behalf of advanced horticulture. It has played an important role with patience, zeal and determination, to the end that co-operation between the allied societies should be a fitting and notable achievement. To the committee comprising Theodore Wirth, George Asmus and William F. Kasting, we owe a debt of gratitude for their labor, loyalty, unflinching patience and persistence.

The first practical step towards real affiliation with the kindred societies and florists' clubs throughout the country was passed at the last convention in Boston. Under the terms of this amendment the New York, Boston and Philadelphia florists' clubs, the Florists' Telegraph Delivery, the American Rose Society and the American Carnation Society are now represented on the board of directors by their presidents. This increase in the board ought to prove of great value to this society and contribute much toward a liberal policy between the clubs and the parent society.

The wisdom and success of having the various minor organizations made a sectional portion of the S. A. F. & O. H. is no better exemplified than in the instance of the Florists' Telegraph Delivery and the consequent effects upon the parent body. This organization has grown immensely within the past four years. Approximately 235 firms have joined the Florists' Telegraph Delivery and resultantly members of these firms are also members of our national society. The benefits from this important branch of the flower business are not retained by the retailer alone, but are passed on through the various branches to the humblest employe of the grower. This certainly makes it worth while for every retailer of standing to join and receive the benefits of its workings and also to assist the national association which has helped materially in its formation.

We ought to make every effort to induce other clubs throughout the country to become interested in this movement. I would recommend that the constitution be amended so that the members before taking their seat

in the board of directors have the consent of the majority of the club or society they represent.

Publicity.—It is needless to point out the value of publicity for the dissemination of proper knowledge and educating the public in the more general use of horticultural products. It is necessary for the society to organize a "Publicity Bureau" whose work would be along the lines of a campaign, directed primarily for the annual increase of the sale of flowers, plants and plant products, through new and varied channels and also to take means to prevent any society, corporation or individual from decrying the use of these products for special occasions. We very often learn of repeated attempts made to discourage the use of our products. Such cases should be taken up by the publicity bureau and every means possible taken to offset the effects of such adverse influences.

I am very much in favor of a standing committee of five members, whose duty shall be to co-operate with the retailers, wholesalers and producers so that our business shall be brought before the public in a much more favorable and effective light than it has been in the past. We should have recourse to the leading daily papers throughout the country, which I believe will gladly publish from time to time articles on commercial floriculture. This will have a wonderful effect for it will bring before the American people the merits of our business and the enjoyment derived from the use of our products.

The hour has come when we should give this question our best thought and action. I think greater benefits can be secured from aggressive work of this nature than any we can engage in. I feel that the results would justify a reasonable expenditure annually for the maintenance of such a committee.

National Credit and Collection Department.—I am forcibly reminded by a large number of the members of our society of the pressing necessity for creating a national bureau of credits, a central office where credit information can be kept and references obtained. The commercial interests of our business have grown to such an extent during the past 15 years as to call for a more up-to-date standard of business practice.

There ought not to be any objection to such a movement as it is highly probable that it would do a great deal of good and there is but little danger that it would do any harm. It should, however, be carefully guarded so that it could be used mutually by both debtor and creditor. The slightest intimation that a creditor was benefiting to any extent at the expense of the debtor would create dissatisfaction and lead to serious results. The preservation of the rights of commercial life, liberty and the pursuit of trade should be upheld and not interfered with. It is apparent, however, that ways and means should be considered and adopted by which the financial standing, honesty and integrity of the commercial florists could be measured, determined and circulated among our members to the end that honest, upright, just and creditable business men may be singled out from the unjust and unscrupulous operators.

I regard this problem a fundamental one, and believe it should be considered and adopted only after a very

careful study. I would suggest the appointment of a committee of nine members to be selected from the large floral centers of the country, to consider this subject and report at the meeting of the board of directors in 1916.

American Products.—There is a constantly growing sentiment in this country among those who have given the subject study that the time has now arrived when a large part if not the whole of the horticultural products which have been grown and imported from Europe should be grown in this country. This is something I have had in mind for some time past. We should not seek to take advantage of the unfortunate conditions existing in Europe at the present time, and this society will do its part toward helping to maintain the commercial honor of the United States so that we shall emerge from this war period with the love and admiration of all nations concerned. Our climate, soil and other conditions are, according to our best authorities, well adapted for the growth of palms, bulbs, nursery stock, etc., which now go to make a total of imports of over \$2,000,000 annually.

I recommend that a permanent committee of three be appointed to study this problem and seek the advice and counsel of the United States department of agriculture, and devise ways and means by which those interested may be encouraged and assisted in taking up this work which ought to bring about good results, and report annually to the society in convention.

Voting.—Experience has taught us that our present system of electing officers at our annual convention occupies too much time. It is wrong to ask a man to stand in line for half an hour and some times longer before he can cast a ballot for the choice of officers.

As a remedy for this condition I would suggest that a list of the members be alphabetically arranged in four books:

Book No. 1 to include all names beginning with the letter "A" and ending with the letter "D."

Book No. 2 to include all names of members beginning with the letter "E" and ending with the letter "K."

Book No. 3 to include all names beginning with the letter "L" and ending with the letter "R."

Book No. 4 to include all names beginning with the letter "S" and ending with the letter "Z."

It will be necessary that one teller for each book be appointed to check names, also one to receive the ballots. This calls for an amendment of our by-laws which I hope will be passed and made effective at the opening session of our next annual convention.

In Conclusion.—The trade and commerce in seeds, plants and flowers are of such national magnitude and importance that they are justly classed among the great business interests in this country. There is no more charming art and occupation than the cultivation of flowers, plants and fruit-bearing trees; there is no calling more conducive to human welfare than that of the horticulturist. Today let us applaud the work of our chosen officers for what they have done in the past, but let us make this applause count by seeing that the good work continues. Let us see to it, that the society is built up, its influence increased by the combined efforts and with the co-operation and assistance of all kindred organizations, so that the next generation can look with pride on the work accomplished and take for their motto the inspiring words of Edward Everett Hale, "Look up and not down, look out and not in, look forward and not back and lend a hand."

Secretary Young's Report.

IMPROVED TRADE CONDITIONS ANTICIPATED.

At the time of our last convention the florist trade, in common with many other industries, was feeling the effect of conditions brought about by the re-



PANAMA-PACIFIC EXPOSITION HORTICULTURAL FEATURES.

Acacias and Rhododendrons in the Court of the Universe.



PANAMA-PACIFIC EXPOSITION HORTICULTURAL FEATURES.

The Avenue of Palms and the Palace of Manufactures.

grettable war precipitated in Europe, and while these conditions have not improved by any means, we have become somewhat accustomed to them, and we should congratulate ourselves that business has not been much worse. Some localities have felt the depression more than others, while in other communities business has been near to the normal point. The cut flower section has felt the decline perhaps more keenly than other sections of the business, but preparations for another season have been pushed along in an atmosphere of cheerfulness, with the hope that the business horizon will clear before the end of the year.

EXHIBITION.

Our trade exhibition has suffered this year from causes beyond control. The florists' supply trade has been unable to make the usual showing, for the reason that imported goods are just now a very poor possibility, and our own manufacturers have not had time to adjust themselves to circumstances, at least as far as the production of novelties in various lines is concerned. Distance, and cost of transportation to San Francisco are other factors which have tended to cut down our exhibits. Notwithstanding, our trade exhibition is this year most creditable, and the interest it has provoked quite as strong as at previous conventions.

EXECUTIVE BOARD MEETING.

A meeting of the executive board of the society was held at Chicago, March 1-2, 1915. This was the first meeting of the board of directors under the new affiliation plan and it was decided to make no change in the quorum number, notwithstanding the fact that the board comprised 17 members.

A request from the Chrysanthemum Society of America that the S. A. F.

and O. H. award its silver and bronze medals at the annual exhibition of the chrysanthemum society, to be held in conjunction with the exhibition of the Cleveland Florists' Club, next November, and similar medals at the exhibition of chrysanthemums, to be held under the auspices of the C. S. A., at the Panama-Pacific exposition, San Francisco, in the fall, promoted by the gardeners and florists of the Pacific coast, was referred to the national flower show committee with the recommendation that the request be granted. It was voted that it was the sense of the board that the national flower show committee be authorized to offer medals only.

Owing to existing conditions in the national capital, the Wm. R. Smith Memorial committee reported it has been more or less handicapped with the work on this project. Quite a nice sum has been deposited with a trust company and bearing interest, and a few projects had been considered, all of which would be dealt with later. Wm. F. Gude, chairman of the committee, has hinted that among the forms under consideration which the memorial might take was an educational garden, and that some assistance in this direction would probably be obtained from congress.

During the session of the executive board, a number of matters of importance were considered and referred to proper committees, to be reported upon at the annual convention.

MEMBERSHIP.

The bulk of our increase in membership is provided by California and the Pacific coast states. While it is not unusual for the society to experience a large influx of members from a convention city and nearby territory, the business standing of those initiated this

year is extraordinarily high in the aggregate, and your secretary hopes this means that the names of these new members will long remain on our membership roll, reminding us that their interest in the society and its work was not merely of a "passing" character.

Since our last convention one or more names for membership have been sent in by the following: Vice-President Daniel MacRorie, 102; Florists' Telegraph Delivery, 24; State Vice-president E. T. Mische, 11; Director J. J. Hess, 3; State Vice-president J. W. Duncan, 3; President Patrick Welch, 2; State Vice-president J. F. Huss, 2; State Vice-president Harry S. Betz, 2; Florists' Hail Association, 2; A. Farenwald, 1; J. H. Dick, 1; L. M. Gage, 1; F. H. Holton, 1.

NECROLOGY.

Since the last convention we have lost the following members through death:

P. R. Quinlin, August 27, 1914.
 Peter Bohlender, September 8, 1914.
 W. L. Palinsky, October 10, 1914.
 Godfrey Aschmann, October 28, 1914.
 J. B. Steussy, September 2, 1914.
 D. Y. Mellis, November 21, 1914.
 John Monson, December 29, 1914.
 Richard Groves, January 30, 1915.
 Wm. B. Patterson, March 16, 1915.
 H. Frank Darrow, February 21, 1915.
 John Zech, April 29, 1915.
 Professor J. F. Cowell, May 1, 1915.
 Simon Rodh, April 19, 1915.
 E. J. Welch, Jr., May 17, 1915.
 Chas. F. Krueger, June 4, 1915.
 Samuel Thorne, July, 1915.

PLANT REGISTRATION.

The following plants have been registered:

No. 612—Nov. 7, 1914. Begonia, Mrs. J. A. Peterson, by J. A. Peterson & Sons, Cincinnati, O.

No. 613—Nov. 28, 1914. Geranium, La Favorite X Detroit, by Charles Borrmann, Buffalo, N. Y.

No. 614—Dec. 5, 1914. Canna, Pochontas (Bronze Olympic), by Conard & Jones Co., West Grove, Pa.

No. 615—Dec. 5, 1914. Canna, Flag of Truce, by Conard & Jones Co., West Grove, Pa.

No. 616—Dec. 5, 1914. Canna, Dragon, by Conard & Jones Co., West Grove, Pa.

No. 617—Dec. 5, 1914. Canna, Princeton, by Conard & Jones Co., West Grove, Pa.

No. 618—Dec. 5, 1914. Canna, Gaiety, by Conard & Jones Co., West Grove, Pa.

No. 619—Dec. 26, 1914. Asparagus hybrida gracilis, by F. W. Fletcher, Auburndale, Mass.

No. 620—Feb. 13, 1915. Carnation, Mrs. R. E. Loeben, by R. E. Loeben, Gloversville, N. Y.

No. 621—Feb. 13, 1915. Salvia, Red Cross, by the Swiss Floral Co., Portland, Ore.

No. 622—May 15, 1915. Canna, City of Portland, by Conard & Jones Co., West Grove, Pa.

No. 623—June 22, 1915. Violet, Anne Evans, by Frank D. Pelicano, San San Francisco, Calif.

No. 624—June 22, 1915. Violet, Quaker Lady, by Frank D. Pelicano, Francisco, Calif.

No. 625—July 31, 1915. Coleus, Yellow Traveling Queen, by Oak Grove Greenhouse, Tuskegee, Ala.

No. 626—July 31, 1915. Daisy, Mrs. H. G. Selfridge, by A. T. Pyfer & Co., Chicago, Ill.

No. 627—July 31, 1915. Rose, Mrs. Bayard Thayer, by the Waban Rose Conservatories, Natick, Mass.

No. 628—July 31, 1915. Rose, Mrs. Moorfield Storey, by the Waban Rose Conservatories, Natick, Mass.

FOURTH NATIONAL FLOWER SHOW.

A meeting of the national flower show committee, held at Chicago, March 1-2, and presided over by chairman George Asmus, was attended by all members of the committee. It is hardly necessary to touch upon all of the details of the work that have been disposed of by this committee so successfully. The premium list is well in hand and a complete list of plants and flowers for which awards will be made will be issued in the near future. Convention hall, which has been secured for the exhibition on very advantageous terms, is well arranged for the purpose, and the Fourth National Flower Show, Philadelphia, Pa., March 25 to April 2, promises to surpass any previous exhibition of its kind.

Treasurer Kasting's Report.

The report of Treasurer William F. Kasting was presented and made a part of the record. The financial affairs of the society were shown to be in excellent condition. A summary of the report follows:

PERMANENT FUND.

The balance on hand January 1, 1915, was \$17,815.19; total receipts to August 1 were \$1,192.31, making a total of \$19,007.50.

GENERAL FUND.

The balance on hand January 1 was \$14,376.48; the receipts to August 1 were \$2,732.00, while disbursements to the same date amounted to \$5,347.28,

leaving a balance in the general fund of \$11,761.20.

SPECIAL FUND.

The balance on hand in the special fund January 1, 1915, amounted to \$1,589.82, to which interests for the first six months in the year amounting to \$31.94 were added, bringing the total in this fund to \$1,621.76.

As stated in Treasurer Kasting's report these amounts have been invested as follows: Dunkelberg Bond & Mortgage, Fort Wayne, Ind., \$5,000; City and Suburban Realty Co., Fort Wayne, Ind., \$1,500; deposited in banks, \$12,507.50. Total, \$32,390.46.

Washington Representative's Report.

The past year has been one of watchful waiting rather than strenuous action in the national capital, so far as the interests of our society are concerned. The demands on your representative there have not been excessive, from which I assume that the florists of the country have no fault to find with the laws enacted by congress during the year.

In the early part of the winter a communication was received by your representative, in which objection was raised to the classification of express rates on pot plants and plants not in pots. Another communication was received in relation to bills introduced in the state legislatures, providing for the inspection and regulation of steam boilers. Both of these communications were referred to the committee on legislation and will, doubtless, be dealt with by that committee in its annual report.

The most important event of the year, both locally and nationally, was the formal dedication of the rose gardens at Arlington Farms, June 2, 1915. About 50 florists came from different cities, as far away as Boston, to be present at the ceremonies. A meeting of the American Rose Society was called in the rooms of the American Institute of Banking, Washington, D. C., where the entire party met, on the date mentioned, at one o'clock p. m. After this meeting, the party went in automobiles to the Arlington Farms, three miles away, in a down-pour of rain. While the gardens were

in full bloom and showed up well, the drenching rainstorm, which had lasted three days, had a very depressing effect on the general beauty of the gardens. After viewing the gardens, the party returned to the city, where the formal dedication took place. Interesting addresses were made at the dedication by officers of the national government, the president of the American Rose Society, and others.

After the dedicatory exercises had been concluded, the party went by automobiles to Twin Oaks, the home of Mrs. Charles J. Bell daughter of the late Mrs. Gardner G. Hubbard, donor of the Gardner Hubbard memorial medal. Mrs. Bell had extended a kind invitation to the party to inspect her rose gardens. The party was most cordially received by Mrs. Bell. After the inspection of Mrs. Bell's gardens, refreshments were served. An hour and a half was pleasantly and profitably spent at this beautiful home, after which the party returned to the city, and left for their homes. The affair was voted a big success and one of the most interesting events in the annals of floriculture and horticulture.

I am pleased to state that the pride taken in the S. A. F. and O. H. by the florists of the national capital, is surpassed by no other city in the Union, and is attested by the presence here today of nearly a dozen members of this society, from Washington, 3,000 miles away.

WM. F. GUDE.

Tariff and Legislation Committee.

Perhaps the most important action your committee was called upon to take, was in reference to the fall shipments of azaleas and other Belgian plants, which are at present under embargo by the British authorities. These plants are exclusively of Belgian origin and production and since the enemies of Great Britain do not get any revenue or benefit from their sale, it was felt that the embargo—while not helping the British forces—would work considerable harm to the Belgian shippers and the American importing florists.

This matter was taken up with our state department by request of Mc-



GIANT REDWOODS (SEQUOIA SEMPERVIRENS) IN HUMBOLDT COUNTY, CALIF.

C. W. Ward and Party at the Base.



BEDDING IN INDIANAPOLIS PARKS, 1914.

Hutchison & Co., New York. The United States trade advisers informed us how to proceed in the matter of securing permits for the importation of azaleas, etc., from the British authorities, and we have good reasons for believing that those shipments will arrive this fall on schedule time. Definite information will be given in the trade papers as soon as an official decision is rendered by the British authorities.

Your committee had but two propositions referred to it during the past year. One of these propositions was brought up by J. A. Peterson, of Cincinnati, Ohio, who complained of the classifications of express rates in reference to plants shipped in pots and plants shipped out of pots, insisting that there should be a lower rating on plants shipped in pots or tubs. The matter was promptly taken up with the interstate commerce commission, and the commission, in turn, corresponded with the several transportation companies, requesting an expression of their views. After receiving all the data that could be reasonably obtained, including copies of the correspondence between the interstate commerce commission and the express companies, your committee reached the conclusion that, as the express companies seemed to be losing money on the present rates, it was an inopportune time to attempt to bring about a reduction of our rates. In other words, your committee felt that it would be the part of wisdom to "let well enough alone," that an agitation of this matter at this time might result in our rates being raised, rather than lowered, under the authority given the interstate commerce commission by congress, in March last,

to revise or change the express rates. Subsequently, your committee received notice from the interstate commerce commission that a hearing would be given on the question of express rates, May 26, 1915. Feeling that the florists should be represented, your committee had A. Leftwich Sinclair, an attorney, appear at this hearing, as counsel for our society.

In his reports, attached hereto, Mr. Sinclair explains the purpose and scope of the hearings attended by him and points out the procedure which will have to be followed, if our society wishes to obtain a formal hearing on the question of the rating on plants. Mr. Sinclair also suggests that, before filing the necessary petition with the interstate commerce commission, our society should arrange for a conference with the representatives of the various express companies with a view to an amicable adjustment of this matter.

The other question referred to your committee relating to legislation was concerning boiler inspection. It appears that, from time to time, numerous bills are introduced in the state legislatures to require the inspection and regulation of boilers. It has been suggested that, within the next year or so, there will probably be a large number of bills of this character introduced in the state legislatures, and that our society should provide machinery by which we can resist the passage of legislation which would work a hardship on our industry.

As illustrating the vicious character of some of these bills, your committee is informed that, only a short time ago, there was introduced, in the legislature of the state of Pennsylvania a

bill requiring every owner of a low pressure heating boiler to pay \$5 a year for the inspection of that boiler, if his boiler should be over four foot of grate area and carry over ten pounds of pressure. Had that bill passed, every florist in the state of Pennsylvania would have been obliged to pay to that state the sum of \$5 a year, or more, depending on the number of boilers in use. Your committee is also informed that there are statutes in force in several of the states which provide that every steam boiler carrying over ten pounds of steam pressure must be in charge of a licensed engineer, and that a movement is on foot looking to the enactment of similar laws throughout the country.

All such propositions, in the opinion of your committee, should be fought by our society with all the force at its command. It is, therefore, recommended that the scope of your committee be enlarged, without delay, so that the committee can keep in touch with proceedings of the state legislatures, as well as those of congress, and be prepared to resist the passage of all bills found to be detrimental to the members of our society.

If the foregoing recommendation of your committee is adopted, your committee should be authorized to arrange for a reporting service of some kind, and to employ counsel to represent the society, whenever in the judgment of your committee the services of counsel are required.

WM. F. GUDE, Chairman,
JAS. MCHUTCHISON,
WM. F. KASTING,
RALPH M. WARD,
JULIUS ROEHR,
WM. H. SIEBRECHT, JR.

Smith Memorial Committee Report.

On account of the general depression in business all over the United States, and further on account of various other disturbances throughout the world, which affect us generally, the memorial committee thought best not to push the project during the past year. The following statement shows the money collected to date, received since last meeting:

Vaughan's Seed Store.....	\$ 75.00
M. Patten	10.00
Mr. Dillon	5.00
Chas. E. Denker.....	5.00
Wm. Jurgens	5.00
Wm. Nilsson	10.00
Theo. Standt	10.00
Henshaw & Fenrich	5.00
Albany Florist Club.....	10.00
Chas. Sibold	5.00
C. E. Critchell.....	10.00
E. I. Herr, Treas. Ladies' S.A.F.	25.00
Poehlmann Bros. Co.....	50.00
Wm. L. Rock Flower Co.....	10.00
Geo. W. Hess and employes..	15.00
Kentucky Society of Florists..	10.00
John McLaren, San Francisco.	50.00
Dan'l MacRorie, San Francisco	50.00

Cash previously acknowledged.	\$ 360.00
Interest credit to date.....	1,416.60
	54.03

Total cash	\$1,830.63
Expenditures, stationery, postage, etc.	85.35

Bal. in Munsey Trust Co...\$1,745.28
Your committee feels hopeful of receiving some goodly sums from influential citizens and liberal support from Congress. Your committee has not decided what form of a memorial to suggest, as their decision will no doubt be largely governed by the amount of subscriptions collected and government influence that they may be able to secure.
WM. F. GUDE, Chairman.

Report of W. E. Britton, Entomologist.**CHRYSANTHEMUM PESTS.**

All who have been troubled by the chrysanthemum leaf miner or marguerite fly, *Phytomyza chrysanthemi* Kowarz, should obtain Bulletin No. 157 of the Massachusetts agricultural experiment station, Amherst, issued recently.

For the past 25 years this insect has caused damage to composite plants in the northern states. The adult is a two-winged fly which lays an egg in an incision just under the epidermis of the leaf. This egg hatches in five days and the larva mines in the parenchyma of the leaf for about two weeks, when it transforms to the pupa stage inside the leaf. Two weeks later the adult emerges. There are 10 generations each year. Spraying the plants with nicotine solution is a remedy. If "Black Leaf 40" is the kind used it should be diluted at the rate of about one part in 400 parts of water or, roughly, two teaspoonfuls in a gallon.

Another chrysanthemum pest new to our continent is the chrysanthemum midge, a European insect which has recently caused much damage in some large commercial greenhouses in Michigan. It causes a swelling on the main stem near the surface of the ground, galls or enlargements on the midribs of the leaves, and close ill-shaped heads which ruin the plant for commercial purposes. It will probably be difficult to control this pest.

Further injury to chrysanthemums may be here recorded by a mite, *Tarsonemus pallidus* Banks, mentioned in my report of last year. This time it occurred in October in a commercial

greenhouse at Hartford, Conn., and many of the petals had withered and turned brown.

NEW PINE TREE PEST.

During the past year one of the destructive European sawflies *Diprion* (*Lophyrus*) *simile* Hartig, has been found in this country where it has apparently become established. The insect passes the winter in its cocoons on or under leaves and rubbish near the ground. There are apparently three broods each year in Connecticut, the cocoons of the first and second broods often being formed on the twigs. The larvæ are about an inch long, greenish yellow with brown markings, and have the appearance characteristic of sawfly larvæ. They feed upon the needles of several species of pine, including the white pine, Austrian pine, *Pinus densiflora*, *P. excelsa* and *P. flexilis*. It will doubtless be found to attack other species as well.

The eggs are laid in longitudinal incisions in the needles and are placed end to end. The cocoons are brown, oval bodies about three-eighths of an inch long and of a tough, leathery texture. The adults have a wing-spread of from about half an inch in the male to three-fourths of an inch in the female. The male is black, but the female has yellow thorax and abdomen. Though this insect occurs in four towns in Connecticut it will probably be found in other states. Just how it was brought to this country is not known, but probably cocoons came over on nursery stock and either passed the inspectors or perhaps came in before the inspection system was established. Parasites of this sawfly have been observed in Connecticut. Spraying the pine trees with lead arsenate (3 lbs. in 50 gallons of water) is the best remedy. A preliminary illustrated account of this insect may be found in the *Journal of Economic Entomology*, Vol. 8, pages 379, June, 1915.

JUNIPER WEB WORM.

Several samples have been received by the writer of juniper twigs webbed together by this insect. On rearing the adult it proved to be *Dichromerus mar-*

ginellus Fabr. Dr. E. P. Felt* has recorded this insect from Long Island and from the Hudson river valley in New York state. This is also a European species which has appeared in the United States during the past few years. The real damage from it will be in ornamental plantings in parks and on private grounds, and doubtless may be prevented by a thorough spraying of lead arsenate early in spring and again late in summer.

School Gardens Committee Report.

Our country is so large that to nationalize any movement is no small work, and to hold the interest of each section in a particular work or object is difficult, but one effort to stir up common interest certainly meets with a well nigh universal appreciation, and that is "School Gardening." The florists of this country are in a trade that helps greatly to develop beauty all around, and in the efforts made by the Society of American Florists and Ornamental Horticulturists to stimulate interest in some practical labor by teaching in our schools a little gardening and floriculture. The answers come from many points, which shows without question that the effort is having a helpful result.

This season our letter sent to every school board or school superintendent where is located a member of the S. A. F. and to each and every state commissioner of education, had, as a leading picture, the beautiful statue and surroundings of Washington in the Grand avenue park at Milwaukee. This picture with its spirit of emulation represented by the mother and her boy as she directs his attention to Washington as his pattern, certainly seemed to strike a chord of admiration.

In one place where efforts are made to have the children interested in gardening the report comes—"the children want flower seeds, and the flower beds wherever started set an example. The demand comes for geraniums, coleus, dahlias and roses." The newspapers of the country are paying more and more heed to this flower garden-

*Report New York State Entomologist, 26, page 35, 1910.



FLORAL BASEBALL EMBLEMS.
Designed by H. H. Wiggins, Lawrenceville, Pa.



BEDDING IN INDIANAPOLIS PARKS, 1914.

ing, and small yards of the cities show the effect.

Schools can never take the place of parental oversight and encouragement. In one dark back yard overshadowed by other buildings two boys came to invite us "to come see our garden." Sure enough those youngsters dug up a bit of waste ground, planted it, weeded and watered the 10 or 12 feet square which look like an irrigated patch near Denver, Colo., so prolific it was, and those lads were pleased. This kind of work aids to develop American citizens of character. In many villages and small towns improvement societies exist, and these societies are usually excellent supporters of the florist's craft directly and indirectly. By small prizes well distributed it encourages the children to keep up the home yards.

In California this year, Superintendent of Schools Thomas L. Heaton of San Francisco has been busy in his efforts for a school garden exhibit at the exposition. In San Diego and Los Angeles these cities of the Pacific coast stand out boldly in the common efforts of the school authorities to fix up and look nice, and to encourage the children gardening at home. This year in Los Angeles (the "City of the Angels") we learn in a letter recently received from Morris M. Rathbun that cash prizes ranging from five dollars (\$5.00) to the individual student home gardener to five hundred dollars (\$500.00) for the school making the best showing in the exposition year in 1915 were distributed. This work cleaned up in many places neglected lots, turning waste places into beauty spots. Los Angeles to do this work well employed an expert teacher florist, and this work and its effects is seen in many of the cities and towns of the Pacific coast. At Portland, Ore., work of this kind is being carried on under the direction of a landscape ar-

tist from Chicago, who is especially employed to give instruction in this line.

In every state in the American Union this good work is being carried on. School gardening has its greatest application in our great cities. School gardening aims to take hold and interest the city boys. At a flower show held in New York in the Museum of Natural History, the school children came in classes to view the exhibits. They were children born in congested sections of New York and some of them never had been in the country, and the wonder at seeing so many flowers was expressed without reserve.

In the city of Philadelphia the school garden work is well organized, and the back yards of the thousands of little houses reveal a taste and industry of great importance to any one. No one city probably is doing more by organized effort to make up home and public gardening instruction than is Toronto, Ontario. Here is a climate the opposite in its make-up to that of southern California, yet the same appreciation of the beautiful and the value of economic thrift is evidenced in both sections. Down the Ohio river, city after city, its entire length, this school gardening and home gardening is being carried on. Evansville, Ind., the home of our old friend and pioneer member of the society, J. D. Carmody, has encouraged this sort of work and lately given valuable land for garden and park use. This illustration serves simply to show the interest in this great work. It is one that grows, and no craft can do more to encourage it and profit by it than the florists of America, and in so doing the homes of the people of America are made the more beautiful.

BENJAMIN HAMMOND, Chairman,
MICHAEL BARKER,
IRWIN BERTERMANN,
GUST X. AMRYHN,
LEONARD BARRON.

President's Reception.

The reception to President Welch at the St. Francis hotel on the evening of the opening day was a brilliant affair, the hall being handsomely decorated for the occasion. The function was of a strictly informal nature and was largely attended by the delegates and their ladies. Excellent music added to the pleasure of the evening, refreshments were served and dancing was indulged in until a late hour.

Wednesday's Proceedings.

At the morning session of the second day's proceedings, the result of the 1916 convention city was announced as follows: Houston, 105; New York, 28; New Orleans, 12.

Resolutions of sympathy with Edwin Lonsdale in his illness at Los Angeles and Wallace R. Pierson, who had to undergo a serious operation soon after his arrival at San Francisco, were adopted. Mr. Pierson's illness continued all the way from Chicago, appendicitis developing on his arrival in the convention city. A telegram from J. C. Vaughan, Chicago, congratulating the society on its thirty-first annual convention in San Francisco was read and received with applause. Addresses were made by Wm. F. Kasting and Irwin Bertermann.

Chairman George Asmus of the national flower show committee presented the report of that body. The report of the committee on president's address was also presented, all of the recommendations of the latter being adopted.

National Flower Show Committee Report.

Since making my last report to the convention in Boston a year ago, matters pertaining to the show in Philadelphia next spring have progressed rapidly and favorably. At a meeting held in Philadelphia last November, the general local organization work was drafted and chairman of commit-

tees carefully selected. They are as follows:

Committee on press, publicity and advertising, W. F. Therkildson.

Committee on securing exhibits, William Kleinheinz.

Committee on decorations, John Harbermehl.

Committee on special premiums, Wm. F. Craig.

Committee on special features, Chas. Grakelow.

Committee on lease and contracts, A. Farenwald.

Committee on music, Leo Niessen.

Committee on printing, S. S. Pennock.

Committee on concessions, Henry F. Michell.

Committee on trade tickets, E. J. Fancourt.

Committee on lectures, J. Otto Thilow.

Bureau of information, Frederick Cowperthwaite.

Secretary and treasurer, A. A. Nlesen.

Committee-at-large, George Burton, Louis Burk, Robert Craig.

These gentlemen were appointed from among the craft in Philadelphia with others to serve on these committees. The chairmen of these committees form what is known as a local executive committee to carry out in detail the work of the show. Such committees have met from time to time, about once a month, and are enthusiastic about the coming exhibition. Through the generosity of the H. F. Michell Co., Inc., and H. A. Dreer, Inc., the grass plots in front of the big Convention hall, where the show is to be held, have been beautifully planted and serve as a beautiful advance guard of what will happen in the near future in the building. There recently appeared in the Philadelphia Record about a half page, showing the building, in front and grounds, as treated by the above mentioned firms. This shows the good work that is being done by the publicity bureau of which W. F. Therkildson is the head.

I also wish to mention the good work of Adolph Farenwald and the committee on lease and contracts. By their earnest efforts the rental for this mammoth building has been secured at the low rate of \$100 per day. We have been able to secure the co-operation of the American Carnation Society. This being the twenty-fifth anniversary of the organization of that society, the celebration of same will be characterized by a silver jubilee to be held at Philadelphia in connection with the show. Their premium list has been prepared by them and, underwritten by the society, will be published in the next edition of the "Premium List" which will be sent out some time this fall. By this time the American Rose Society will have their list completed, and same will also be a part of the next schedule.

The plant growers, of whom there are so many in the vicinity of Philadelphia, are already making preparations. The Pennsylvania Horticultural Society have also joined hands and have appointed a committee of three to work in conjunction and act as part of the local executive committee. The guarantee fund of \$10,000 has been completed and contains the usual country-wide list of guarantors. William P. Craig, chairman of committee on special premiums, reports a very large list of donors and expects to more than double what he now has in the near future. The to-

tal premium list, as offered, is \$15,000, the largest sum ever offered in this country before at a flower show.

The size of the building, which will enable the show to be arranged on one floor, should work out very favorably, and then the large balcony with its great seating capacity will prove to be a part of the show that will appeal to the public as it seems to delight the patrons to sit among the flowers and listen to the music.

I will conclude my report by saying that in my estimation the coming exhibition in Philadelphia will, from all standpoints, surpass all previous national flower shows and I have no doubts about the financial success. The annual convention of the S. A. F. not being held in the East this year will no doubt help to sell space at the national flower show as the records of previous exhibitions show that the attendance by the trade at the past exhibitions has been greater than at the convention, and it is at a season of the year when the buyer is usually in the market for his spring or Easter business.

GEORGE ASMUS, Chairman,
W. N. RUDD,
THOMAS ROLAND,
CHAS. H. TOTTY,
ADOLPH FARENWALD,
WM. P. CRAIG.

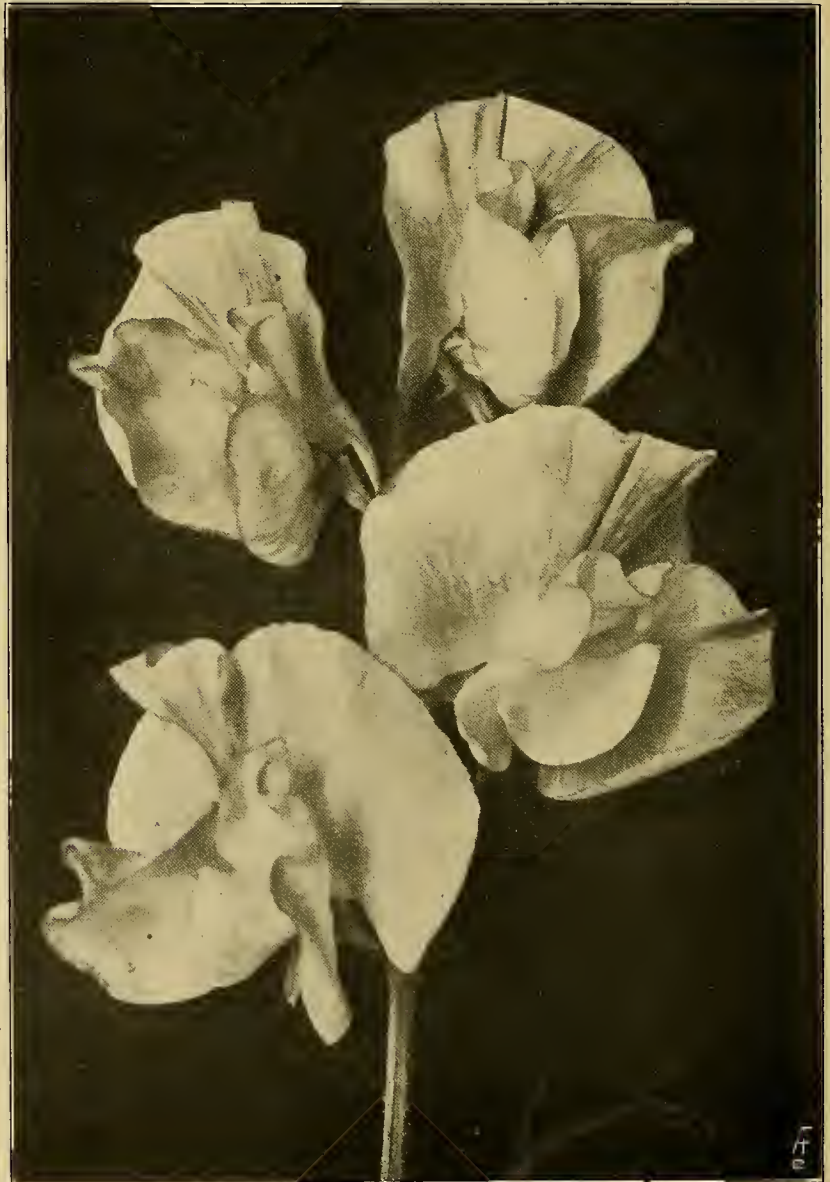
Nomination of Officers.

Nominations for officers were made at the morning session, Wednesday, August 18, and resulted in the naming of Daniel MacRorie, San Francisco, for president; Robert C. Kerr, Houston, Tex., for vice-president; John Young, New York, and John R. Fotheringham, San Francisco, for secretary, and Wm. F. Kasting, Buffalo, N. Y., for treasurer.

National Publicity Committee Report.

National publicity is a much talked of problem hard to solve, yet with wonderful possibilities and a great future, particularly in the field of the florists' profession. As a sequence to the talk of Philip Breitmeyer during the board of directors' meeting at Chicago, March 2, our president appointed the following gentlemen, George Burton, Irwin Bertermann and W. F. Kasting as a committee to deal with the problem. Little has been done further than making the following report which we trust may have a stimulating effect in an undertaking the national society stands much in need of.

Large appropriations for the furtherance of publicity throughout the land



FORDHOOK PINK—A WINTER FLOWERING SPENCER SWEET PEA.

are impractical from a financial standpoint, and unless carefully safeguarded and given detail attention, there is much liability that a large percentage of the same be wasted. Advertising experts of the larger cities have in several instances made suggestions to prominent members of the S. A. F. in regard to national publicity. In the main, their ideas were practical and would no doubt bring results, but it was also very evident that the cost of the same was at no time in accord with the measure of direct returns receivable by the florist fraternity. In fact, one prominent expert had it that \$25,000 would be a very reasonable sum with which to start in the city of New York. This, of course, sounds well and no doubt would be of immense value, but at the same time it would be impossible to carry such a project forward through the country.

One of the self-evident features that has brought itself clearly to the front in the past few years is the following: That the great national flower shows given in larger centers, the extensive advertising campaigns of the larger individual firms of the country and the national publicity campaign of the Florists' Telegraph Delivery show that there is a great wealth of strength in the S. A. F. and O. H. itself, and that we have a strong advertising feature to stand on within our organization. There are approximately 2,000 of the better florists throughout the country closely united, willing and only waiting the proper call to send forth the proper issues before the public. It is true that one florist hasn't the strength in the smallest fraction of a large newspaper, but one individual florist has within himself the power to carry forward a campaign which will interest thousands of people. The florists of a large city like Chicago alone, if properly united on a single subject, can place the same before its immense population. This is shown in the newspaper features of united florist advertising in Detroit, Cleveland and Philadelphia newspapers.

It is the firm belief of this committee that if any special line of advertising be taken up and set before the members of this organization in the proper manner that the advertising will be carried throughout the breadth of the country and the expense from the parent source be entirely within the reasonable bounds to be expected. A few hundred dollars expended by this organization, or obtained collectively from individuals, in properly placing an outline before its members and in aiding them to carry it out will within a reasonable time make its appearance as a national message to the flower buying public. This has been clearly demonstrated through the efforts of the Florists' Telegraph Delivery. Each individual member using feature advertising on his letter heads, on a majority of one million folders or in his advertising space in newspapers and periodicals. This same plan can easily be carried forward as there is not a member of you who is not willing to aid the parent association and himself in such a manner. The sum of money expended at the start, whether it be \$1,000 or \$5,000, will easily return to the source in the way of strength and influence or in membership itself, for every one connected will be pleased with the results and satisfied with the good accomplished.

We say confidentially that if the Society of American Florists wants its



SWEET PEA YARROWA—THE AUSTRALIAN WONDER.

members to sell a particular flower next Christmas, or if it wants a certain line featured, or if it has any publicity of any special nature in mind, that it can safely do so through its membership and at a cost that is less than one-twentieth of what would be charged by any professionals who are interested in doing the work without the aid of 2,000 florists themselves. It did not take long for Madame Russell rose to be known generally. Why? Because thousands of florists boosted it. Neither would it take long for any worthy publicity to reach the public if handled along the same lines.

The coming great Philadelphia show will in itself add a stimulus to the local flower business and with an advertising secretary of the S. A. F. acting with its members themselves, publicity space could be procured for a few dollars that could not be had for a larger sum in a direct manner. Many new, also immensely worthy, exhibits will be shown there and great good will come to this organization and financial benefit to the trade if this be used as a small instance, by every florist in his dealing with the public.

IRWIN BERTERMANN,
GEORGE BURTON,
WM. F. KASTING.

Election of Officers.

The election of officers was held Thursday morning and resulted in the selection of Daniel MacRorie as president and R. C. Kerr as vice-president. John Young was re-elected secretary, J. R. Fotheringham withdrawing in his favor, and Wm. F. Kasting was re-elected treasurer.

Florists' Hail Association.

At the annual meeting of the Florists' Hail Association of America, held Thursday morning, August 19, the reports of the officers showed the affairs of the association to be in excellent shape, with membership numbering over 1,600. The present officers were re-elected and C. L. Washburn, Fred Burki and Chas. Mueller were elected to the board of directors.

Florists' Telegraph Delivery Association.

The Florists' Telegraph Delivery Association held its annual meeting, Wednesday morning, August 18, Vice-President Wm. F. Gude presiding in the absence of President Bertermann, and the report of Secretary Pochelon was read by Douglas A. Brown, secretary

pro tem. The present officers were all re-elected to serve for the ensuing year, and F. D. Pelicano, San Francisco, A. Lange, Chicago, and Frank Stuppy, St. Joseph, Mo., were chosen to succeed the retiring members of the executive committee.

The Trade Exhibition.

The trade exhibition was small in comparison with previous years, the war in Europe affecting the production and importation of novelties, and distance and cost of transportation to San Francisco, proving factors that tended to cut down the number of exhibits. The displays were, however, most creditable and interest in them was not lacking.

Mrs. Francis J. Ready, San Jose, Calif., dahlias.

Henry Kessel, San Francisco, Calif., Adiantum California.

Superior Nursery Co., Los Angeles, Calif., nephrolepis.

Swiss Floral Co., Portland, Ore., petunias.

Herbert & Fleishauer, McMinnville, Ore., asters.

The Advance Co., Richmond, Ind., ventilating apparatus.

John A. Evans Co., Richmond, Ind., ventilating apparatus.

H. Bayersdorfer & Co., Philadelphia, Pa., florists' supplies.

M. Rice & Co., Philadelphia, Pa., florists' supplies.

J. A. Peterson & Sons, Cincinnati, O., plants.

A. L. Randall & Co., Chicago, florists' supplies.

MacRorie-McLaren Co., San Francisco, Calif., plants.

Pennock, Meehan Co., Philadelphia, Pa., florists' ribbons.

John R. Fotheringham, San Francisco, Calif., bulbs, plants and supplies.

H. Plath, San Francisco, Calif., plants.

Richard Diener, Colma, Calif., gladiolus seedlings.

Chicago to San Francisco.

The convention party leaving Chicago on the Northwestern Railway August 12 at 10 p. m., numbered thirty-three persons as follows:

T. McAllister, R. Schiele, W. J. O'Carroll, E. Reichling, A. Weber, M. Barker, Miss Martha C. Gunterberg, Chicago; L. N. Kresken, Miss A. H. Kresken, J. A. Peterson and wife, Cincinnati, O.; F. A. Windler, John Carter, St. Louis, Mo.; Theo. Diedrich, Congress Heights, D. C.; R. Vincent, Jr., and wife, White Marsh, Md.; W. J. Keimel and wife, Elmhurst; H. W. Reiman, John Hartje, Indianapolis, Ind.; Benj. Hammond, Beacon, N. Y.; Robert Pyle, West Grove, Pa.; Wm. Sievers and wife, Buffalo, N. Y.; F. L. Morris, Bloomington, Ind.; W. A. Kennedy and wife, Milwaukee, Wis.; Wm. F. Gude and wife, Misses Amelia and Louise Gude, Christian Schellhorn and wife, Washington, D. C.

On reaching Council Bluffs, Ia., the party stopped off four hours, and on arrival were taken in autos to the home establishment of J. F. Wilcox & Sons, Inc., thence to the club house of the Council Bluffs Rowing Association at Lake Manawa, where a delicious lunch was served, the tables handsomely decorated with flowers from the local establishment. Attractive Wilcox badges were here distributed to the guests, and Louis Henderson and Geo. Swoboda delivered keys, giving entrance to the city of Omaha.

After lunch the visitors were taken to the hail-stricken Wilcox range, where many men were at work on the roofs of the houses, burning the old putty off the rafters. The Herman plant was next visited and the party proceeded to Omaha, calling at Hess & Swoboda's and Louis Henderson's, where refreshments were served. Here Mrs. W. D. Desmond, of Minneapolis, Minn., and W. B. Perry, of Cresco, Ia., joined the travelers, who returned to their train, cordially thanking the various members of the trade who made this break in the journey so pleasant. The visitors were received by the Wilcox and Herman brothers, Lewis Henderson, Geo. Swoboda, Michael Stauch, L. Rogers, Geo. Sorenson, H. Boss, A. Lange, Chicago, and others.

Arriving at Denver Saturday morning, with only two hours stopover, the party was greeted by J. A. Valentine, of the Park Floral Co., and other leading representatives of the trade. Autos were in waiting and the visitors were driven without delay to the Hotel Metropole, where breakfast was ready, a delicious meal served in fine order to

the belated and hurrying conventionites. The tables were well decorated with flowers, among which were some specially good gladioli. R. Vincent, Jr., and wife visited the establishment of the well known dahlia specialist, W. W. Wilmore, and the other visitors were taken around the city in automobiles.

On arrival at the Hotel Metropole, Mr. Valentine briefly welcomed the visitors, saying the Denver trade was greatly pleased with this opportunity to show some appreciation of the numerous courtesies of fellow-craftsmen eastward. Wm. F. Gude responded for the guests of the day.

Among Mr. Valentine's assistants in the entertainment of the visitors were Frederic W. Taylor, Gus Benson, Ben Boldt, S. A. Lundy, Geo. Cooper, Al Mauff, Chas. Benson, E. S. Kenny, Henry Weiland, O. Herman, H. Meyer, T. Capel, W. W. Wilmore, J. E. Glauber, J. E. E. Minton, Fred Hall and Fred Maler.

San Francisco the next stop; everyone pleased with trip.



FORDHOOK ROSE—A WINTER FLOWERING SPENCER SWEET PEA.



GLADIOLUS SOCIETY OF OHIO THIRD ANNUAL SHOW, CLEVELAND, AUGUST 13-14, 1915.
General View of the Exhibition.

Financial Report.

FOR YEAR ENDING DECEMBER 31, 1914.

Jan. 1914.		
1 Balance in Permanent Fund	\$15,704.03	
Receipts to January 1, 1915	2,111.16	
Balance in Permanent Fund, January 1, 1915	\$17,815.19	
Balance in General Fund	\$13,386.74	
Receipts to January 1, 1915	10,320.09	
	\$23,706.83	
Disbursements	9,330.35	
Balance in General Fund, January 1, 1915	\$14,376.48	
Balance in Special Fund	\$1,527.80	
Interests	62.02	
Balance in Special Fund, January 1, 1915	\$1,589.82	
Total Balance, January 1, 1915	\$33,781.49	
Invested as Follows:		
(Permanent Fund)		
Dunkelberg Bond & Mortgage, Fort Wayne, Ind.	\$ 5,000.00	
City & Suburban Realty Co., Fort Wayne, Ind.	1,500.00	
Germania Savings Bank, Pittsburgh, Pa.	726.00	
Peoples Bank, Buffalo, N. Y.	6,435.31	
American Savings Bank, Buffalo, N. Y.	3,918.97	
	\$17,580.28	
(General Fund)		
American Savings Bank, Buffalo, N. Y.	\$ 4,996.83	
German-American Bank, Buffalo, N. Y.	3,436.48	
Peoples Bank, Savings Account, Buffalo, N. Y.	3,205.66	
Peoples Bank, Checking Account, Buffalo, N. Y.	2,989.27	
	\$14,628.24	
(Special Fund)		
Manufacturers & Traders National Bank, Buffalo, N. Y.	\$1,589.82	
	\$33,798.34	
Less Checks Out	16.85	
Bond and Mortgage at 5% interest	\$33,781.49	
Pittsburgh & Buffalo Savings Banks, 4% interest.		

Peoples Bank, on Savings Account, 4% interest.	
Peoples Bank, on Checking Account, 3% interest on Quarterly Balances.	
Receipts Itemized.	
Permanent Fund:	
Balance on hand, January 1, 1914	\$15,704.03
1914.	
Feb. 1 John Young	\$150.00
Mch. 3 John Young	150.00
Apr. 6 John Young	450.00
27 John Young	25.00
29 (Paid off on Mortgage \$1,000.00)	
29 Tri-State Loan & Trust Co.	12.22
June 8 Tri-State Loan & Trust Co.	37.50
11 Tri-State Loan & Trust Co.	125.00
July 1 Interests:	
American Savings Bank, P. F.	\$75.32
Peoples Bank, P. F.	56.88
Germania Bank, P. F.	13.94
American Savings Bank, G. F.	96.04
German-American Bank, G. F.	66.37
Peoples Bank, Savings Account, G. F.	62.74
Peoples Bank, Ck. Account, G. F.	10.97
	\$382.26
July 28 John Young	100.00
Oct. 5 John Young	225.00
Nov. 30 Tri-State Loan & Trust Co.	37.50
Dec. 31 Interests:	
Peoples Bank, Sav. Account	\$57.24
Peoples Bank, Ck. Account	12.01
Amer. Sav. Bank, G. F.	97.96
Ger. Amer. Bank, G. F.	67.70
Peoples Bank, P. F.	90.71
American Bank, P. F.	76.84
Germania Bank, P. F.	14.22
	\$410.68
Total Receipts, Permanent Fund	\$ 2,111.16
Balance Permanent Fund, January 1, 1915	\$17,815.19
General Fund:	
Feb. 4 John Young	\$ 800.00
March John Young	600.00
April John Young	450.00

May John Young	550.00
July John Young	800.00
August John Young	2,750.00
September John Young	400.00
Oct. 20 Thomas Roland	1,587.50
Oct. 30 John Young	200.00
November John Young	300.00
December John Young	1,882.50
General Fund Total Receipts for 1914	\$10,320.09
Special Fund:	
Balance January 1, 1914	\$ 1,527.80
Interests	62.02
	\$ 1,589.82
Disbursements:	
American Surety Co., Premium on Bond	\$ 12.50
Theo. Wirth, Incidentals	33.18
De Felice Studio, Engraving	7.30
John Young, Mileage	37.33
C. H. Totty, Mileage	37.33
George Asmus, Mileage	19.50
Wm. F. Kasting, Mileage	12.50
Wm. F. Kasting Company, Postage	5.20
W. N. Rudd, Mileage	19.10
F. Young, Engraving	1.44
A. Farenwald, Engraving	35.33
De La Mare Printing Co., Printing	406.80
Theo. Wirth, Translating Bulletin	25.00
J. R. von Bochove, Assessment Paid in Error	3.00
Wm. J. Gunnell, Auditing Books	40.00
De Felice Studio, Engraving	5.50
Theo. Wirth, Mileage	76.30
Wm. F. Kasting, Mileage	27.20
J. J. Hess, Mileage	80.00
City of Boston, Deposit	1,500.00
A. T. De La Mare, Stamps, Envelopes, etc.	719.58
Edward F. Walsh, Premium on Bond	50.00
Max Goldberg, Frames	5.20
Massachusetts Charitable Association	260.00
Patrick Welch, Stenographer's Services	22.50
Charles Totty, Mileage	13.50
August Poehmann, Mileage	55.00
John A. Evans, Mileage	41.50
Western Bank Note Co., Life Member	45.00
A. T. De La Mare Printing Company	28.67
J. A. Peterson, Mileage	46.60
William F. Gude, Mileage	26.55
John A. Evans, Mileage	13.00
George Asmus, Mileage	65.26
John Young, Salary, etc.	686.14
John Young, Salary, etc.	18.27
Theo. Wirth, Stamps	10.00
The Robbins Company, Buttons	100.00

Wm. F. Kasting, Mileage.....	30.00
Max Goldberg, Framing.....	2.00
Theo. Wirth, Mileage.....	24.60
George Asmus, Stenographer's Service	2.80
Elander-Winkler, Letters.....	3.25
Benjamin Hammond, School Gardens...	64.70
The Robbins Company, Buttons.....	82.25
A. Langstader, Bladders.....	6.75
W. P. Knobbe, Stamps, etc.....	11.46
W. F. Kasting, Salary.....	100.00
John Young, Salary.....	166.66
De Felice Studio, Engrossing.....	1.50
Mass. Charitable Association, Balance	
Rent.....	1,040.00
C. E. Critchell, Mileage.....	63.00
J. A. Peterson, Printing, etc.....	13.00
A. T. De LaMare, Printing Company.....	142.85
Mass. Charitable Association, Lights,	
etc.....	36.30
John Breitmeyer & Son, Floral Design	
Alf. J. Loveless, Expenses as Vice-	
President.....	4.10
Douglas A. Brown, Rep. Convention....	140.00
J. S. Stuart, Expenses as Vice-Pres-	
ident.....	17.85
F. H. Holton, Expenses as Vice-Pres-	
ident.....	24.52
The Robbins Company, Extra Buttons.	
Patrick Welch, Frt., etc.....	31.50
De La Mare Printing Company.....	15.08
R. J. Wandler, Expenses as Vice-Pres-	
ident.....	80.71
De Felice Studio, Engrossing.....	25.00
S. A. Anderson, Expenses as Vice-	
ident.....	2.25
C. A. Bloomquist, Services as Head	
Gardener.....	25.00
George Cruickshank, Services as Serg-	
at-Arms.....	187.50
De La Mare Printing Company.....	25.00
De Felice Studio, Framing, etc.....	33.75
F. Young, Engraving.....	31.50
Max Goldberg, Framing.....	17.40
F. Young, Engraving.....	4.18
John Young, Expenses.....	3.00
W. F. Kasting, Mileage.....	3.20
American Surety Company, Premium	
on Bond.....	522.83
George Asmus, Mileage.....	23.50
John Young, Expenses, etc.....	12.50
Wm. F. Kasting, Salary and Postage....	54.44
John Young, Salary, etc.....	950.00
Theo. Wirth, Expenses President's Of-	
fice.....	105.20
J. F. Huss, Expenses, Vice-President.	
De La Mare Printing Company.....	603.39
	3.75
	13.10
	7.00

Total Disbursements for 1914.....\$ 9,330.35

Trade Visitors.

The following registered during the opening days of the convention:

- A. J. Alb, Salt Lake City, Utah.
- William Allen, New Orleans, La.
- Albert P. Amling, Maywood.
- E. A. Asmus, Chicago.
- George Asmus, Chicago.
- Fritz Bahr, Highland Park.
- Michael Barker, Chicago.
- Sydney H. Bayersdorfer, Philadelphia, Pa.
- Prof. A. C. Beal, Ithaca, N. Y.
- John Bell, Franklin, Pa.
- John Berry, Denver, Colo.
- Oscar Boehler, West Hoboken, N. J.
- Fred Boock, New Ulm, Minn.
- D. A. Brown, Cincinnati, O.
- Wm. Brown, San Mateo, Calif.
- Albert J. Burt, Spokane, Wash.
- J. W. Carbone, Berkeley, Calif.
- E. Carlson, Oakland, Calif.
- John Carter, St. Louis, Mo.
- Slaney Clark, Mayfield, Calif.
- A. J. Clark, Portland, Ore.
- Frank S. Clarke, Grand, Calif.
- W. W. Coles, Kokomo, Ind.
- Walter Coles, Jr., Kokomo, Ind.
- Walter E. Cook, New York.
- E. H. Cushman, Auto de Cadillac, Calif.
- O. W. Cutler, Niagara Falls, N. Y.
- A. K. Damith, Oakland, Calif.
- J. W. Davis, Davenport, Ia.
- A. T. De La Mare, New York.
- Theo. Diedrich, Congress Heights, D. C.
- J. Dieterich, Los Angeles, Calif.
- N. Dieterich, Los Angeles, Calif.
- Richard Diener, Colma, Calif.
- M. Demoto, Oakland, Calif.
- Ed. Eaden, Chicago.
- M. H. Ebel, Sacramento, Calif.
- Chas. Ehrlich, Menlo Park, Calif.
- John G. Esler, Saddle River, N. J.
- John A. Evans, Richmond, Ind.
- E. J. Fancourt, Philadelphia, Pa.
- Thomas Fenton, San Rafael, Calif.
- Conrad Frauenfelder, Chicago.
- Henry C. Geiger, Philadelphia, Pa.
- John Gill, Berkeley, Calif.
- V. G. Gorly, St. Louis, Mo.
- Thos. Gray, Boston, Mass.
- Fred Grohe, Santa Rosa, Calif.
- Adolph Gude, Washington, D. C.
- Wm. F. Gude, Washington, D. C.
- Charles F. Guthing, Los Angeles, Calif.
- Alfred Haltes, Chaney, Ithaca, N. Y.
- Benjamin Hammond, Beacon, N. Y.
- James G. Hancock, Chicago.
- John Hartje, Indianapolis, Ind.
- H. Hayashi, Oakland, Calif.
- A. G. Hecht, Urbana.
- Wm. Hertrich, Los Angeles, Calif.
- J. J. Hess, Omaha, Neb.
- E. G. Hill, Richmond, Ind.
- F. R. Hilla, Los Angeles, Calif.

- D. C. Horgan, Macon, Ga.
- F. P. Hosp, Riverside, Calif.
- Fred Howard, Los Angeles, Calif.
- Fred H. Howard, Los Angeles, Calif.
- Harry L. Hunt, Concordia, Kans.
- H. A. Hyde, Watsonville, Calif.
- E. James, Oakland, Calif.
- H. F. Janssen, Springfield.
- R. E. Jones, Richmond, Ind.
- A. Kakuda, New York.
- J. J. Karins, Philadelphia, Pa.
- Wm. F. Kasting, Buffalo, N. Y.
- Wm. F. Kasting, Jr., Buffalo, N. Y.
- W. J. Keimel, Elmhurst.
- H. Kempf, Colma, Calif.
- W. A. Kennedy, Milwaukee, Wla.
- Wm. Kettlewell, San Mateo, Calif.
- I. V. Kinder, Charlerol, Pa.
- W. E. Kneeg, Santa Cruz, Calif.
- C. B. Knickman, New York.
- L. N. Kresken, Cincinnati, O.
- W. A. Kristman, Menlo Park, Calif.
- Henry W. Kruckeberg, Los Angeles, Calif.
- August Lange, Chicago.
- Homer Lange, Chicago.
- J. A. Lind, Turlock, Calif.
- Wm. Loew, Pittsburg, Pa.
- Richard Lohmann, San Rafael, Calif.
- Tom McAllister, Chicago.
- Frank McCabe, Chicago.
- Robert McCartney, Cambridge, O.
- H. MacLean, Monterey, Calif.
- Wm. H. Mansfield, Lockport, N. Y.
- W. Martin, Portland, Ore.
- J. D. Meriwether, Los Angeles, Calif.
- F. H. Miller, Toronto, Ont.
- F. T. Mische, Portland, Ore.
- J. G. Morely, San Diego, Calif.
- F. L. Morris, Bloomington, Ind.
- Jas. P. Mueller, Wichita, Kans.
- F. L. Mulford, Washington, D. C.
- Arno H. Neuhring, Amherst, Mass.
- Robert Newcomb, Chicago.
- George Nunn, Menlo Park, Calif.
- W. J. O'Carroll, Chicago.
- George F. Otto, San Diego, Calif.
- J. P. Parker, Santa Cruz, Calif.
- W. B. Perry, Cresco, Ia.
- J. A. Peterson, Cincinnati, O.
- N. Peterson, San Mateo, Calif.
- J. B. Pilkington, Portland, Ore.
- I. L. Pillsbury, Galesburg.
- M. A. Poss, San Mateo, Calif.
- A. Prodie, Chicago.
- Robert Pyle, West Grove, Pa.
- George W. Quth, Cleveland, O.
- D. Raymond, Oakland, Calif.
- John Reardon, Ames, Ia.
- John J. Reeves, Los Angeles, Calif.
- Emil Relchling, Chicago.
- W. A. Relman, Vincennes, Ind.
- Wm. S. Rennie, Ross, Calif.
- Carl F. Reut, Salem, Ore.
- Martin Renkauf, Philadelphia, Pa.
- John Rieman, Indianapolis, Ind.
- Sam Roake, Clackamas, Ore.
- Geo. C. Roeding, Fresno, Calif.
- C. C. Sanders, St. Louis, Mo.
- C. Schellhorn, Washington, D. C.
- Rudolph Schiele, Chicago.
- J. A. Schilling, San Mateo, Calif.
- Louis R. Scott, Moscow, Idaho.
- Frank Shearer, Los Angeles, Calif.
- Robert Simpson, Clifton, N. J.
- George Spencer, Portland, Ore.
- F. Staples, San Mateo, Calif.
- D. Stathatos, Los Angeles, Calif.
- M. Susko, San Mateo, Calif.
- Anton Then, Chicago.
- Thomas Thompson, Santa Cruz, Calif.
- P. J. Thorsted, Jr., Oakland, Calif.
- F. J. Turner, New York.
- Henry W. Turner, Los Angeles, Calif.

- John Vallance, Oakland, Calif.
 - R. Vincent, Jr., White Marsh, Md.
 - George C. Wagner, Chicago.
 - Chas. W. Ward, Eureka, Calif.
 - Art Weatherwax, Chicago.
 - Arthur Weber, Chicago.
 - George Webster, San Mateo, Calif.
 - Patrick Welch, Boston, Mass.
 - Ansel H. Whitcomb, Lawrence, Kans.
 - Frank J. Wandler, St. Louis, Mo.
 - Theodore Wirth, Minneapolis, Minn.
 - Fred C. Withuhn, Cleveland, O.
 - John Young, New York.
 - J. R. Young, New York.
 - A. Zintman, Philadelphia, Pa.
 - Anton C. Zvolanek, Lompoc, Calif.
 - Nic Zweifel, North Milwaukee, Wls.
- Ladies.
- Mrs. A. F. Amling, Maywood.
 - Mrs. George Asmus, Chicago.
 - Mrs. Fritz Bahr, Highland Park.
 - Mrs. A. C. Beal, Ithaca, N. Y.
 - Miss' Beal, Ithaca, N. Y.
 - Mrs. John Bell, Franklin, Pa.
 - Miss Margaret Burke, St. Louis, Mo.
 - Miss Chaxton, Boston, Mass.
 - Miss Rnsamond Coles, Kokomo, Ind.
 - Mrs. W. W. Coles, Kokomo, Ind.
 - Mrs. J. W. Davis, Davenport, Ia.
 - Mrs. W. D. Desmond, Minneapolis, Minn.
 - Miss Lolo Esler, Saddle River, N. J.
 - Mrs. Conrad Frauenfelder, Chicago.
 - Miss Hazel Frauenfelder, Chicago.
 - Mrs. H. Geisberger, Chicago.
 - Mrs. J. Gill, Berkeley, Calif.
 - Mrs. Thos. Grey, Boston, Mass.
 - Miss Amelia Gude, Washington, D. C.
 - Miss Louise Gude, Washington, D. C.
 - Mrs. Wm. F. Gude, Washington, D. C.
 - Miss Martha C. Gunterberg, Chicago.
 - Miss Belle Hancock, Chicago.
 - Miss Frances Hancock, Chicago.
 - Mrs. James G. Hancock, Chicago.
 - Miss Miriam Hancock, Chicago.
 - Mrs. J. J. Hess, Omaha, Neb.
 - Mrs. F. R. Hills, Los Angeles, Calif.
 - Mrs. T. S. Hillyer, Austin, Tex.
 - Miss Tom Hillyer, Austin, Tex.
 - Mrs. D. C. Horgan, Macon, Ga.
 - Miss A. M. Hosp, Bakersfield, Calif.
 - Miss M. R. Hosp, Riverside, Calif.
 - Mrs. F. P. Hosp, Riverside, Calif.
 - Mrs. Fred H. Howard, Los Angeles, Calif.
 - Mrs. Fred Howard, Los Angeles, Calif.
 - Mrs. Harry L. Hunt, Concordia, Kans.
 - Mrs. W. A. Kennedy, Milwaukee, Wla.
 - Miss A. H. Kresken, Cincinnati, O.
 - Mrs. Geo. W. Quth, Cleveland, O.
 - Mrs. August Lange, Chicago.
 - Mrs. L. M. Larshaw, Denver, Colo.
 - Dr. Ada M. Langhlin, Los Angeles, Calif.
 - Miss Marguerite McNulty, Chicago.
 - Mrs. Matilda Meinhart, St. Louis, Mo.
 - Miss Nettie Parker, Joliet.
 - Mrs. J. A. Peterson, Cincinnati, O.
 - Mrs. I. L. Pillsbury, Galesburg.
 - Mrs. A. Prodie, Chicago.
 - Mrs. John J. Reeves, Los Angeles, Calif.
 - Mrs. Martin Renkauf, Philadelphia, Pa.
 - Mrs. C. Schellhorn, Washington, D. C.
 - Mrs. Louis R. Scott, Moscow, Idaho.
 - Miss Lillian Simpson, Clifton, N. J.
 - Mrs. Robert Simpson, Clifton, N. J.
 - Mrs. Anton Then, Chicago.
 - Mrs. John Vallance, Oakland, Calif.
 - Mrs. R. Vincent, Jr., White Marsh, Md.
 - Mrs. C. Wagner, Chicago.
 - Mrs. Geo. C. Wagner, Chicago.
 - Mrs. Patrick Welch, Boston, Mass.
 - Mrs. F. J. Wandler, St. Louis, Mo.
 - Mrs. A. Zintman, Philadelphia, Pa.
 - Mrs. Nic Zweifel, North Milwaukee, Wis.



ESSEX COUNTY, N. J., FLORISTS' CLUB ANNUAL OUTING.

Left to Right: J. K. Allen, Chas. Schenck, P. J. Smith, A. H. Langjahr, Walter F. Sheridan.

PLANT NOTES.

Peonies.

Now is the the best time to move or divide peony roots. Plants that have been in one location for a number of years will grow too thick, and will not produce either so many or so good flowers as younger plants, although the peony does not produce the best quality flowers the year after transplanting. The ground in which peonies are to be

spring can be more heavily covered and be easily handled after the warmer days of spring arrive. If there is no suitable cellar they can be wintered outside, but it would be better to build a frame around them and cover with shutters, for it is a very disagreeable job shoveling off the snow and frozen covering during the cold winter days. Where they are to remain outside, it is better to plan about how many are to be brought in each week, and place them together

in the charges of these two methods is considerable, adding materially to the cost of the plant shipped by express. A fine assortment of palms is a necessity at this season and should be obtained at once in the saleable sizes as befits the trade. Kentias and arecas from two to four feet high can be bought from \$1 to \$5 each, and are the sizes most in demand. Phoenix Roebelenii is a very decorative palm, and in the smaller sizes finds a good sale, but the larger sizes are still quite expensive, and can be handled only by high class trade. Ferns of the nephrolepis family and dracaenas will be in demand, in fact, a full line of good decorative stock is a necessity at this time in any up-to-date establishment having a retail trade. The stock on hand should now be in active growth and should not receive any check. It is well to be prepared to give these plants a little fire heat as soon as the nights become so cool that the temperature in the houses drops much below 60 degrees.

Winter-Blooming Geraniums.

The late cuttings that were saved for plants for winter blooming should now be thrifty, well-branched plants in three or four-inch pots, and should be shifted to 5-inch pots. If they have been kept disbudded, as soon as they become well established in the 5-inch pots they will come into flower. There will be a demand for these plants as soon as the first frosts kill the outside stock and a few with flowers on them at that time will be wanted. The larger amount of the plants will not be in demand until later, and by that time the pots will be full of roots and a constant blooming plant will be assured. There may be some small, shapely plants in the field that will do for winter blooming; if so they should be lifted and potted, but they will not bloom as well as the pot plants grown for this purpose.

Greenhouse Piping.

ED. AMERICAN FLORIST:

Please advise amount of four-inch pipe to use to heat a house 40x84 feet with hot water. Floor line to ridge 15 feet, floor line to eaves four feet.

Illinois. C. J.
The question does not state the temperature to be maintained, which will make considerable difference in the amount of radiation necessary. If 50 degrees is sufficient, and provided there is no glass in the side walls, twelve 4-inch pipes will suffice. Of these one-half may be flows, or it will answer if four flows and eight returns are used. For a temperature of 60 degrees, sixteen pipes should be used, of which from five to eight should be flows.

Instead of using 4-inch pipe, we would prefer to put in four 2½-inch and one 2-inch flow pipe and thirteen or fourteen 2-inch returns, the exact number of returns varying with the amount of exposure of the house. Place the 2-inch flow about four feet below the ridge, and the others on the plates and about half way down the sash bars on each side of the ridge, supported either by purlins or purlin posts. Attach a coil of three 2-inch returns to each 2½-inch flow pipe and connect the others with the 2-inch flow. For 60 degrees use five 2½-inch flows and twenty 2-inch returns, locating the flows as suggested above, and connecting each of them with four 2-inch returns.
L. R. T.



ESSEX COUNTY, N. J., FLORISTS' CLUB ANNUAL OUTING.

A Jolly Group.

planted should be well enriched and deeply spaded in preparing it for the young plants. In digging the plants, dig all around the plants and then carefully insert the spade underneath and lift the plant, taking pains that the large roots are not broken, for these pieces of root if left in the soil sometimes start new growths and if other varieties are later planted in the ground, cause a mixture. The roots can be cut up into quite small pieces, but it is better to leave three strong eyes to each piece and not divide into too small plants. Set the plant good and deep and firm and if the ground is dry, give it a good watering.

Tulips and Narcissi.

The tulip and narcissus bulbs should be placed in the pans and boxes as soon as possible after their receipt. It does them no good to leave them lying around, and it is far better to get them in the soil as early as possible. Much of the trouble in blooming these bulbs is laid to the tardy treatment of the growers by the bulb merchants of Holland, and in case of failure they are quick to use this as an argument, as the cause. If the bulbs are planted early, they will at once start to make roots and the forcing of them is then a comparatively easy matter. Have the flats all ready, as has been written of Paper White narcissus of convenient size. Any old rose or carnation soil is good enough, but if it binds too closely, mix in a generous quantity of sand. Set the bulbs close together and pack the soil firmly around them. Have a place prepared outside and set the flats on strips of boards and water thoroughly. It is not advisable to depend upon a rain, but unless the fall is exceedingly dry they will not need further watering. Cover the pots and boxes with about three inches of soil, over which throw some old straw or litter to prevent too rapid evaporation. Here they can remain until freezing weather sets in, when if there is a dark, cold cellar, those that are to be forced during the winter can be moved into these quarters, while those that are to be bloomed in the

so that it will not be necessary to open up too many places, but have the different varieties that are to be taken out successively placed after each other and together, and much of the hard, cold work can be dispensed with.

Geraniums.

All the cuttings that can be taken should be secured now, for a frost that will cut everything down may be expected before many weeks in the northern part of the country at least. In making the cutting all the large leaves should be removed, leaving only the smaller leaves and the top. The most economical way to propagate these fall cuttings is to insert the cuttings in 2½-inch pots filled with sifted soil, into which a liberal amount of sand has been mixed. After the cuttings have been placed in the pot, they should be given a good watering and placed on shelves, preferably near the glass, and shaded with papers for a couple of weeks. The papers will prevent too rapid evaporation, and consequently continual watering, as the stem is likely to rot if the cuttings are kept too wet. It is much better not to wet the cuttings, after the first watering, until they show signs of wilting. A sprinkling of the foliage in the morning will carry the plants along for some time before watering the pots will be required. If cuttings enough cannot be secured the plants should be lifted and potted that a good supply of cuttings may be secured early in the winter.

Decorative Plants.

The return of the customers from their country and seaside summer homes will create an immediate demand for palms, ferns and other decorative stock, and the retailer or grower who has not already prepared himself should do so at once. Plants can be purchased at this time and shipped safely, and in order to save expense they should be purchased at once before colder weather sets in, for they can be transported by freight now and after freezing weather it will be necessary that they be forwarded by express and the difference

THE CARNATION.

Planting.

The next four or five weeks are busy days for the carnation grower; it is the time of transferring the plants from the field to the greenhouse benches. Some of the growers who grow large numbers of plants have the majority of their plants already planted, but the planting in general over the different sections of the country is usually done during the four weeks following July 20, and commencing at this time the work should be pushed along as speedily as possible.

In the first place attend to all the necessary requirements of preparing the houses and filling the benches. Give the houses a thorough cleaning out, removing all the old soil and rubbish, wash out the benches, and give the sides and ends of the houses a good cleaning down. Make sure that all boards in the benches are in good enough condition to carry through the season; if any show signs of decay, so that it is doubtful whether they will stand the wear through the season, remove them and replace with some that are stronger. Now is the time, before bringing in the soil, to do this; to have a part of the bench give way after the soil and plants are in means a lot of extra work to fix it up. Before beginning any of the work, put a mud shading on the glass. It makes it comfortable to work while cleaning out, and is also needed for the plants directly after planting until they have fully recovered from the transplanting.

While every effort possible should be given to speedily carry on the work of transferring the plants from the field to the benches, yet at the same time there are many things that have to be done to keep the plants outside in good condition right up to the time the last one is brought into the greenhouse. The plants are growing very rapidly, stretching out their shoots, in a very little while causing the work of topping them back to be a regular job every few days. This applies to whether the plants are intended for own planting or to be sold as field-grown plants, and it is not a square deal to neglect in any manner the plants that are offered for sale; yet, we have seen plants received with most of the shoots stretched out to bud and bloom. Still, pay the same attention to keep the soil open by going over the ground frequently with the hand cultivator while any plants remain on the land.

THE SOIL.

A good live soil is one of the essentials for the successful culture of carnations as well as any other plant, and any study and thought that will work out the improvement of the soil a grower has to use will be repaid many times over during the season. A little thought regarding the soil may improve the keeping qualities of the flowers, put texture into the petalage and substance to the stems, as well as guarding against stem rot. Soils from swampy land should not be used for carnations, unless by adding a portion of clay loam it can be opened up by itself, as it will quickly sour, causing a scum to form on the surface, preventing it from drying out properly. Neither should green cattle manure be

used. The plants may not show any bad effects from its use for quite a while after planting, but before the season has advanced very far the plants will be making a heavy succulent growth at the expense of bloom, and a number of the flowers will have bursted calyxes.

Most growers make soil preparations months or weeks ahead of the time it is needed, and when ready to wheel into the houses, a little mixing is all that is necessary, but still there are a number of growers who turn over a piece of sod land a few weeks previous to the time of filling the houses, adding one part well-rotted manure to three parts of soil. The best way to do the mixing under this method is to shake and break up the sod, then haul it into piles handy for wheeling into the house, making each pile three loads of soil and one load of well-rotted manure, spreading the manure evenly over the soil, mixing it thoroughly together when shoveling it into the wheelbarrow.

The soil that was stacked with layers of manure last fall and turned over early in the spring is in fit condition for putting into the benches, and any mixing it gets through the operation of bringing it in helps it greatly.

FILLING THE BENCHES.

The regulation bench, five inches deep, holds enough depth of soil to serve the carnation plants throughout the season, but not any to spare, and this should be borne in mind at the time of filling the benches. A good body of soil sustains the plants and gives the roots plenty to work on all the time. Fill up the bench even full, but not pressed down, and unless the soil is in a very dry condition it will settle to the right depth. Should the soil be dry it will need a little pressing down, but under no consideration should soil be brought in while saturated with water.

BONEMEAL AND OTHER FERTILIZER.

The composition of the soil determines the value of bone or any other fertilizer, and to the soil taken from a fresh cattle pasture or clover land it may not be as necessary as it is when made up sod from the same land has to be used every second year. The plan regarding the soil and filling the benches that has given us the best results is to spread a thin layer of well-rotted horse and cow manure mixed over the bottom of the bench, then put in the soil, and on the surface of the soil work in a light dressing of fine bone and the same of limestone screenings. The plants do not get any extra feeding till after the cuttings for next year's stock are taken from them, and very little then. The flowers keep well, and so far we have had very little trouble with the calyxes bursting and lose very few plants from stem-rot.

LIFTING THE PLANTS IN THE FIELD.

The one most important thing to bear in mind when lifting the field plants is to save the roots as much as possible. One man should do the digging and another pick up the plants, loosening a little of the soil from the roots, and set them upright in boxes, and another should haul them to the greenhouse without any delay, so that they will not wilt from the sun or wind.

After periods of heavy rains, allow the plants to remain in the field a few days to dry out and harden off, rather

than lift them while saturated with moisture. The plants recover much better when hardened by a dry spell than what they do when continued heavy rains have softened them up.

PLANTING THE PLANTS.

This is one of the particular parts of the work, taking two men to do it properly and speedily; one to do the planting and another to clean and lay out the plants. The planter should be an experienced carnation grower, understanding the reason for not planting deep and why it is better to spread the roots out and not stick them down in a bunch.

Nine by ten inches apart is the usual distance of setting the plants; it may vary a little, according to the width of the bench, to get in another row, but extra close planting is not advisable, neither is a lot of space for each plant necessary. All that is required is space enough to allow the air and light to penetrate freely around the plants. Leave a slight depression around each plant to allow the plant to be watered without wetting the rest of the soil until the roots begin to work out into it. Give the plants light syringings two or three times a day to maintain a moist atmosphere and guard against the plants wilting. It is necessary to keep the mud shade on the glass until the plants commence to take hold of the soil, then it should be gradually removed.

C. W. JOHNSON.

Zinnias for Winter Bloom.

ED. AMERICAN FLORIST:

Please advise the temperature and best method to raise under glass zinnias for January blooming.

J. J. H.

Regarding raising of zinnias under glass for January blooming, would suggest sowing the seed in August and after germinating, potting in two-inch pots and planting in larger pots or in benches the first week in October, keeping the temperature about 50 degrees at night, rising to 60 degrees in the day time, with plenty ventilation and the benches well watered. If zinnias are grown warmer it is quite possible that they would make an abundance of growth without any flower maturing.

W. E. T.

White Crusted Pots.

ED. AMERICAN FLORIST:

Please tell me if the hard white crust on flower pots in constant use is caused by the kind of clay used in making them or is it due to the chemical composition of the soil that I use. What can I use in the water to soften this slime when I wash the pots?

A SUBSCRIBER.

Pot makers claim this crusting may be caused by lime in the clay of which the pots are made or by lime in the soil or water. Most florists remove this crusting by scrubbing the pots with plain water.

CHAMPAIGN, ILL.—About 150 members of the Illinois Horticultural Society attended the third annual summer meeting, held here July 20.

WEBSTER CITY, IA.—The Curtis Floral Co. has leased its greenhouses on Second street to A. E. Flindt, formerly of Boone, but will continue to operate their ranges in Hampton and Algona.

Sweet Pea Show In London.

The British National Sweet Pea Society held its fifteenth annual exhibition in Royal Horticultural hall, Westminster, July 13, 1915. The weather was pleasant and not too warm, and the crowds that came to admire the flowers were therefore not inconvenienced by the heat and stuffiness of the hall, so apparent on very hot days. The flowers, too, looked all the better for the cooler atmosphere, and presented a charming combination of pleasing colors that no other flower seems to possess on the exhibition tables.

With one or two exceptions, every one of the 35 classes in the schedule was filled, and the competition was keen in many of them. Something like 130 exhibitors came from all parts of the kingdom, and Scotland and Ireland were well represented, both by the trade and by amateurs. Dobbie & Co., Edinburgh, and also Dickson & Sons, Belfast, with their "Hawmark" displays, were conspicuous champions of the Celtic fringes, while the purely English trade exhibitors were represented by R. Bolton of Warton, Carnforth; Jarmon, of Chard; C. Stark & Son, of Great Ryburgh, Norfolk; James Box, of Lindfield, Sussex; John K. King, of Coggeshall, Essex, and one or two others.

Speaking generally, there were no striking features of the show. It was on the whole, quite up to the standard of previous years so far as the size and excellence of the blooms were concerned, and the coloring was as pure and as vivid as ever. The keenest interest centered around the winner of the Eckford challenge cup, and this was carried off in triumph by the gardener to Lord North, Wroxton Abbey, Banbury, Oxon, from eight other competitors, with 12 bunches of magnificent size, quality and coloring. W. H. Holloway, Post Hill, Shrewsbury, came second, while the gardener to Sir Randolph Baker, Bart., Royston, Blandford, Dorset, was third.

The Sutton cup for 18 bunches, distinct, was also carried off by Lord North's gardener (E. R. James), Sir Randolph Baker's gardener being second. A few other trophies of lesser importance attracted several competitors, the most conspicuous being the E. W. King challenge cup for 12 bunches, distinct, varieties that had been "offered for sale and catalogued during the autumn of 1914 or the spring of 1915." R. Sandford of Mildenhall, Suffolk, won this with a very handsome exhibit.

For the W. Atlee Burpee & Co. challenge cup and the gold medal of the society, there was only one entry—Mrs. Baird, West Malvern, whose gardener, (J. W. James) was awarded the prize for a display of waved varieties arranged on a space three by eight feet, and not to exceed four feet in height.

As to novelties, there were practically none. The nearest approach to something new was in the class set apart for seedling varieties not yet in commerce, but nothing very startling came forth. Indeed, it is not too much to say that the sweet pea seems to have reached its zenith, so far as size, color and variation are concerned, and the only chance for new breaks seems to be in the direction of improvement in the yellows, and in increasing the number of flowers to the stalk. In connection with the latter point, the commonest number still seems to be four, but I counted a good many "fives," and that leads me to hope that this

number will in the near future become as common as the "fours" now are. In the Holloway exhibit I saw a spray of the beautiful orange pink, Edrom Beauty, with seven flowers upon it—but alas, the stem was fasciated! I was told, however, that another spray of Marks Tey had also seven flowers upon it, and that without fasciation. But I did not actually see this particular spray with my own eyes.

The great war, of course, has made some difference to the sweet pea trade, and business was not so brisk as on previous occasions. Many enthusiasts from the continent of Europe were this year conspicuous by their absence, and I do not think there was any American visitors (that is, directly interested in the trade) present, and there generally are a few of them poking about the exhibition. The annual dinner of the society, usually held on the same day as the exhibition, was this year called off on account of the war, but it is hoped that next year there will be all the greater enthusiasm.

As to the crops of sweet peas in England, grown this year, there seems to have been better quality and deeper color than usual, and complaints of "streak" have been few and far between. Lately the gales have knocked the plants about somewhat, but taking it altogether the sweet pea is just as popular and as extensively grown as ever, and continues to attract new recruits to its shrine every year. W.

American Ass'n of Park Superintendents.

The seventeenth annual convention of the American Association of Park Superintendents was held at San Francisco, Calif., August 18-20. At the opening session on Wednesday morning the delegates were given a warm welcome by Mayor James Rolph, which was responded to by President G. X. Amryhn, of New Haven, Conn., followed by admission of new members, reports of officers, introduction of resolutions, etc. The afternoon session of that day opened with reports of committees, new business was brought up and papers and addresses were read. The election of officers which closed the session resulted in the selection of the following to serve during the coming year: Emil T. Mische, Portland, Ore., president; J. W. Thompson, Seattle, Wash.; J. F. Walsh, New York; Alex Stuart, Ottawa, Can.; E. P. Griffin, East St. Louis, Ill.; L. P. Jansen, St. Louis, Mo.; E. V. Goebel, Grand Rapids, Mich., vice-presidents; R. W. Cotterill, Seattle, Wash., secretary-treasurer. New Orleans, La., was selected as the convention city for 1916. In the evening stereopticon lectures, addresses and papers and unfinished business preceded the closing ceremonies.

The visitors were given a trip by steamer around San Francisco bay Thursday forenoon, followed by a luncheon at Oakland and a trip by auto through Oakland, Alameda and Berkeley as guests of the Oakland board of park directors. In the evening there was a stag smoker for the gentlemen at the Elks' club, and the ladies were entertained at a theater party.

Friday was devoted to sightseeing, including a tour of inspection of the parks, playgrounds and boulevards of San Francisco, the ride terminating at the Panama-Pacific exposition.

John McLaren, San Francisco, was honored by the association in the election to the office of honorary president, in recognition of his splendid work in the San Francisco park system.

Railway Gardening Association.

The Railway Gardening Association met at Detroit, Mich., August 17-20, for its ninth annual meeting, the Hotel St. Clair being the headquarters. Following the address of President Paul Huebner, the reports of the secretary and treasurer were presented, and a number of very interesting papers were read, and the subjects freely discussed. At the election of officers to serve during the ensuing year, the following were chosen: J. A. Byrne, B. & O. R. R., Relay, Md., president; C. W. Eichling, Q. & C. R. R., New Orleans, La., and R. J. Rice, M. C. R. R., Niles, Mich., vice-presidents for the four-year term and short term to succeed J. A. Byrne; Chas. E. Lowe, Penna. Co., Sewickley, Pa., secretary; J. K. Wingert, C. V. R. R., Chambersburg, Pa., treasurer. The newly elected secretary, Chas. E. Lowe, acted as secretary of the meeting, in place of W. F. Hutchison, who was unable to be present. The business sessions came to a close Wednesday noon, following the selection of New Orleans for the 1916 meeting, and during the afternoon the delegates were the guests of the local florists on an auto trip through the city and parks. The following day a steamer trip was taken up the beautiful Detroit river and was much enjoyed by all. Among those in attendance were the following:

Paul Huebner, Philadelphia, Pa.
Chas. E. Lowe, Pittsburgh, Pa.
I. K. Wingert, Chambersburg, Pa.
John Rinck, New Orleans, La.
John Gigner, Niles, Mich.
J. A. Byrne, Relay, Md.
John Foley, Philadelphia, Pa.
I. T. Worthley, Philadelphia, Pa.
W. R. Wingert, Chambersburg, Pa.
Levi W. Burdge, Lakewood, N. J.
P. Foy, Roanoke, Va.
E. Steibner, Champaign, Ill.
F. W. Vail, Dunellin, N. J.
E. Engleman, Altoona, Pa.
S. Silber, Millintown, Pa.
R. J. Rice, Niles, Mich.
F. Sagsworth, Ypsilanti, Mich.
N. Castie, Pittsburgh, Pa.
C. B. Little, Sewickley, Pa.

Westchester and Fairfield Hort. Society.

CLUB MEETING.

The monthly meeting of the above society was a hot one, and in consequence the usual large attendance was lacking; nevertheless, there was a fairly good number of the members present. President Seeley occupied the chair. Honorable mention was voted to Owen A. Hunswick for a fine specimen plant of *Torenia Fournieri* grandiflora, the only exhibit of the evening. Several letters from friends of the society were read, offering substantial prizes for the fall show to be held in Stamford, Conn., November 5-6. The outing committee made its report, which was accepted, and a vote of thanks given the members of the committee for the pleasing programme offered at the recent outing at Edward's Rye Beach Inn, Rye Beach, N. Y., August 10. Messages were read from several of the society's members in attendance at the exposition at San Francisco, and all reported a grand time en route. There being no lecture scheduled for the meeting, an adjournment was taken until September 10, at which time it is expected there will be an interesting display of seasonable flowers.

ANNUAL OUTING.

The annual outing was held at Edward's Rye Beach Inn, August 10. The day was ideal; in fact, the first pleasant day in several weeks. The society's members, together with their families, and a goodly number of trade representatives and members of the trade press made up a large and happy party. We were greatly pleased to have a large delegation of the Tarrytown Horticultural Society join us at dinner, which was a special feature of the day—a regular shore dinner, served by the hotel management. After dinner the humorous pastime of "breaking the flower pots" was indulged in, followed by a tug-of-war, and an excellent programme of field sports. The events and the awards follow:

Quoit match, between Westchester and Fairfield—Won by Westchester; score, 23 to 18.

Tug-of-war—Won by Fairfield.

Wheelbarrow race—Neil McInnes and Colin Aitchison, first; Wm. Whittin and Alex. Clarkson, second.

Race for single ladies—Miss Marie Addor, first; Miss Annie Peters, second. One hundred yard dash for gardeners—W. J. Sealey, first; Wm. Whittin, second.

Hammer throwing—Thos. Aitchison, first; Wm. Whittin, second.

Race for gardeners' wives—Mrs. McArdle, first; Mrs. Johnson, second.

Running high jump—Wm. Whittin, first; Patrick Donalevy, second.

Blindfold race—Neil McInnes, first; Lizzie Aitchison, second.

Mixed race—Colin Aitchison, first; Wm. Whittin, second.

Football kick for women—Mrs. Guernsprey, first; Mrs. Stuart, second.

Baseball throw for women—Miss Isabella Flaherty, first; Mrs. Peterson, second.

Fat man's race—Thos. Bell, first; Jas. Stuart, second.

Boy's race (not over 16 years)—Wm. Morrow, first; Jos. Morrow, second.

Girl's race (not over 12 years)—Betty Scott, first; Agnes Aitchison, second.

Boy's race (not over 12 years)—Leo Levy, first; Axel Peterson, second.

Girl's race (not over 7 years)—Agnes Aitchison, first; Isabelle Wynne, second.

Boy's race (not over 7 years)—Edwin Wynne, first; Willie Peterson, second.

P. W. POPP, Cor. Sec'y.

Gladiolus Society of Ohio.

THIRD ANNUAL FLOWER SHOW.

The third annual flower show of the Gladiolus Society of Ohio was held in the assembly room of the Hollenden hotel, Cleveland, August 13-14, and was much larger and more interesting than the exhibition last year. The displays of retailers were much larger, and the arrangements of tables and baskets were of high standard. The completeness of the displays of the growers was noteworthy and were at all times surrounded by interesting throngs. The exhibition was open to the public from 10 a. m. until 10 p. m. on both days of the show, and hundreds of the flower loving public were in attendance, viewing the many new seedlings as well as the old favorites, all attractively staged, and admiring the clever work of the retailers, represented by numerous artistic arrangements.

Among the growers represented, all of whose exhibits were of the very highest order, were the following: W. Atlee Burpee & Co., Philadelphia, Pa.; C. Betscher, Canal Dover, O.; The Perkins-King Co., West Mentor, O.; R. E. Huntington, Painesville, O.; Munsell & Harvey, Ashtabula, O.; Wayside Gardens, Mentor, O.; Madison Cooper, Calcium, N. Y.; Miss L. C. Mizer, South Euclid, O.; Matthew Crawford Co., Cuyahoga Falls, O.; Jos. Coleman Co., Lexington, O.; R. A. Cawley, Painesville, O.; E. E. Stewart, Brooklyn, Mich.; Bidwell & Fobes, Kinsman, O.; A. H. Austin Co., Wayland, O.; Jas. F. Rychlik, Painesville, O.; Jacob Thomann & Son, Rochester, N. Y.

The displays of the local florists were varied and attractive and were much admired by the visitors. A basket arrangement of Niagara and Panama, displayed by Westman & Getz, was cleverly done, and their table decoration of Niagara with corsages and boutonnières was excellent. The J. M. Gasser Co. was represented by an artistic table arranged with Niagara and Baron Hulot, with fancy leaved caladiums and scabiosa; also an artistic basket arrangement of the same varieties. The Jones-Russell Co.'s display, which consisted of a table arrangement, which embodied a miniature fish pond and birch-bark vases containing America gladioli, was at all times the center of an admiring throng. A basket of America and Niagara, well arranged, was also a feature. A table of Niagara, arranged with heather and adiantum, staged by Knoble Bros., received many well-deserved compliments, as did a basket of Mrs. Francis King and Niagara, also a part of the same exhibit. A. M. Albrecht had a novel and artistic arrangement of a bride's bouquet in which white gladioli were used. Pink gladioli in quantity arranged in the form of a beehive were shown by the James Eadie Co., and was very attractive. Smith & Feters showed a table arranged with a high centerpiece, red gladioli being used at the base and white at the top. Four attractive small baskets of red gladioli were also noteworthy in their excellent display. Charlesworth & Son showed two attractive baskets of gladioli, one of pink and the other yellow. The Ohio Floral Co. showed an excellent basket of gladioli in pink. Carl Hagenberger of Painesville staged several vases of gladioli in several varieties, cleverly arranged; also a vase of very fine asters.

The judges of the show made special mention of the splendid exhibit of W. Atlee Burpee & Co. This firm arranged an especially attractive display of Fordhook hybrids, the rare and remarkable shadings and colors being well worthy of the honor. Kunderdi Glory, exhibited by R. A. Cawley, Painesville, a gladiolus of the muffled, wavy petal type, is said to be the first one of its kind in the world, having taken A. E. Kunderd, the gladiolus expert of Goshen, Ind., 23 years to develop it to its present state of perfection and beauty.

Next year's exhibition of the society will be held in Cleveland about the same time of the year. The business meeting was held Saturday, August 14, at which minutes of the last meeting were read and other details discussed, after which an adjournment was taken until the time of the fall show of the Cleveland Florists' Club in November, at which time officers will be elected.

The awards were as follows:

AMATEUR CLASS.

Best display, 10 or more varieties, six spikes of each—Madison Cooper, Calcium, N. Y., silver medal.
Best display, 10 or more varieties, six spikes of each—Madison Cooper, first.
Best vase of yellow, any variety, 10 spikes—Miss L. C. Mizer, South Euclid, O., first.
Best vase of pink, any variety, 10 spikes—Madison Cooper, first.
Best six spikes, any named variety—Madison Cooper, first; R. A. Cawley, second; Miss L. C. Mizer, third.

PROFESSIONAL CLASS—OPEN TO ALL.

Best display of seedlings never before exhibited, three or more varieties, three or more spikes of each—A. H. Austin Co., Wayland, O., first; J. Thomann & Sons, Rochester, N. Y., second.
Best display, 10 varieties, six or more spikes of each—Perkins-King Co., West Mentor, O., first; R. E. Huntington, Painesville, O., second; Bidwell & Fobes, Kinsman, O., third.
Best vase, any red variety, 10 spikes—R. E. Huntington, first.
Best vase light red variety, 10 spikes—Munsell & Harvey, Ashtabula, O., first.
Best vase new red variety—The A. H. Austin Co., first.
Best vase white, any variety—Madison Cooper, first.
Best vase white, any variety—R. E. Huntington, first.
Best vase pure white variety—J. Thomann & Sons, first.
Best vase of new yellow, six spikes—C. Betscher, Canal Dover, O., first.
Best vase any blue variety—J. F. Rychlik, Painesville, O., first.
Best vase Panama, 12 spikes—J. F. Rychlik, first.
Best vase one variety, size only considered—The A. H. Austin Company.
Best new seedling, any color—The A. H. Austin Company.
Best vase Europa, 10 spikes—E. E. Stewart.
Best vase America, 10 spikes—Wayside Gardens.
Best vase Mrs. Francis King—J. F. Rychlik.
Best vase Mrs. F. Pendleton—R. E. Huntington.
Best display seedlings, 100 spikes—Wayside Gardens.
Display winning largest number variety premiums—R. E. Huntington.
Best arranged display—R. E. Huntington, first; Bidwell & Fobes, second.
Best collection red—Munsell & Harvey, silver cup.
Best new variety never before shown in Cleveland, 12 spikes—R. E. Huntington, silver cup.
Best display by one exhibitor—The A. H. Austin Co., bronze silver cup.
Best new white seedling, six spikes—J. Thomann & Sons.
New seedling or other variety, never shown in Cleveland before—The A. H. Austin Co., three certificates; J. Thomann & Sons, one certificate.

C. F. B.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

October 21-26, San Francisco, Calif.—Fall Flower Show, Pacific Horticultural Society in conjunction with the Chrysanthemum Society of America and the Department of Horticulture of the Panama-Pacific International Exposition, Palace of Horticulture, Exposition Grounds, P. Taylor, secretary, 2714 McAllister street, San Francisco.

November 3-5, New York.—Exhibition of flowers, plants, fruits and vegetables, American Institute of New York, 25-33 West Thirty-ninth street. W. A. Eggleston, secretary board of managers, 324 West Twenty-third street, New York.

November 3-5, Tarrytown, N. Y.—Exhibition of the Tarrytown Horticultural Society, Music hall, Edward W. Neubrand, secretary, Tarrytown.

November 4-5, Worcester, Mass.—Chrysanthemum exhibition, Worcester County Horticultural Society, Horticultural hall, L. C. Midgley, secretary, 18 Front street, Worcester.

November 4-7, Boston, Mass.—Autumn exhibition of plants, flowers, fruits and vegetables, Massachusetts Horticultural Society, Horticultural hall, Wm. P. Rich, secretary, 300 Massachusetts avenue, Boston.

November 9-14, Chicago.—Chicago Grand Floral Festival, Horticultural Society and the Chicago Florists' Club, Coliseum, N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

November 10-14, Cleveland, O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum, Frank A. Friedley, secretary, Exhibition Committee, 356 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel, Ernest K. Thomas, secretary, Box 180, Kingston, R. I.

March 25-April 2, Philadelphia, Pa.—Fourth National Flower Show, under the auspices of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

OBITUARY.

Mrs. Katherine Wiegand.

Mrs. Katherine Wiegand, widow of Anthony Wiegand, and mother of George and Homer Wiegand, of Anthony Wiegand & Sons Co., the well-known Indianapolis, Ind., florists, died recently at her home in that city. She and her husband were among the pioneers in the florist business in Indiana and their indefatigable efforts aided greatly in putting the florists' business of Indianapolis upon its present high plane, of which the splendid Wiegand establishment is an example. Mrs. Wiegand enjoyed the respect and friendship of hundreds, and was known for her kindly, unassuming disposition and her open-handed charity. The high regard in which she was held was shown by the large number of beautiful floral tributes that accompanied her to her last resting place.

Joseph Frese.

Joseph Frese, retired nurseryman, one of the oldest residents of Quincy, Ill., and a pioneer of that vicinity, died in that city, August 7, aged 84 years. For the last three years he has been failing in health, and his death was the result of a complication of diseases.

Surviving are his wife, four sons, Louis, Henry and Joseph of Quincy, and John of Gilkarson, Ark.; three daughters, Mrs. William Bockenfeld and Mrs. Frank Winking of Quincy, and Mrs. Frank Knuffman of Newtown, Ill.; 37 grandchildren and 22 great grandchildren.

William Waring, Sr.

William Waring, Sr., well-known representative of Wm. Scott Co., Inc., Buffalo, N. Y., and proprietors of the Montrose Greenhouses, Corfu, N. Y., having been connected with that firm for over 30 years, is dead. His jovial disposition and kindly personality won for him a host of friends, both old and young, to whom the news of his demise will occasion sincere regret. He will be missed by all who were fortunate in being numbered among his friends—and they were many.

A. N. Crouch.

A. N. Crouch, one of the pioneer florists of Knoxville, Tenn., and until a few years ago connected with his father, Chas. W. Crouch, well-known florist of that city, died at his home in Knoxville, July 20. While not actively engaged in the florist business at the time of his death, he was well known to the trade in many cities. All of the Knoxville florist stores closed during the funeral services, which were held July 22, and floral tributes in profusion were sent by a host of friends.

FAR AND NEAR.

RUMSON, N. J.—Frank McMahon is making improvement at his range.

SOUTHWICK, CONN.—Edward Gillett is replacing his present house with a new one.

LEWISTON, ME.—Ernest Saunders is erecting a new carnation house, 32 by 425 feet.

PULLMAN, WASH.—The Washington State College is erecting one house, 20 by 125 feet.

ELLSWORTH, ME.—A carnation house, 20 by 70 feet is being erected by Miss Mary A. Clark.

CARTHAGE, MO.—W. H. Barham has leased the Speece Greenhouse on South Garrison avenue.

NORRISTOWN, PA.—The florist business of the late Wm. H. Catanese will be continued by Mrs. Catanese.

DAYTON, O.—W. S. Kidder is installing an experimental greenhouse in the rear of his property on Grand avenue.

OSWEGO, N. Y.—C. A. Tanner, who recently bought the Penfold Greenhouses, has rented them to outside parties.

CROMWELL, CONN.—A house, 15 by 150 feet, to be used for bedding plants, is being added to the range of Magnus Pierson.

SACRAMENTO, CALIF.—R. Armstrong has given up his position as superintendent of East Lawn Cemetery Association.

SPOKANE, WASH.—The fall flower show of the Spokane Horticultural Society will be held the first week in September.

KITTANNING, PA.—Joseph W. Glenn has severed his connection with outside business interests and will devote his entire time to his florist business in this city.

NEW HAVEN, CONN.—Slocombe Bros. are preparing five houses for their violet business. Their dahlia stock is in fine condition.

PHILADELPHIA, PA.—Michaelsen Bros. are erecting one iron frame house, 36 by 96 feet at Walnut and Fifty-eighth streets. Cost, \$950.

HOUSTON, TEX.—The Cotney Floral Co. has added a new display room for cut flowers at their establishment, 2531 Washington avenue.

STILLWATER, OKLA.—Dr. F. M. Rolf of Clemenson College has been appointed professor of horticulture at the A. & M. College.

JOLIET, ILL.—Superintendent Sterling, of Oakwood cemetery, is building five new houses to replace five old ones that have been torn down.

INDEPENDENCE, IA.—The Ibling Greenhouse has been sold to Ray Whitney, who will continue the business after improvements are completed.

PHILADELPHIA, PA.—J. L. Nichols, 5435 North Water street, is erecting an addition, 50 by 100 feet to his range. The cost will be \$1,000.

GREAT FALLS, MONT.—A. L. Birum, John Hodely and Ella G. Birum have incorporated the Great Falls Floral Co.; authorized capital, \$25,000.

PAOLI, IND.—The Paoli Horticultural and Quarantine Association has been organized for the purpose of protecting orchards from insects and infections.

INDIANAPOLIS, IND.—South side property owners will ask the park commissioners to purchase a park site near Shelby street and Fountain square.

SALEM, O.—The Cowgill Floral Co. has been incorporated by E. I. Kille, Henry Trotter, Thos. G. Reese, A. M. Wilhelm and C. C. Campbell; capital stock, \$10,000.

BERGENFIELD, N. J.—H. E. Fisher of West Hoboken will conduct the florist business at the Bergenfield Nurseries under the firm name of H. E. Fisher & Sons.

PORTSMOUTH, O.—Edward Schwartz, formerly in the florist business in Indianapolis, Ind., has opened a greenhouse in this city at Thirteenth and Findlay streets.

RED BANK, N. J.—The annual flower show of the Monmouth County Horticultural Society will be held here, October 27-28. H. A. Kettel, Fair Haven, N. J., is secretary.

DAYTON, O.—Bids have been asked for two portable greenhouses by the city, to be erected in one of the city parks to house plants and flowers during the cold months.

LUDINGTON, MICH.—Elmer L. Brillhart, florist, has been adjudged bankrupt. He scheduled liabilities of \$8,512.97 and assets of \$13,000, the latter including exemptions.

REEDLEY, CALIF.—C. A. Noren of this city has been appointed horticultural commissioner for Modoc county, succeeding O. C. McManus, who was killed in the discharge of his duties.

HANNIBAL, MO.—W. Griffen, who has a range of 15,000 square feet of glass at Oakwood devoted to vegetables and flowers, is preparing to open a flower shop in this city at 316 Broadway.

JAMESTOWN, N. D.—Leslie Dysart, proprietor of the Jamestown Floral Co., has disposed of the business, the new owners being Charles E. Moore and C. L. Stuwif, of Valley City, N. D.

PASADENA, CALIF.—Thomas Chisholm, proprietor of the Pasadena Nursery, has donated a \$50 prize cup to be competed for at the Pasadena Horticultural Society's fall show, October 28-30.

LITTLE ROCK, ARK.—Paul M. Palez left August 2 for eastern cities, where he will purchase new fixtures and stock for a new florist shop, which will be opened about September 1 at 606 Main street.

CHAMPAIGN, ILL.—About 150 persons attended the third summer meeting of the Illinois State Horticultural Society July 27-28. Among those who addressed the gathering were President Edmund C. James and Prof. J. C. Blair of the University of Illinois.

ATCHISON, KAN.—The remains of Richard Henry Groves, pioneer florist, have been laid to rest in Mt. Vernon cemetery beside those of his son, also a florist; who was killed in California last winter, and who was buried here three weeks before the death of his father.

LINCOLN, NEB.—The Griswold Seed Co. has added three new greenhouses and a new packing shed. Myron L. Jenkins, of College View, has been engaged by the company and will have charge of the grounds of the company and will look after the ornamental nursery stock.

MADISON, WIS.—The Wisconsin State Horticultural Society will probably have its annual appropriation reduced by nearly one-half by this session of the legislature. Heretofore this society has had an appropriation of \$9,000 annually. The assembly has just passed a bill reducing this appropriation to \$5,000.

OMAHA, NEB.—The annual outing of the Omaha Florists' Club announced for August 19, at Krug's park will, it is expected, prove one of the most pleasant in the club's history. There is a well arranged programme of field sports, and following the supper in the evening "The War of the Nations," an elaborate fireworks display, will be an added attraction.

KENOSHA, WIS.—The new flower shop of Lewis Turner & Sons at Park avenue and Main street was formally opened to the public August 14, and is conceded to be one of the most beautiful retail stores ever opened in this city. Complete in all its appointments, with interior finishings of white enamel, a tile floor of unusual beauty and its attractive show windows filled with choice blooms, the new shop is already one of the real attractions of the city's shopping district.

FLORISTS' HAIL ASSOCIATION OF AMERICA.

SECRETARY'S REPORT FOR YEAR ENDING AUGUST 1st, 1915

The insurance on glass effective at present date in the Florists' Hail Association, subdivided by States, is as stated below:

	Single thick glass.	Double thick glass.	Single thick glass, Extra one-half	Double thick glass, Extra one-half	Single thick glass, Extra whole.	Double thick glass, Extra whole.	Amount paid for loss Aug. 1, 1914 to Aug. 1, 1915.
Arkansas	16,700	3,960					
Colorado	553,929	839,822	74,735	106,184	272,214	599,773	\$676.88
Connecticut		84,419		43,986		2,100	
Delaware	18,166	3,871					
Florida	24,150	52,050					
Georgia	29,638	52,549					
Illinois	247,319	3,935,997	84,543	492,840	46,837	896,316	1,307.55
Indiana	116,915	1,918,139	10,315	310,447	71,420	188,286	673.68
Iowa	240,088	2,035,939	14,955	719,575	55,768	403,723	1,804.19
Kansas	518,817	972,697	32,774	101,912	314,962	563,599	2,745.94
Kentucky	34,589	177,109			3,200	42,780	215.74
Louisiana		5,520					
Maine	6,742	42,285			500	8,056	
Maryland	65,575	166,247	6,225	14,996	8,900	60,750	
Massachusetts	1,100	221,645	1,100	20,000			
Michigan	79,606	1,090,224		17,294	9,884	158,263	
Minnesota	50,628	1,551,559	1,640	46,608	2,400	759,270	21.78
Missouri	968,333	2,054,071	95,360	302,197	361,965	1,213,929	3,747.14
Montana	2,800	36,668			2,800	2,536	
Nebraska	343,680	379,707	103,944	106,853	89,907	183,837	4,917.33
New Hampshire		20,557					
North Carolina		57,081		4,902			
North Dakota		94,952		12,200		61,584	38.22
New Jersey	42,564	1,100,844		7,589	23,000	25,006	17.36
New Mexico	4,768	27,066			4,768	27,066	24.84
New York	81,060	651,951	750	33,730	6,400	44,690	
Ohio	311,557	2,916,006	64,764	458,973	19,335	396,683	90.23
Oklahoma	100,536	274,098		21,530	94,708	158,470	1,209.26
Oregon		8,684					
Pennsylvania	314,063	3,127,424	8,340	161,605	16,168	690,181	122.10
Rhode Island		9,750				9,750	
South Carolina		8,202				8,202	
South Dakota	37,900	114,023		13,200	33,900	37,908	318.39
Tennessee	70,000	900		900			85.40
Texas	159,245	414,658		14,080	42,893	123,212	1,177.06
Virginia	15,745	152,523			7,560	26,343	
Washington	12,910	11,040					
West Virginia		34,948					
Wisconsin	59,262	586,036		4,450	9,250	33,317	75.50
Wyoming	33,370	12,411		8,200		12,280	
Dist. Columbia	5,820	71,576			4,220	71,576	
Canada	9,055	304,098	2,762			137,393	16.49
	4,576,630	25,621,306	502,207	3,024,251	1,502,959	6,946,879	\$19,285.08

The above is equivalent to an insurance upon 40,411,003 square feet of glass. The total receipts for the year ending August 1, 1915, and including last year's balance, as per Treasurer's Report, are \$61,590.90.

The total expenditures, as per Treasurer's Report, for the year ending August 1, 1915, are \$24,860.78.

The cash balance on hand is \$36,730.12, of which \$1,713.90 belongs to the Reserve Fund. The Reserve Fund now amounts to \$35,713.90, of which \$34,000.00 is invested in first class municipal bonds, and \$1,713.90 cash in hands of the Treasurer.

The amount of interest collected on bank deposits for the year is \$431.44.

The amount of interest collected on Reserve Fund investments for the year is \$1,347.50. Twenty-two hundred losses have been adjusted since the organization of the F. H. A., involving a total expenditure of nearly \$317,000.00.

The number of Members at date of closing is 1621.

An equivalent of 110,276 square feet of single thick glass was broken by hail, for which the Association paid \$5,513.80; and an equivalent of 196,733 square feet of double thick glass was broken, which cost the Association \$13,771.28.

The F. H. A. liabilities at the close of this report are a number of unadjusted losses, the proofs of which are not at hand.

	No. of hail storms from June 1, 1887 to Aug. 1, 1915.	No. of losses paid from June 1, 1887 to Aug. 1, 1915.	No. of hail storms for year ending Aug. 1, 1915.	No. of losses paid for year ending Aug. 1, 1915.
Alabama	4	1		
Arkansas	5	2		
California	1			
Colorado	80	212		7
Connecticut	14	2		1
Delaware	4	1		
Florida				
Georgia	6			
Illinois	159	156		1
Indiana	72	22		2
Iowa	150	229		12
Kansas	189	397		29
Kentucky	26	15		3
Louisiana	5			
Maine	3			
Maryland	34	11		
Massachusetts	14	1		
Michigan	3	22		
Minnesota	69	88		3
Mississippi	2			
Missouri	148	330		13
Montana	4	3		
Nebraska	89	67		11
New Hampshire	9	1		
New Jersey	93	13		2
New Mexico	9	9		1
New York	118	21		
North Carolina	6	3		
North Dakota	9	5		1
Ohio	125	120		2
Oklahoma	36	52		4
Oregon				
Pennsylvania	121	103		3
Rhode Island	4			
South Carolina	2			
South Dakota	29	35		3
Tennessee	3	2		1
Texas	45	40		8
Vermont	3			
Virginia	8	5		
West Virginia	12	4		
Wisconsin	47	51		1
Wyoming	5	9		
Dist. Columbia	5			
Canada	10	8		1

It might be well to emphasize the fact that the F. H. A. does not employ agents and that application blanks for membership can be secured without charge, by applying to the Secretary.

JOHN G. ESLER, Secretary.

TREASURER'S REPORT FROM JULY 30th, 1914, TO JULY 26th, 1915

Received from 27th Assessment	\$28,973.55
Received from Membership Fees	1,096.14
Received from New Members	712.45
Received from Additional Membership	591.77
Received from Extra One-Half Assessment	92.22
Received from Extra Whole Assessment	314.04
Received from Re-Insurance	284.99
Received from Interest on Reserve Fund	1,347.50
Received from Interest Bank Deposit, Jenkintown National Bank	412.04
Received from Interest Bank Deposit, Rittenhouse Trust Co.	19.40
Received from Refund of Overpayment on Loss of Stuppy Floral Co.	12.00
	\$33,856.10

Expenses from Aug. 1, 1914, to Aug. 1, 1915

Aug. 10, Price, Waterhouse & Co., Auditing accounts for the year	\$15.00
Aug. 18, J. G. Esler, fare to Wyncote, auditing accounts	5.00
Sept. 3, Market Growers' Journal, advertising annual meeting	1.00
Sept. 3, Florists' Publishing Co., advertising annual meeting	1.30
Sept. 7, Douglas A. Brown, stenographic report of annual and directors' meetings	10.00
Sept. 7, Florists' Exchange, advertising annual meeting	1.50
Sept. 11, American Florist, Advertising annual meeting and printing annual report	28.50
Sept. 29, Horticulture Publishing Co., advertising annual meeting	1.00
Sept. 29, American Surety Co., premium on bonds of Secretary and Treasurer	77.50
Sept. 29, A. T. De La Mare Co., 1900 annual reports	34.75
Nov. 5, E. G. Hill, account salary as President	50.00
Nov. 5, J. G. Esler, account salary as Secretary	300.00
Nov. 5, Joseph Heacock, account salary as Treasurer	100.00
Nov. 13, A. T. De La Mare Co., 1800 assessment notices and 3000 envelopes	31.61
Dec. 5, A. T. De La Mare Co., 200 applications and 200 receipts of claims	7.25
Jan. 1915, J. G. Esler, postage to date	13.00

Expenses from Aug. 1, 1914, to Aug. 1, 1915—Continued

Jan. 25, A. T. De La Mare Co., 1800 assessment receipts, 1800 additional applications, 200 rate circulars	\$14.25
Jan. 30, A. T. De La Mare Co., advertisement in Florists' Annual	6.00
Feb. 3, E. G. Hill, account salary as President	50.00
Feb. 3, J. G. Esler, account salary as Secretary	300.00
Feb. 3, Joseph Heacock, account salary as Treasurer	100.00
Feb. 4, J. G. Esler, postage, including 27th assessment	37.00
Apr. 10, A. T. De La Mare Co., 200 letter heads	2.82
Apr. 15, J. G. Esler, revenue stamps to date	10.50
Apr. 16, A. T. De La Mare Co., 300 extra insurance applications	5.08
May 4, E. G. Hill, account salary as President	50.00
May 4, J. G. Esler, account salary as Secretary	300.00
May 4, Joseph Heacock, account salary as Treasurer	100.00
May 21, Hackensack Republican, 600 membership certificates	10.50
May 28, Joseph Heacock, postage to date and stamped envelopes	38.00
June 3, A. T. De La Mare Co., 1000 copies constitution and by-laws	22.50
June 16, A. T. De La Mare Co., 300 copies application for insurance	6.10
June 16, Rand, McNally Co., commercial Atlas, 1915	15.00
June 28, A. T. De La Mare Co., 300 warrants, 200 letter heads	5.58
June 28, A. T. De La Mare Co., advertising, Aug. 1, 1914, to Aug. 1, 1915	15.00
July 5, The Tengwell Co., 6 loose-leaf ledgers	52.50
July 5, John G. Esler, postage, revenue stamps, telegram, stationery	30.60
July 5, Florists' Review, advertising, Aug. 1, 1914, to Aug. 1, 1915	15.00
July 8, Horticulture Publishing Co., advertising, Aug. 1, 1914, to Aug. 1, 1915	15.00
July 8, E. G. Hill, postage to June 30, 1915	7.86
July 8, A. T. De La Mare Co., 500 Affidavits of loss	17.00
July 8, American Florist, advertising, Aug. 1, 1914, to Aug. 1, 1915	15.00
July 12, E. G. Hill, balance of salary as President	153.00
July 12, J. G. Esler, balance of salary as Secretary	1,120.00
July 12, Joseph Heacock, balance of salary as Treasurer	508.00
	\$3,699.70

FLORISTS' HAIL ASSOCIATION OF AMERICA—Continued.

Losses from Aug. 1, 1914, to Aug. 1, 1915

Aug. 1, Michler Bros. Co., Lexington, Ky.	\$36.40
Aug. 1, M. V. Didrickson, Kearney, Neb.	38.36
Aug. 1, James Aldous & Son, Iowa City, Ia.	13.90
Aug. 7, E. H. Frandsen, Independence, Mo., and Sharp, Partridge & Co., Chicago, Ill.	1,168.86
Aug. 7, E. R. Sackett, Fostoria, O.	53.93
Aug. 10, Pfander & Crossbait, Clarinda, Ia.	63.95
Aug. 12, C. C. Pollworth Co., Milwaukee, Wis.	75.50
Aug. 12, Isaac H. Penn, Independence, Mo.	8.70
Aug. 21, G. Oswald Lange, Cape May Court House, N. J.	11.21
Aug. 18, E. W. Ray, Alliance, Neb.	12.50
Sept. 3, Mrs. Carrie Collins, Manhattan, Kan.	25.30
Sept. 3, T. J. Oppermann, Camp Hill, Pa.	69.87
Sept. 3, C. B. Tanner & Co., Hastings, Neb.	169.85
Sept. 7, Pikes Peak Floral Co., Colorado Springs, Col.	398.02
Sept. 7, Reimers Bros., Rapid City, S. D.	95.13
Sept. 7, W. M. Nichol, Watertown, S. D.	5.39
Sept. 7, John P. Murphy, Independence, Ia.	112.56
Sept. 15, Elder Flower Co., New London, O.	36.30
Sept. 15, Edward Williams, Grand Island, Neb.	928.73
Sept. 21, H. R. Fisher, Marysville, Kan.	6.79
Sept. 21, Fred Leucht, St. Joseph, Mo.	389.44
Sept. 21, Buehart, Florist, St. Joseph, Mo.	380.66
Sept. 25, C. M. Sides, Hastings, Neb.	218.87
Sept. 25, James L. Demmead, Marshalltown, Ia.	441.28
Oct. 3, D. F. Braun, Denver, Col.	50.75
Oct. 3, Kinder Floral Co., St. Cloud, Minn.	6.25
Oct. 3, Somers Floral Co., Basking Ridge, N. J.	6.15
Oct. 17, J. Lochrer, Boon, Ia.	399.53
Oct. 17, Aug. Mangelsdorf, Atkinson, Kan.	15.07
Oct. 23, Herman Kerston, New Brighton, Minn.	6.65
Oct. 23, F. E. Blake, Columbus, Kan.	52.70
Oct. 23, W. H. Walk, Columbus, Kan.	54.60
Oct. 23, Mrs. Geo. Allen, Stafford, Kan.	3.24
Oct. 23, William H. Ford, Marshalltown, Ia.	16.80
Oct. 26, Kembell, Smith, Flint Co., Boone, Ia.	380.22
Nov. 2, James B. Masson, Kansas City, Kan.	358.52
Nov. 2, James Hayes, Topeka, Kan.	11.00
Nov. 5, C. H. Frey, Lincoln, Neb.	141.58
Nov. 5, Stuppy Floral Co., St. Joseph, Mo.	1,293.60
Nov. 5, Edward Williams, Grand Island, Neb.	150.00
Nov. 12, Frank F. Crumpp, Colorado Springs, Col.	48.62
Nov. 13, Ernest Mueller, St. Joseph, Mo.	177.80
Nov. 26, J. A. Carter & Son, Galena, Kan.	10.61
Dec. 5, Wm. Hassellman, Independence, Kan.	25.06
Dec. 18, Temple Seed & Floral Co., Temple, Tex.	24.80
1915	
Apr. 15, Thos. A. Ivey & Sons, Ltd., Port Dover, Ont.	16.49
May 13, G. D. Isabel, Brewster, Col.	8.40
May 13, Paul C. Schultz, Vincennes, Ind.	7.24
May 17, A. F. Barbe, Kansas City, Mo.	24.00
May 18, Andrew H. and Bessie Fawkes, Independence, Mo.	25.10
May 21, Anders Rasmussen, New Albany, Ind.	605.85
May 21, Edward Green, San Antonio, Tex.	51.10
May 23, Est. C. H. Kunznan, Louisville, Ky.	179.34
May 24, F. E. Blake, Columbus, Kan.	94.20
May 28, D. Grant Newport, Cedar Rapids, Ia.	167.72
May 28, Archais Floral Co., Sedalia, Kan.	103.72
June 3, Milford Nurseries, Milford, Ia.	46.74
June 3, Lloyd C. Bunch, Fredonia, Kan.	157.71
June 3, Dawson Produce Co., Oklahoma City, Okla.	9.24
June 3, Alameda Greenhouse, Roswell, N. M.	24.84
June 10, Henry Moore, Manhattan, Kan.	436.10
June 10, Henry Moore, Manhattan, Kan.	209.60
June 10, James R. Glass, Fredonia, Kan.	18.33
June 10, William Baum, Kansas City, Mo.	17.14
June 16, John D. Bettmann, Jeffersonville, Ind.	60.59
June 16, J. C. Rennison, Sioux City, Ia.	69.93
June 16, Mrs. Carrie Collins, Manhattan, Kan.	40.90
June 16, El Paso Carnation Co., El Paso, Ill.	1,219.28
June 16, Wm. Kemper, Waseka, Minn.	12.88
June 16, Chas. A. Pfeiffer, Sedalia, Mo.	44.62
June 22, O. C. May, Webster Grove, Mo.	45.60
June 28, Buxton Bros., Wichita, Kan.	50.20
June 28, Wolfe Florist, Waco, Tex.	727.26
June 23, Lang Floral Co., Dallas, Texas.	42.42
June 23, McIntyre Floral Co., Nashville, Tenn.	85.40
June 23, A. Nelson, Rocky Ford, Col.	54.08
June 23, Harry H. Sarver, Dallas, Tex.	12.10

Newport, R. I.

The mid-summer exhibition of the Newport Garden Club and the Newport Horticultural Society, August 12-14, was a varied one, the displays including many varieties of plants, flowers, fruits, vegetables and made up designs. The show was held in tents, a large portion of grounds being enclosed with 10-foot cedar trees, and the various displays showed off to splendid advantage against the background of clean, white canvas. Cedars, standard bays and hydrangeas in tubs lined each side of the avenue that led to the exhibition grounds, where the main tent, 60 by 150 feet, made the background for several smaller tents of striped canvas that held special exhibits. Four canopies formed corners of a square about a pond of water lilies which made a center piece of the grounds, and on the opposite side of the main tent was the bandstand and an open tent furnished with seats. Bay trees, hydrangeas and handsomely trimmed privet were placed in the open

and added greatly to the attractiveness of the general arrangement. Tall palms and magnificent ferns made a most graceful center for crotons, caladiums, begonias, gesnerias, pandanus, campanulas, etc., and added to the effect of the displays arranged on tables that surrounded the sides, which consisted of exhibits of gladioli, gloxinias, calceolarias, and hardy phloxes in variety, the latter predominating. The orchid exhibits had a prominent place and gave tone to the general exhibition. The show on the whole was considered a complete success and a brilliant social affair, many of the leading society women being noted among the list of patronesses.

The trade was well represented, excellent displays being noted from the following, among the long list of entries: Bobbink & Atkins, Rutherford, N. J.; Henry A. Dreer, Inc., Philadelphia, Pa.; Julius Roehrs Co., Rutherford, N. J.; Newport Nursery, Newport, N. J.; John K. Alexander, East Bridge-water, Conn.; A. N. Pierson, Inc., Cromwell, Conn.; Lager & Hurrell, Summit,

N. J.; Wm. Tricker, Arlington, N. J.; R. & J. Farquhar & Co., Boston, Mass.; B. Hammond Tracy, Wenham, Mass.

John T. Allan, Victor May and Joseph Greatorex of Newport; William Anderson, Lancaster, Mass.; Joseph Clark, South Lancaster, Mass., and William N. Craig, Brookline, Mass., were the judges, and the following were among the most prominent in the long list of prize winners:

Vincent Astor (James Boyd, Gr.), Mrs. French Vanderbilt (Daniel Hays, Gr.), Newport Nursery, Lager & Hurrell, Summit, N. J.; Mrs. Geo. D. Widener (Wm. Allen, Gr.), Mrs. Wm. G. Weld (Jas. Watts, Gr.), Mrs. H. Mortimer Brooks (Jas. Bond, Gr.), Mrs. Hugh D. Auchincloss (John Mahan, Gr.), Galen Stone, Mrs. Stuart Duncan (Jas. MacGillivray, Gr.), Mrs. Nathaniel Thayer (Jas. Campbell, Gr.), Mrs. James Haggin (Daniel Foley, Gr.), Governor R. L. Beeckman, Mrs. T. O. Richardson, Mrs. Henry A. D. Taylor, Mrs. Frederick Grinnell (John P. Rooney, Gr.), Mrs. Watts Sherman (Andrew Ramsey, Gr.)

Losses from Aug. 1, 1914, to Aug. 1, 1915—Continued

June 23, J. G. Angel, Oklahoma City, Okla.	\$250.84
June 28, H. E. & C. W. Krebs, Cedar Rapids, Ia.	72.80
June 28, Wm Henshaw, Wichita, Kan.	26.50
June 30, R. B. Hanchett, Wichita, Kan.	8.90
June 30, Herman Siebert, Wichita, Kan.	64.00
July 5, State Fair Floral Co., Sedalia, Mo.	67.90
July 5, Green Floral Co., Dallas, Tex.	106.72
July 5, Bending Floral Co., Superior, Neb.	675.22
July 5, Edwin L. Blackwood, Wichita, Kan.	172.48
July 5, William Schick, Wichita, Kan.	76.70
July 7, Chas. P. Mueller, Wichita, Kan.	115.64
July 7, Hagerman and Carter, Oklahoma City, Okla.	855.80
July 8, W. P. Heigert, Dallas, Tex.	104.76
July 8, Elmer O. Sites, Wichita, Kan.	93.50
July 8, Est. J. R. Sites, Wichita, Kan.	53.38
July 8, F. L. Parker, Hutchinson, Kan.	28.50
July 8, Texas Seed & Floral Co., Dallas, Tex.	107.90
July 12, Ft. Morgan Floral Co., Ft. Morgan, Col.	71.05
July 12, The Stiles Co., Oklahoma City, Okla.	93.38
July 12, A. D. Wilson, Deadwood, S. D.	217.87
July 12, Samuel Rimby, Whitehall, Ill.	21.42
July 12, J. Clint McPherson, Carrollton, Ill.	66.85
July 12, J. M. Auge, Ft. Madison, Ia.	18.76
July 19, Kearney Floral Co., Kearney, Neb.	1,025.28
July 19, Davidson Floral Co., Holdrege, Neb.	950.46
July 19, Geo. R. Bixby, Wichita, Kan.	175.90
July 19, Ira Blake, Wichita, Kan.	127.46
July 19, Mrs. Reta F. Hemphill, Wichita, Kan.	208.00
July 21, M. V. Didrickson, Kearney, Neb.	606.48
July 22, Warren E. Petzmann, Roversford, Pa.	25.49
July 22, Shotwell Floral Co., Fargo, N. D.	38.22
July 22, Trinidad Floral Co., Trinidad, Col.	45.96
July 24, C. H. Goble, Wichita, Kan.	25.05
July 24, Joseph Ashbridge, E. Downingtown, Pa.	26.74
	\$19,285.08

Investments for 1914 and 1915

Oct. 23, Harris, Forbes & Co., 2 bonds Province of Alberta, Canada, and accrued interest to Oct. 25, 1914.	\$1,876.00
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Reserve Fund Investments

Scranton, Pa., bonds, 4 per cent.	\$2,000.00
Atlantic City, N. J., bonds, 4.5 per cent.	2,000.00
Waco, Tex., bond, 5 per cent.	1,000.00
Kalamazoo, Mich., bond, 4 per cent.	1,000.00
Homestead, Pa., bond, 4 per cent.	1,000.00
County of Allegheny, Pa., bond, 4 per cent.	1,000.00
Bergen, N. J., bonds, 5 per cent.	4,000.00
Fairview, N. J., bonds, 5 per cent.	7,000.00
South River, N. J., bonds, 5 per cent.	6,000.00
Edgewater, N. J., bonds, 5 per cent.	4,000.00
Alberta, Canada, bonds, 4½ per cent.	5,000.00
	\$34,000.00

Recapitulation

Dr.	
To balance on hand July 30, 1914.	27,734.80
To total receipts for year ending July 26, 1915.	33,856.10
	\$61,590.90
Cr.	
By losses paid July 30, 1914, to July 26, 1915.	19,285.08
By expenses.	3,699.70
By investment.	1,876.00
By balance on hand, Jenkintown National Bank.	13,782.97
By balance on hand, Rittenhouse Trust Co.	22,947.15
	\$61,590.90

Signed, JOSEPH HEACOCK, Treasurer

Philadelphia, July 26, 1915.

We have audited the accounts of the Treasurer and the Secretary of the FLORISTS' HAIL ASSOCIATION OF AMERICA for the period from July 31, 1914, to July 26, 1915. We have verified the balance on deposit with the Rittenhouse Trust Company, \$22,947.15, and with the Jenkintown National Bank, \$13,782.97, and have examined the securities held as investments, and we certify that the foregoing is a correct statement of the receipts and disbursements during the period.

PRICE, WATERHOUSE & COMPANY,
Chartered Accountants.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Rochester Exposition Flower Show.

The attractive proposition made by the management of the Rochester, N. Y., exposition flower show has invited the attention of the best known growers in the country, as had been expected. With no charge for space, the promise of adequate service and a daily average attendance of over 20,000, it would have been surprising if the big growers had not responded to the invitation to send exhibits to the Rochester show. August 30 to September 11 are the dates. The management of the Rochester exposition declares that the flower show is to be an annual event. The exposition itself is on a permanent basis. It is held at the city's own exposition park and is now in its eighth year. The park has 10 large fireproof buildings, and one of the best has been assigned to the flower show. A committee of the Rochester Florists' Association is co-operating with the management and hopes to make the Rochester show a meeting place for florist and grower, seedsman and importer. They believe that there is need for such an exhibition, as it will give the florists a chance to see, without traveling the country over, what the growers have to offer in new and standard varieties of plants and flowers. That the plan has every promise of success is evidenced by the permanency of the exposition itself, which is practically under municipal auspices.

A personal invitation has been sent to every florist in New York state, as well as in some adjoining states, informing them of the names of the exhibitors and suggesting that they combine business with pleasure by arranging to spend an early fall vacation in the "Flower City," and, at the same time, see what the growers have to offer.

Following is a list of the exhibitors: J. K. Alexander, East Bridgewater, Mass.; C. Betscher, Canal Dover, O.; John Lewis Childs, Flowerfield, N. Y.; Wilbur A. Christy, Warren, O.; N. Harold Cottam & Son, Wopingers Falls, N. Y.; Henry A. Dreer, Inc., Philadelphia, Pa.; R. & J. Farquhar & Co., Boston, Mass.; A. E. Kunderd, Goshen, Ind.; Burt Olney Greenhouses, Albion, N. Y.; A. N. Pierson, Inc., Cromwell, Conn.; F. R. Pierson, Tarrytown, N. Y.; Geo. L. Stillman, Westery, R. I., and the following Rochester houses: Edward Brockman, Geo. T. Boucher, George B. Hart, J. B. Keller Sons, W. T. Logan, Henry P. Neun, Salter Bros., F. Schlegel & Sons, Jacob Thomann & Sons, James Vick's Sons, H. E. Wilson.

Figuring Costs.

These rules for figuring costs and profits are recommended by the National Association of Credit Men:

1. Charge interest on the net amount of your total investment at the beginning of your business year, exclusive of real estate.
2. Charge rental on all real estate or buildings owned by you and used in your business at a rate equal to that which you would receive if renting or leasing to others.
3. Charge in addition to what you pay for hired help an amount equal to what your services would be worth to others; also treat in like manner the services of any member of your family employed in the business not on the regular pay roll.

4. Charge depreciation on all goods carried over on which you may have to make a less price because of change in style, damage, or any other cause.

5. Charge depreciation, on buildings, tools, fixtures, or anything else suffering from age or wear and tear.

6. Charge amounts donated or subscriptions paid.

7. Charge all fixed expenses, such as taxes, insurance, water, lights, fuel, etc.

8. Charge all incidental expenses, such as drayage, postage, office supplies, livery or expense of horses and wagons, telegrams and telephones, advertising, canvassing, etc.

9. Charge losses of every character, including stolen goods, or sent out and not charged, allowance made customers, bad debts, etc.

10. Charge collection expense.

11. Charge any other expenses not enumerated above.

12. When you have ascertained what the sum of all the foregoing items amounts to, prove it by your books, and you will have your total expenses for the year; then divide this figure by the total of your sales, and it will show you the per cent which it has cost you to do business.

13. Take this per cent and deduct it from the price of any article you have sold, then subtract from the remainder what it cost you (invoice price and freight), and the result will show you net profit or loss on the article.

14. Go over the selling prices of the various articles you handle and see where you stand as to profits, then get busy in putting your selling figures on a profitable basis and talk it over with your competitor as well.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

August 25-September 3, Dea Moines.—Iowa State Fair. Elmer Reeves, Waverly, Ia., superintendent of horticulture; Wesley Greene, Des Moines, superintendent of floriculture.

August 30-September 3, Columbus.—Ohio State Fair. H. B. West, Haverly, O., superintendent of horticulture and floriculture.

September 6-11, Indianapolis.—Indiana State Fair. John C. Haines, Lake, Ind., superintendent of horticulture and floriculture.

September 6-11, Wilmington.—Delaware State Fair. R. G. Buckingham, R. F. D., Newark, Del., superintendent of horticulture and floriculture.

September 6-11, St. Paul.—Minnesota State Fair. J. V. Bailey, R. F. D., Bradley Station, St. Paul, Minn., superintendent of horticulture and floriculture.

September 6-15, Detroit.—Michigan State Fair. H. S. Newton, Hart, Mich., superintendent of horticulture; H. H. Dow, superintendent of floriculture.

September 12-19, Topeka.—Kansas State Fair. O. A. Whitney, Capitol building, Topeka, superintendent of horticulture and floriculture.

September 13-18, Louisville.—Kentucky State Fair. J. H. Carmody, Experiment Station, Lexington, Ky., superintendent of horticulture; Wm. Mann, Louisville, superintendent of floriculture.

September 13-18, Syracuse.—New York State Fair. D. Lumsden, Ithaca, N. Y., superintendent of horticulture and floriculture.

September 14-17, Berlin.—Connecticut State Fair. L. W. Gwatkin, Berlin, superintendent of horticulture and floriculture.

September 14-18, White River Junction.—Vermont State Fair. D. H. Stafford, Brattleboro, Vt., superintendent of horticulture and floriculture.

September 14-17, Kingston, B. I.—Washington County Fair. A. C. Money, Exeter, R. I., superintendent of horticulture; James C. Sykes, Peace Dale, R. I., superintendent of floriculture.

September 20-25, Hutchinson.—Kansas State Fair. O. F. Whitney, Capitol building, Topeka, Kans., superintendent of horticulture and floriculture.

September 20-25, Nashville.—Tennessee State Fair. R. F. DeBerry, Humboldt, Tenn., superintendent of horticulture.

September 27-October 1, Trenton, N. J.—Trenton Inter-State Fair. Prof. A. J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

WALLACE R. PIERSON, of Cromwell, Conn., operated upon at San Francisco, August 13, for appendicitis is progressing favorably.

THE meetings of the San Francisco convention, contrary to expectations, were well attended throughout and a large volume of good work completed in record time.

Belgian Shipments.

It is reported that there is a possibility of arranging shipments from Belgium, conditional that payments are deposited in an English bank. It is hardly probable that shippers will agree to this as the money will not be paid to them until a more favorable period.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address Key 529, care American Florist.

Situation Wanted—By all-round florist, designer; German, single, 25; 10 years' experience; good references; state wages. W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 539, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address Key 524, care American Florist.

Situation Wanted—Experienced salesman and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39.
W. J. HAMILTON,
Sefner, Fla.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Help Wanted—Experienced young saleslady for Chicago loop store. Good wages to right party. Address Key 548, care American Florist.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter.
RUGBY GREENHOUSES,
Rugby, N. D.

Help Wanted—A thoroughly competent and experienced single man to take charge of the greenhouses and landscape work connected with a large hospital for the insane. Can pay the right man \$600 per annum, together with board, room and washing. In making application, go into detail as to qualifications and send copies of letters of recommendation. Address SUPERINTENDENT,
Topeka (Kansas), State Hospital.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210x185 feet and 13,000 feet of glass. The only place in town. For further particulars address Key 523, care American Florist.

Help Wanted—Good all-around foreman to take charge of store and 13,000 feet of glass in Iowa town. Five-room cottage and free fuel. Salary, \$15.00 to \$18.00 per week to start. Also a good all-around single man to take charge of store and 4000 feet of glass in another Iowa town at \$15.00 per week. Owner now in Chicago, ready to make arrangements with responsible parties. For further information call up Harrison 7465 immediately or address special delivery letter to Key 546, care American Florist.

For Sale—Good retail florist store; reasonable; north side, Chicago. Address Key 545, care American Florist, Chicago.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175.00; f. o. b. Dayton, \$125.00, cash. Address MRS. J. C. EWING, R. R. 4,
Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—Small, completely equipped and well stocked nursery in Middle West, short distance from Twin Cities. \$10,000 cash will handle. Address for further particulars Key 540, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

Notice—I want to buy a good retail store in Chicago or suburbs. For further particulars address Key 543, care American Florist.

Wanted—Store fixtures, ribbon and basket cases, ice box, etc., for small store. Oak finish preferred. Must be good and cheap. Send complete description and cash price.
JOHN BANCROFT & SON (Inc.),
Cedar Falls, Iowa.

Wanted to Buy—Retail greenhouses, dwelling, laod. Full particulars price, terms.
Box 248, New Rochelle, N. Y.

Notice, Mr. Florist—After ten years' experimenting I can now protect you against loss, save the 400 to 500% the wholesaler makes off of you on special days, reduce your ice bills one-half, with one of my compartments. Guaranteed to keep cut flowers fresh 20 to 100 days, will fit in any display cabinet, any size from 10 dozen up. Price \$5.00 per dozen; 100 dozen capacity or over, \$3.00 per dozen. Half price on all orders before September 15th. Half down, balance after 30 days trial. Give inside dimensions with order. Each compartment of 10 dozen capacity occupies only 6 cubic feet. Reference, O. E. Amundson (Florist) 469 Hennepin Ave., Minneapolis. Address E. F. WORRALL, 5815 Nicollet Ave.,
Minneapolis Minn

Wanted to Rent, Lease or Buy—From 5,000 to 15,000 feet of glass, near Chicago, preferably west of city. Must be available for immediate occupation. Communications considered confidential. Please state facts only. Address Key 542, care American Florist.

HELP WANTED

A competent, reliable man to take charge of a country suburban place of about 130 acres; must have thorough knowledge of trees, plants, flowers and shrubbery; good recommendation required.

M. C. HEATH, COLUMBIA, S. C.

Foreman Wanted

Good all around man to take charge of 100,000 feet of glass devoted to roses, carnations, chrysanthemums and pot plants.

Sinner Bros., 158 N. Wabash Ave.,
CHICAGO, ILL.

Designer--Decorator--Salesman

Experienced, first-class and up-to date, having been connected with best establishments in the country, is open for engagement. Desires to connect with high class shop, where there is an open for a live wire of high caliber efficiency who can produce results. Address

Key XX, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S Dearborn St., Chicago

ROCHESTER EXPOSITION and FLOWER SHOW

One-Quarter Million
People Visited
Exposition Last Year.

Greatest Permanent
Municipal Exposition
in the Country.

Aug. 30 to Sept. 11

To the Florists.

Come to the Rochester Flower Show; see the new and standard varieties in plants and flowers. You cannot plan a better vacation than to visit the Exposition and see the Flower City. If the florists in New York and other nearby states will give us their support by attending, another year will see almost every prominent Grower as Exhibitor. An annual Mid-Summer Exhibit is needed, where Florists can see the different lines and meet the Growers without traveling the country over.

List of Exhibitors.

J. K. Alexander, East Bridgewater, Mass.
C. Betscher, Canal Dover, O.
John Lewis Childs, Flowerfield, L. I.
Wilbur A. Christy, Warren, O.
N. H. Cottam & Son, Wappingers Falls, N. Y.
Henry A. Dreer, Inc., Philadelphia, Pa.
R. & J. Farquhar & Co., Boston, Mass.
A. E. Kunderd, Goshen, Ind.
Burt Olney Greenhouses, Albion, N. Y.
A. N. Pierson, Inc., Cromwell, Conn.
F. R. Pierson, Tarrytown, N. Y.
Geo. L. Stillman, Westerly, R. I.

and the following Rochester houses:

Edward Brockman	George B. Hart
W. T. Logan	Henry P. Neun
Salter Bros.	F. Schlegel & Sons
Jacob Thomann & Sons	James Vick's Sons
H. E. Wilson	Geo. T. Boucher
J. B. Keller Sons	

To the Growers.

The Exposition and Flower Show opens August 30. There is plenty of time to secure space. Write the Committee the amount required. Prospective Exhibitors will receive every attention, including a good location.

A Declaration.

We hereby declare that our next year's Flower Show will be larger and better, although you will see, by looking over the list of exhibitors, that we are going some this year.

Committee: GEO. B. HART, Chairman, F. J. KELLER, A. H. SALTER, H. E. BATES. C. H. VICK.

Detroit.

TRADE AT LOWEST EBB OF SEASON.

Trade during the past week reached the very lowest ebb of the dull summer season, the monotony not being relieved by the usual call for funeral work to any considerable extent. Aggravating the situation is the constantly increasing influx of the season's field flowers, with more than enough roses for the meager demand. Gladioli and asters lead in the items creating the immense surplus, and the quality of the same is up to the usual standard. Lilies were never before so plentiful on this market in the summer season, and only a fraction of the excessive supply is used and the prices realized are correspondingly low.

CLUB MEETING.

A special meeting of the Detroit Florists' Club was held on the premises of A. J. Stahelin, Redford, Mich., August 11. This meeting was called by President Danzer for the purpose of annulling the annual election held August 2, when barely a quorum was present, and for the purpose of holding an election with a more representative attendance. Twenty-two members answered the call by their presence, and after cancelling the former election, proceeded to ballot for officers for the ensuing year, resulting as follows: Frank Danzer, president; E. A. Fetters, vice-president; Henry Forster, secretary; Robt. Rahaley, treasurer.

Mr. Danzer enters upon his third term as president of the club, while Mr. Rahaley continues the office held by him for many years. Vice-president-elect E. A. Fetters is the well known and very popular retailer, with his main store on Woodward avenue at Clifford, and a branch store and conservatory building on Woodward ave-

nue near Pallistin. The new secretary is the leader of the working force at the Fetters store and is one of the most recently elected members of the club. After the election, the remaining time of the session was given up to the discussion of plans for bringing the club back to its former glory and activities, and to that end it is proposed to have a bowling team and a dinner to precede the club meeting and bowling practice as formerly. Immediately after adjournment Mr. and Mrs. Stahelin served refreshments to the members, after which an inspection of the stock consumed the time before the return trip to the city was made. Of particular interest was the large house of roses planted about the middle of June. This house, 72½ by 400 feet was first used last year for sweet peas and the present venture is Mr. Stahelin's first experience with roses here. The house contains 18,000 roses of the following varieties: Killarneys, Richmond, Aaron Ward, Cecile Brunner, Hoosier Beauty, Bon Silene and Ophelia. Grafted stock is used and all are planted in solid beds with tile drainage, the soil being peculiarly suitable for roses and splendid results are confidently looked for as the plants at present are in good condition and all conditions favorable to them. The eight movable houses here will soon be moved over about 60,000 carnation plants, which are growing outdoors and looking fine. J. F. S.

OSWEGO, N. Y.—Joseph A. Thomas, who has been conducting the greenhouses established by his father, since the latter's death, has resigned from the firm of A. J. Thomas' Sons. Following re-organization the firm will be known as the Thomas Floral Co., with Albert A. Thomas, youngest son of A. J. Thomas as manager.

Kansas City.

DEMAND WEAKENS A TRIFLE.

Market conditions during the past week were not up to the usual standard, and while there was an ample supply of stock to be had, rains had caused some damage to gladioli and asters. Prices have dropped considerably as compared to what the quotations have been for several weeks past. Gladioli and asters are still the leaders in the popular demand, and both are now arriving with long stiff stems and large perfect flowers. They find a ready sale and it is a real pleasure to handle and sell them. The supply of roses is light.

NOTES.

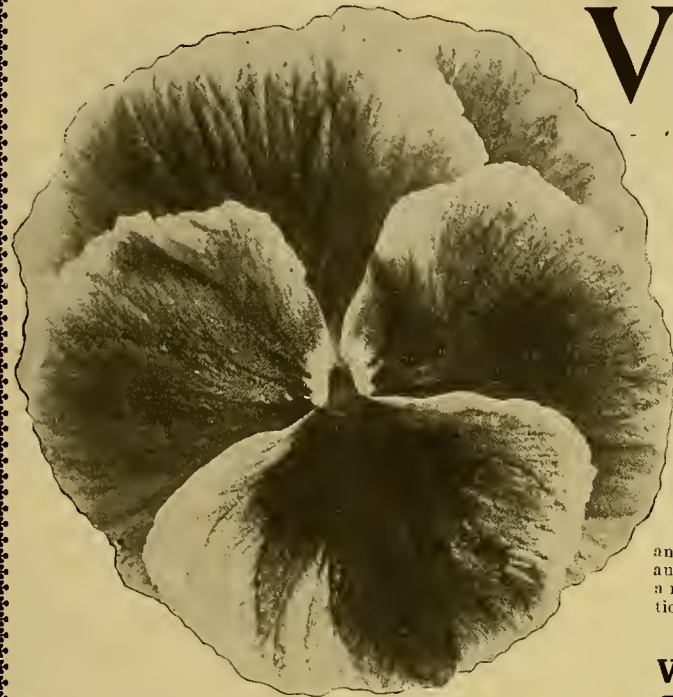
Henry Kusik & Co. report that city business has shown a slight decrease during the past week, but shipping trade is better than usual, and business on the whole is satisfactory. They are handling very fine stock in gladioli, asters and lilies. Business in their supply department is holding up very well.

W. J. Barnes is busy making extensive improvements in his greenhouses which when completed will make his range one of the most up to date in the city. He is cutting good stock in asters and gladioli.

Adolph D. Mohr has some excellent Lorraine and Cincinnati begonias; also poinsettias of equally high quality. He reports stock in general at the greenhouses as being in perfect condition.

W. L. Rock Flower Co. have everything at the greenhouses in A No. 1 condition. The carnations and chrysanthemums are about the best they have ever grown.

A visit to Ed. Humfeld's range shows everything to be in the very best of shape. Some extra good asters were a



Vaughan's Pansy Seed For Florists

All Good Germination
New Stocks Weekly

GIANT MIXED Embraces besides all the separate shades and colors, five special strains not listed elsewhere and which can only be had in this and our International mixture. Trade pkt. 25c; 1/2 oz., 60c; oz., \$4 00; 1/4 lb., \$14.00.

INTERNATIONAL This is one of the specialties which has established the reputation of Vaughan's Flower Seeds and one which we maintain most carefully. To this and our Giant mixture of Pansies we add each year a number of new varieties selected from the collections of the foremost pansy specialists in Europe. Trade pkt., 50c.; 1/2 oz., \$1.50; 1/4 oz., \$5.00; oz., \$10.00.

VAUGHAN'S CUT FLOWER MIXTURE This mixture is put up especially for cut flower growers and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut flower growers, who have realized big returns from the sale of the flowers. Tr. pkt. 50c; 1/2 oz., 85c; 1/4 oz., \$1.50; oz., \$5.00.

Twenty
Years
Constant
Use and
Approval

Vaughan's Named Giants.

	Trade pkt.	1/2 oz.	oz.
Adonis, light blue with a white center.....	\$0.10	\$0.20	\$1.20
Beaconfield, lavender and purple.....	.10	.20	1.20
Bridesmaid, rosy white, dark blotches.....	.15	.30	2.00
Cardinal, brightest red.....	.15	.30	2.00
Emperor Francis Joseph, pure white with violet blue blotch on each petal.....	.25	.50	.....
Emperor William, dark navy blue.....	.10	.20	1.20
Mad. Perret, lovely shades of pink and rose.....	.10	.20	1.25
Marechal Niel, delicate cream color.....	.10	.25	1.60
Mauve Queen, mauve.....	.10	.25	2.00
Masterpiece—New Giant Curled or Spencer, superb red and brown shades.....	.15	.30	2.00
Orchid-Flowered, the ground color is light, the petals marked with golden yellow blotches veined toward edges.....	.15	.25	1.75
Orchid Mammoth, light greenish yellow ground, purple blotches.....	.25	.50	3.00
Parisian Striped, stripes are broad and distinct.....	.10	.20	1.50
President Carnot, five blotched white.....	.15	.30	2.00
President McKinley, five blotched yellow.....	.15	.30	2.00
Victoria, claret red.....	.15	.25	2.00
Volcano, red, large dark blotch.....	.15	.35	2.50

40 Other Standard and Rare Named Sorts.

Ask for Mid-Summer List of Flower Seeds and Bulbs

OTHER SPECIAL MIXTURES

	Trade pkt.	1/2 oz.	oz.
Trimardeau, Standard Mixture, all colors.....	Lb., \$12.00	\$0.10	\$0.20 \$1.00
Paris Market, improved Trimardeau, all colors.....	Lb., \$16.00	10	20 1.25
Cassier, French, 3 and 5 spotted, Al Strain.....		15	25 1.50
Bugnot, thickest petaled and most velvety of all French Giants introduced by us in America, seed costing us \$30.00 per oz.....		15	30 2.00
Orchid, Superba, of best selection, blotched and veined type.....		25	50 3.00
Orchid Regular Mixed.....		15	25 1.75

Solid Colored Giants.

	Trade pkt.	1/2 oz.	oz.
Black, giant lusterless.....	\$0 10	\$0.25	\$1.50
Indigo King, deepest purple.....	10	25	1.50
Pink, hydrangea shade.....	15	30	2.50
Blue, violet.....	10	25	1.40
White, giant, violet eye.....	Lb., \$14.00	10	20 1.25
White, Aurora, pure.....		10	20 1.20
Yellow, giant, dark eye.....	Lb., \$14.00	10	20 1.25
Yellow, Golden Queen, pure.....		10	25 1.50
Purple, giant, deep.....		10	25 1.50

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St.

NEW YORK, 43 Barclay St.

noteworthy feature at his establishment.

At the Rosery, Ed. Ellsworth reports everything, especially poinsettias, in splendid condition. About 10,000 especially fine plants were noted here.

Mrs. T. A. Mosely not only reports business better than is usually the case at this season of the year, but predicts fall business beyond expectations.

S. Bryson Ayres is cutting exceptionally fine asters in all colors. His gladioli are still plentiful and he is kept busy filling orders.

Wm. Foith has his greenhouse stock in good shape. Everything at this range looks clean and healthy, especially the carnations.

M. Hepting has his stock in excellent shape, carnation plants especially, showing fine condition.

E. J. B.

Ft. Wayne, Ind.

TRADE CONDITIONS UNSATISFACTORY.

Weather conditions during the past two weeks have been extremely unfavorable for business. Rain has fallen in torrents nearly every day, and business has been almost at a standstill. There have been no funerals of note lately and few weddings. Pre-nuptial parties, feteing the September brides have occasioned a demand for table decorations and house decorations. There is a limited supply of stock at present. Gladioli in the various colors are making the best showing. Asters come next, and are of really good quality, with long stems and good-sized blooms. At the growers' quarters everything is spic and span and in readiness for the fall trade. Most of the greenhouse ranges in the vicinity have been overhauled and all the young

stock is planted and has obtained a fair growth.

NOTES.

A motor party to Toledo and Detroit, Michigan, last week was composed of Mr. and Mrs. Aaron Shive, Miss C. B. Flick, Mr. and Mrs. Richard Blossom and Miss Marguerite Flick. The trade was visited in both places, and stops were also made at Defiance, O., and Napoleon, O.

The New Haven Floral Company's houses at New Haven, Ind., are making a splendid showing in the young stock. The carnation plants are being put in at present. This company makes a specialty of fine carnation blooms.

J. F. Knecht and family motored to Detroit recently, and called on the wholesale houses particularly.

Visitor: Representative of the McCray Refrigerator Co., Kendallville, Ind. H. K.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--GLADIOLI--ASTERS--BEAUTIES

Yellow Mums--Gardenias--White Dendrobiums

CURRENT PRICE LIST.

American Beauties

Per Doz.

Specials, 48-60 in.....\$3.00

36 in..... 2.50

30 in..... 2.00

24 in., young stock..... 1.50

Mrs. Chas. Russell

40-48 in., per 100..... \$15.00

30-36 in., " 12.00

20-24 in., " \$8.00 to 10.00

Shorter, " \$3.00, \$4.00, \$6.00

Hoosier Beauty

Per 100

HADLEY } Long....\$8.00 to \$10.00

OPHELIA } Med. ... 4.00 to 6.00

SUNBURST } Short ... 3.00

BRILLIANT }

Francis Scott Key..... 6.00 to 12.00

MILADY } Per 100

RICHMOND } Extra long.....\$8.00

BULGARIA } Long..... 6.00

AARON WARD } Medium..\$4.00 to 5.00

KILLARNEY } Short....\$2.00 to 3.00

WHITE KILLARNEY }

KILLARNEY QUEEN }

CECILE BRUNNER, also called Sweetheart

Roses per 100, \$2.00

FLOWERS FOR TRIMMING

Assorted lots..... \$1.00 and up

MISCELLANEOUS

Golden Glow Mums per doz., \$2.00 to \$3.00

Asters, short and medium Per 100 2.00 to \$3.00

Fancy indoor grown, extra long.. \$6.00

Daisies, Shasta 1.00

Gladioli..... 3.00 to 4.00

Gaillardias..... .75 to 1.00

Gypsophila, per bunch... .50

Smilax,.....doz. \$2.00

Plumosus and Sprengerl..... 2.00 to 3.00

Adiantum..... 1.00

Galax, per 1000..... \$1.25 .20

CATLEYAS

Per Doz.....

GARDENIAS

Per doz

DENDROBIUMS

Per Doz

EASTER LILIES

Per 100

LILY OF THE VALLEY

Fancy, per 100.....

CARNATIONS

Medium, per 100.....

FERNS, NEW CROPS

Per 1000

Per 100.....

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock.

Florists' Supplies

ANDERSEN'S DAYLITE CLEANER

The cost of cleaning greenhouse glass is about one-fifth of a cent per square foot. One gallon will clean from 400 to 600 square feet.



Per gallon

25 to 50 gals. - - -

5 to 25 gals. - - -

Less than 5 gals. - - -

F. O B CHICAGO

Accept No Imitations

N BROS. CO.

Distance Phone, **CHICAGO, ILL.**
 Randolph 35.

CHRYSANTHEMUM PLANTS

Special Clean-Up Price on the Following Varieties—\$18.00 per 1000

	WHITE	
	2½-inch per 100	1000
apworth, late.....	\$3 00	\$18 00
r Frost, late.....	3 00	18 00
hadwick, late.....	3 00	18 00
y Eaton, late.....	3 00	18 00
midseason.....	3 00	18 00
alomon, midseason.....	3 00	18 00
a Poehlmann, midseason.....	3 00	18 00
BRONZE		
Cahn, late.....	3 00	18 00
RED		
pton, late.....	3 00	18 00

	PINK	
	2½-inch per 100	1000
McNiece, early.....	\$3 00	\$18 00
Enguehard, late.....	3 00	18 00
Maud Deap, late.....	3 00	18 00
R. E. Loeben, late.....	3 00	18 00
Patty, late.....	3 00	18 00
Wells' Late Pink.....	3 00	18 00
Chieftain, midseason.....	3 00	18 00
YELLOW		
Golden Glow, early.....	\$3 00	\$18 00
Yellow Salomon, midseason.....	3 00	18 00
Yellow Eaton, late.....	3 00	18 00
Chrysolora, midseason.....	3 00	18 00

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Miss Marvella French, late white.....	\$3 00	\$70 00
Miss Pauline Anderson, late yellow..	4 00	35 00

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

PONS, Extra Fine 2½-inch Stock in the Best Standard Varieties Only, \$3 per 100; \$25 per 1000.

	Per 100	Per 1000
arge early yellow.....	\$3 00	\$25 00
early bronze.....	3 00	25 00
by, late yellow.....	3 00	25 00
ke, late yellow.....	3 00	25 00

	Per 100	Per 1000
Mike Gabel, early yellow.....	\$3 00	\$25 00
Baby, small late yellow.....	3 00	25 00
La Gravere, late red.....	3 00	25 00
Quinola, late yellow.....	3 00	25 00

	Per 100	Per 1000
Lillian Doty, large late pink.....	\$3 00	\$25 00
Parkinson, late single yellow.....	3 00	25 00
Mensa, large late single white.....	3 00	25 00

Grand Clean-Up Price on Rose Plants

	Per 1000
GRAFTED, 3½-inch Stock.	
dley, fine.....	\$140.00
lgaria, fine.....	140 00
cite Brunner, fine.....	140 00
OWN ROOT, 3½-inch Stock.	
, 475 large; 1700 small.....	\$90 00
, 190 large; 1700 small.....	90 00
Brunner, 100 good.....	90 00

	Per 1000
OWN ROOT, 3½-inch Stock.	
Bulgaria, 137 good.....	90 00
Prince d'Arenbe, g, 190 good.....	90 00
GRAFTED, 2½-inch Stock.	
Killarney Brilliant, 575 good.....	\$80.00
Hoesier Beauty, 100 good.....	\$20.00
Hadley, 1900 large.....	80 00
Bulgaria, 600 large.....	80 00
Russell, 6665 small.....	90 00

	Per 1000
OWN ROOT, 2½-inch Stock.	
White Killarney, 275 medium.....	\$40.00
Milady, 300 large; 1800 small.....	40 00
Bulgaria, 700 good.....	40 00
GRAFTED, 4½-inch Stock.	
Bulgaria, 2000 extra fine.....	\$120.00

Field-Grown Carnation Plants--All Quality

	Per 100	Per 1000
White Perfection.....	\$6 00	\$55 00
Enchantress.....	6 00	55 00

	Per 100	Per 1000
10,000 Philadelphia.....	\$6 00	\$55 00
3,000 Beacon.....	6 00	55 00

	Per 100	Per 1000
10,000 Champion.....	\$6 00	\$55 00

PALMS

WESTERN HEADQUARTERS.
 STRONG, CLEAN AND HEALTHY STOCK.
 Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS

Kentia Belmoreana			
Single Plants			
pots, 5 to 6 leaves, 18 in. high		Each	
	\$4.50 per dozen.	\$0.40	
pots, 6 to 7 leaves, 24 in. high		1.00	
pots, 6 to 7 leaves, 28 to 30 in. high		1.50	
pots, 6 to 7 leaves, 32 to 34 in. high		2.00	
pots, 6 to 7 leaves, 36 in. high		3.00	
tubs, 6 to 7 leaves, 38 in. high		3.50	
tubs, 6 to 7 leaves, 48 in. high		5.00	
tubs, 6 to 7 leaves, 58 to 64 in. high		7.50	
Specimens, \$15.00 to \$50.00.			
Kentia Belmoreana			
Made-up Plants			
ots 3 plants in a pot 24 in. high		\$1.50	
ots 3 plants in a pot 38 in. high		3.50	
Specimens, very heavy, \$10.00 to \$12.00.			
Kentia Forsteriana			
Single Plants			
pots, 5 to 6 leaves, 18 to 20 in. high		\$0.40	
\$4.50 per dozen.			
pots, 5 to 6 leaves, 28 to 30 in. high		1.00	

Kentia Forsteriana			
Made-up Plants			
		Each	
6 inch pots, 6 to 7 leaves, 34 to 36 in. high		1.50	
6 inch pots, 6 to 7 leaves, 38 to 42 in. high		2.00	
6 inch pots, 6 to 7 leaves, 44 to 46 in. high		2.25	
8 inch tubs, 6 to 7 leaves, 46 to 48 in. high		3.50	
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high		5.00	
8 inch tubs, 6 to 7 leaves, 5 ft. high		6.00	
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy		8.00	
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high		10.00	
Kentia Forsteriana			
Made-up Plants			
6 inch pots, 3 plants in a pot, 24 to 26 in. high		\$1.25	
7 inch pots, 3 plants in a pot, 28 to 30 in. high		2.00	
7 inch pots, 3 plants in a pot, 36 to 38 in. high		2.50	
7 inch tubs, 4 plants in a tub, 38 to 40 in. high		3.00	
8 inch tubs, 4 plants in a tub, 38 to 44 in. high		3.50	
8 inch tubs, 4 plants in a tub, 50 in. high		5.00	
8 inch tubs, 4 plants in a tub, 56 to 58 in. high		6.00	
10 inch tubs, 4 plants in a tub, 5 ft. high		8.00	
12 inch tubs, 4 plants in a tub, 5 to 5½ ft. high		10.00	
12 inch tubs, 4 plants in a tub, 6 ft. high		12.00	
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Phoenix Roebelenii	
4 inch pots, nicely characterized.....	Each \$0.50
7 inch pots, 22 in. high, 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7 00
Areca Lutescens	
6 inch pots, 3 plants in a pot.....	1.00
7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00
Aspidistra Lurida	
Green, 5 inch pots, 10 to 12 leaves.....	1.00
Varietsted, 5 inch pots, 10 to 12 leaves.....	1.50
Dracaena Massangeana	
5 inch pots.....	.75
6 inch pots.....	\$1.00 to 1.25

FERNS.			
Boston, Roosevelt and Whitmani			
Each	100	Each	100
pot...\$0.25	\$23.00	8 inch pots,	\$1.00
pot... .50	45.00	10 inch pot..	\$2.50
pot... .75		12 inch pot..	3.00 to 3.50
CROTONS.			
Very Fine Colored Stock			
pot.....	\$0.25	\$23.00	
pot.....	.35	30.00	
pot.....	.50	45.00	
pot, strong.....	.75	70.00	
pot.....	\$1.00 to	1.50	
BEGONIA CHATELAINE.			
pot.....	\$15.00	per 100	

CYPERUS ALTERNIFOLIUS.				
Umbrella Plant				
4-inch pot.....				\$8.00 per 100
ARAUCARIA EXCELSA				
40c	50c	60c	75c	\$1 00 \$1 50
ARAUCARIA ROBUSTA COMPACTA				
\$1.00	\$1.50	\$2.00	\$2.50	\$3.50
PANDANUS VEITCHII.				
Highly Colored Stock				
4 inch pot...\$0.35	\$30.00	6 inch pot, strong...\$1.00		
5-inch pot... .50	45.00	7-inch pot..... 1.50		
6-inch pot... .75		8-inch pot..... 2.00		

CYCLAMEN. Best German Strain.	
3-inch pot.....	\$ 8.00 per 100
4-inch pot.....	15.00 per 100
4-inch pot, select.....	20.00 per 100
Seedlings from Flats.....	3.50 per 100
SMILAX	
2¼-inch pot.....	\$2.50 per 100; \$23.00 per 1000
3-inch pot.....	4.50 per 100; 43.00 per 1000
CALADIUMS, Fancy Leaved.	
5 and 6 in. pots.....	.25c, 35c, 50c, 75c and \$1.00 each
ASPARAGUS PLUMOSUS	
2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

Fancy Lilies, in lots of 50 or more at the rate of \$5.00 per 100.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$2.50
30 in. stems.....		2.00
18-24 in. stems, New Beauties.....	\$1.00 to	1.50
Shorter lengths.....	per 100,	\$3.00 to \$6.00

Russell		Per 100
Specials.....		\$12.00
Extra long.....	\$8.00 to	10.00
Good medium.....		6.00
Short.....		4.00

Sunburst, Ophella, Rhea Reid, Bulgarie and Shawyer		Per 100
Extra long.....		\$6.00
Medium.....	4.00 to	5.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00
Medium.....	\$4.00 to	5.00
Short.....		3.00

Cecile Brunner.....	per bunch,	25c
Choice EASTER LILIES.....	75c per doz.	5.00
LILY OF THE VALLEY.....		4.00
ASPARAGUS SPRAYS and SPRENGERI.....	2.00 to	3.00
FERNS, new Wisconsin.....	1000,	\$1.50
ADIANTUM.....		1.00
GALAX, bronze and green.....	per 1000,	\$1.00

ROSES in lots of 300 or more at the rate of \$20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.
Greenhouses; Hinsdale, Ill., and Gregg Station, Ill.

Chicago.

ROSES CLEAN UP WELL.

There is no great change in the market conditions since last week, and stock of all kinds is plentiful, with the exception of roses, orchids and lily of the valley. American Beauty roses are in good demand and stock under 24 inches in length is scarce and is bringing almost as good prices as the longer stemmed flowers. Some choice Mrs. Chas. Russell roses are being offered, and while the receipts of this variety are quite heavy they are cleaning up well at good summer prices, and the same holds good for all the other roses. Orchids are none too plentiful, nor is lily of the valley. Gardenias are in larger supply and the receipts of dahlias have increased considerably. Gladioli are in mammoth supply and choice stock is being offered in large quantities at ridiculously low prices, which has a tendency to hold the prices on other stock down. Asters are in good supply and some especially fine indoor-grown stock is obtainable and is bringing good prices. Chrysanthemums are more plentiful this week than they were last, but Golden Glow, of course, is the only variety being offered. Outdoor stock of all kinds is seen in large quantities and is selling in large lots at bargain prices, especially daisies, gaillardias and gypsophila. Greens of all kinds are in large supply and some very choice ferns are being offered. Carnations are plentiful, but have sold at better prices the past week than they have for some time, but at that they are not bringing the prices that they should.

NOTES.

C. L. Washburn, with Bassett & Washburn, and wife have returned from a most enjoyable visit in California and speak in glowing terms of both the Panama-Pacific and San Di-



Allie J. Zech.

New Manager at Zech & Mann's Store.

ego expositions. He had occasion to visit the site of the Panama-Pacific exposition on one of his previous visits and was surprised to see such a wonderful change in so short a time, when in less than three years 645 acres of salt marsh were transformed into a place of beauty by the engineer and the two landscape artists, John McLaren and his son Donald McLaren. The same holds good for the San Diego exposition and he says that neither one of the shows would be complete without the horticultural exhibits. Mr.

CUT FLOWERS

Everything Seasonable
ROSES-CARNATIONS-GLADIOLI-ETC.
ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Washburn had the pleasure of meeting G. A. Davidson, president of the San Diego exposition, who told him that he is just beginning to appreciate what the horticultural exhibits mean to the fair and agrees with the genial wholesaler that it is one of the greatest advertisements that the trade could ever have. Mr. Washburn would have liked to remain for the S. A. F. convention, but returned home to meet his business partner, O. P. Bassett, and wife, who have just reached here from Pasadena, Calif., in their Packard automobile. Mr. Bassett's many friends in the trade are pleased to hear that he is in good health and that they arrived safely.

Allie J. Zech, who was appointed manager at Zech & Mann's store, after the death of his father, the late John Zech, is no stranger to the trade, although many are not aware of the fact that he is in charge. He started to work in the wholesale cut flower market May 11, 1898, at J. A. Bnd-long's store, and was with Vaughan & Sperry for a long time. In 1905 he started to work for Zech & Mann when they opened and had charge of the shipping trade. Mr. Zech is thirty-two years of age and is thoroughly experienced in the wholesale commission business and will give the firm's customers the same honest treatment in the future that they have received in the past.

Harry Manheim has returned from his vacation and is again attending to his duties at Hoerber Bros.' store.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE **CHICAGO**
CENTRAL 2846.
HEAVY SUPPLY

KILLARNEY BRILLIANT ROSES

Also choice American Beauty, Russell, Ophella, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

Richmond.....
Killarney.....
White Killarney ...
Killarney Brilliant
My Maryland.....
Sunburst.....
Milady.....
Ophella.....

	Per 100
Extra select.....	\$7 00
Select.....	6 00
Medium.....	5 00
Short.....	\$3 00 to 4 00

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short.....	50

Per 100

ROSES, our selection..... \$3.00

Asters.....	\$ 1 00 to \$ 3 00
Carnations.....	1.00 to 3.00
Harrisil.....	10 00 to 12 50
Gladioli.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$2 00 25

2,000,000 Feet of Modern Glass

Poehlmann Bros. Co. is cutting a good supply of Golden Glow chrysanthemums which are in good demand at the store and clean up nicely each day. This firm is continuing to have a brisk demand for chrysanthemums, pompons, rose and carnation plants and every mail brings in new orders. The palm department is also having a busy season, but has plenty of stock on hand to fill all the orders that may arrive. Miss Burkhart has returned from her vacation and is again assisting T. E. Waters in the supply department, which is busy mailing its new catalog.

Peter Reinberg has booked an exceedingly large number of orders for field grown carnation plants, according to Felix Reichling, since their page advertisement appeared in the Convention Number of THE AMERICAN FLORIST last week, and nearly every mail is bringing in new ones. This house is cutting a large number of asters from its own field and the receipts of asparagus plumosus nanus from the greenhouses are quite heavy.

James J. Shields has returned after a two months' vacation on the Pacific coast. He says California has never been more beautiful than at the time of his visit and speaks in glowing terms of both the Panama-Pacific and the San Diego expositions. He regrets not being able to remain for the S. A. F. convention, but will make another trip about September 5, and will remain on the coast until December 1.

Wietor Brothers are all through planting their carnations and everything is in splendid shape at the greenhouses and the proprietors are ready for another busy season. N. J. Wietor says that orders are numerous for field grown carnation plants this week and while they have a large supply still on hand, he is confident that every one of them will be sold as usual before the season closes.

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST

ANY QUANTITY

LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

J. A. Budlong is receiving large shipments of choice roses now, among which quite a number of Double White Killarney is particularly noticeable. William Homberg and Fred Price, two of Budlong's baseball fans, are already picking the White Sox as the winners in the city series, that is, providing the Cubs do not cop the pennant in the National league. Oh, you White Sox!

A. L. Vaughan & Co. have had a good week and are offering a fine line of stock of all kinds, particularly American Beauty roses. The receipts of gladioli at this house are extraordinarily large and are moving as nicely as can be expected, considering the unusually large supply of this stock that is reaching the market now.

F. Simons of the Percy Jones store force was on the sick list for several days this week, but is able to be about again. Luke Schrer is back from his vacation and is again on duty at the store. Manager Van Gelder has more employes on Percy Jones' payroll right now than ever before and every one of them manages to keep busy.

James Friedl, the enterprising florist at 3538 West Twenty-sixth street, and wife have returned from a week's outing at Fox Lake, making the trip by auto with a party of twenty friends. They had a splendid time and deserved a vacation after the strict attention they have paid to business the past season.

G. Hampton, representing Jos. G. Neidinger, Philadelphia, Pa., called on trade here this week. He had quite an exhibit at the Palmer House, which was inspected by a large number of the local florists.

A. T. Pyfer & Co. are pleasing their customers with a fancy grade of Mrs. Chas. Russell roses from the Pyfer & Olsom greenhouses at Wilmette.

H. E. Philpott left for Winnipeg, Can., August 15, stopping off at Milwaukee, Wis., for a short visit.

L. D. McNeff, with McNeff-Swenson Co., is back from a successful business trip in the east.

J. Pappas, with the Alpha Floral Co., Des Moines, Ia., is here on a business trip.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

The visiting florists to the San Francisco convention were entertained here Thursday, August 12, by a committee representing the Chicago Florists' Club and headed by President Keimel, H. N. Bruns, E. F. Kurowski, Guy W. French and James Morton. The party consisted of F. L. Morris, Bloomington, Ind.; John Riemann and John Hartje, Indianapolis, Ind.; W. A. Kennedy and wife, Milwaukee, Wis.; R. Vincent, Jr., and wife, White Marsh, Md.; Wm. F. Gude, wife and daughters Amelia and Louise, C. Schellhorn and wife and Theodore Dietrich, Washington, D. C., and Benjamin Hammond, Beacon, N. Y. After an automobile ride through the principal parks and boulevards in the city the visitors were entertained at dinner at the Bismarck Garden on the north side. All the above mentioned parties attended the banquet and others seated at the tables were Fred. Lautenschlager, Mrs. Guy W. French, H. E. Bruns, Walter Rupp, Leonard Vaughan, George Sykes, G. W. Brown, Geo. Sykes, Jr., Arnold Ringier, E. A. Ollinger, Phil. Foley, Phil. Foley, Jr.; J. A. Cairns, Philadelphia, Pa., and C. D. Mueller, Columbus, Mo. Quite a number of people in the trade saw the party off on the official train, which left the Northwestern depot that same evening at 10 o'clock, and those who made the trip to California and were unable to attend the dinner were Frank Windler and John Carter, St. Louis, Mo.; Robert Pyle, West Grove, Pa.; J. A. Peterson and wife, Cincinnati, O.; Robert Simpson, wife and daughter Lillian, Clifton, N. J.; L. M. Kreske and Miss Kreske, Cincinnati, O. Those who left for San Francisco on the special train from this vicinity were W. J. Keimel, Elmhurst, Tom McAllister, Miss Martha C. Gunterberg, Emil Reichling, Arthur Weber, Rudolph Schiele, M. Barker and W. J. O'Carroll.

A party representing himself to be W. Scoch and an employe of A. Lange, signed several tickets for that house in the wholesale market this week, under that name, and at the same time accepting the flowers that the regular buyer had ordered, is wanted by the police. The theft of the flowers was discovered when the regular pick-up man called for the goods and it was then learned that the first party was an impostor. The dealers should be on lookout in the future for this trick has been worked several times during the past year and no doubt will be tried again and probably by the same party who seems to be pretty well acquainted with the market and knows just when to call.

The Lorain Avenue Greenhouse Co., a new corporation of West Park, O., a suburb of Cleveland, has placed an order with the John C. Moninger Co., for eight greenhouses 30x300 feet, of the new style, "bolted thru" construction. The plant will also be equipped with a modern fireproof boiler and packing room. Chas. C. Christensen, of Rocky River, is president of the new firm and H. M. Bemer represented the Moninger Co. in the transaction.

John C. Schubert is reported to be quite ill at the Kenilworth Sanitarium. He was a brother-in-law of the late

SUMMER

ROSES

Large supply of choice stock in all the leading varieties including Mrs. Chas. Russell and Ophelia.

EVERYTHING ELSE IN CUT FLOWERS AND GREENS

Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

M. F. Gallagher and succeeded him in business at the well known Gallagher stand at Wabash avenue and Monroe street where John Mangel was located up to the time he moved into the Palmer house.

R. E. Blackshaw and W. W. Randall are back from a business trip to London, Ont., where they represented the A. L. Randall Co. at the eighteenth annual convention of the Canadian Horticultural Association, August 3-5.

Emil Jehlik, 1825 South Ashland avenue, and wife will leave for San Francisco, Calif. this week to take in the sights at the Panama-Pacific exposition. He has just bought a new six-cylinder Overland touring car.

Miller & Musser are handling a nice supply of stock of all kinds and have made arrangements with several chrysanthemum growers to handle their entire cut this season.

George Wagner and wife write from Tijuana, Mexico, that they are having a lovely time and that the flowers, palms and orange groves are a wonderful sight to see.

Joe Papacek, who was formerly in business on west Twenty-sixth street, has the sympathy of the trade in the loss of his brother, whose death occurred this week.

A. C. Kohlbrand, of the E. C. Amling Co., and family are back from a pleasant visit with friends and relatives at Cincinnati, O., and Covington, Ky.

B. Juergens and son Walter of Peoria were in the city this week on their way east, where stops will be made at all the principal cities.

Miss Florence Scriven, of the Chicago Flower Growers' Association, is making an automobile tour of the New England states with relatives.

Jens Jensen, the landscape architect, made a trip to Detroit last week where he is improving the grounds of Henry Ford.

Richard Parker, representing Pochlmann Bros. Co., has returned from a business trip through Wisconsin.

Henry Arnold, with O. A. Tonner, is back from a delightful visit at Eagle River and Rhinelander, Wis.

D. E. Freres is giving his wholesale store a new coat of paint this week.

Miss Catherine Kidder, of the Ionia Pottery Co., Ionia, Mich., is the guest of Fred Longren and wife.

J. Russell, of Terra Haute, Ind., is the guest of his brother-in-law, Chas. Erne, of Erne & Klingel.

At Kennicott Bros. Co.'s store a new entrance is being built to conform with the new city ordinance.

Eddie Hauswirth, Archie Spencer's right hand man, is enjoying a well earned vacation.

Miss Nelda Wolf is back from her vacation and is again on duty at Zech & Mann's store.

Miss O'Neil, bookkeeper for George Reinberg, is enjoying a two weeks' vacation.

Miss Agatha Greely is now acting as correspondent for the John Kruchten Co.

Vaughan's Seed Store is making Pacific coast deliveries of *Lilium formosum*.

Miss Carrie Zech is still confined to the Presbyterian Hospital with neuritis.

Visitors: John Reardon, Ames, Ia.; Walter Coles, Jr., Kokomo, Ind.; J. J. Karins, representing Henry A. Dreer, Inc., Philadelphia, Pa.; Mrs. J. W. Begbie, Shreveport, La.; Miss Bettie Carlson, with Mullanphy Florists, St. Louis, Mo.; Miss Rose McNamara, Omaha, Neb.

Los Angeles.

Charles Gutting, proprietor of the Superior Nursery, is with the crowd at San Francisco. In addition to the convention work and the exposition, Mr. Gutting who is a bowler of some repute will enter into the games to be played there following the convention. He left the nursery in good shape, with particular stress upon the ferns. Mrs. Gutting, who is the right hand man, is taking care of the business during his absence.

Perhaps one of the most amusing papers read at the California Association of Nurserymen's meeting at San Francisco was the one entitled "The Crime of Being a Nurseryman," by Mr. W. D. Somerville, sales manager for Howard & Smith, of this city.

H. S. K.

Beauties--Roses

LILIES--GLADIOLI--ASTERS
CARNATIONS--VALLEY--ORCHIDS

Finest Obtainable—Order Here.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
" 2572
Auto. 48-734

Chicago

Minneapolis, Minn.

DECORATIONS KEEP TRADE BUSY.

Business the past week has been very satisfactory. There has been an abundance of orders for funeral work, evenly distributed, and most of the florists have been busy. The opening of the theatres and several large decorations, one of which is occasioned by the opening of the new Minneapolis Athletic club, with its 14 floors, will give trade an impetus during the coming week. W. D. Desmond, of L. S. Donaldson Co., is in charge of the athletic club decoration, which will be the most elaborate plant and flower decoration ever seen in this city. Carnations are getting scarce and roses are none too plentiful. Asters and sweet peas are seen in quantity, and gladioli are arriving in such numbers that some of them find their finish in the barrel.

NOTES.

Mrs. W. D. Desmond and party met the florists' convention train at Omaha. She will attend the S. A. F. convention and visit a number of points of interest on the Coast before returning home.

Theo. Wirth left for the S. A. F. convention at San Francisco last week, accompanying the delegation of park superintendents who visited this city en route.

Will Bros. have thrown out their carnations, after one of the best seasons in the history of the firm, both in quality of the blooms and quantity produced.

A. A. Villas, the Sunshine Florist, was married August 11 to Miss Emily Opperand at the home of the bride's parents.
T. C. R.

St. Louis.

We have had warm weather, with a full supply of everything. The prices on gladioli, which had stiffened, were again lowered by heavy shipments from Chicago. Carnations are poor and do not keep, the field grown holding up best. Asters and single tuberose are coming in freely. The rose stock consists chiefly in Pink Killarneys and Wards. There is fairly good demand for good American Beauty roses and Mrs. Chas. Russell.

NOTES.

The florists' club meeting was largely attended at Joe Hauser's place. The following officers were re-elected: Jules Bourdet, president; N. S. Wells, vice-

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

president; Wm. C. Smith, treasurer; J. J. Beneke, secretary; Walter Rowe, Frank Windler, acting trustees. W. W. Ohweiler was elected trustee for three years, together with the other two above named. A letter from Mrs. M. M. Ayres was read which announced her resignation. It was accepted and Fred Ammann made a motion that Mrs. Ayres be made an honorary member, which was carried. A vote of thanks was given to Mr. and Mrs. Hauser for their hospitality. Refreshments were provided. The September meeting will take place at Weber's Nursery, September 10.

A meeting of the wholesalers was held at C. A. Kuehn's store, where it was decided that on and after September 15 the wholesale houses would close every evening at six o'clock, including Saturday, and would remain closed Sundays all winter.

John Nyflot has completed three houses, one for calla lilies, one for chrysanthemums and one for bedding stock; also new heating apparatus.

Al. Gumz is in full charge at the Windler Wholesale Floral Co., Frank Windler having gone to the S. A. F. convention.

\$28.65, New York and Return.

The Wabash Road is selling round trip tickets from Chicago as above with return limit of thirty days. Corresponding fares to many other points. Write for Wabash Summer Tour Book with full details. F. H. Tristram, Asst. General Passenger Agent, 68 West Adams St., Chicago.

E. L. Rogers is still busy with orders and can not catch up at present to lay in stock.

George Wagner, of Grimm & Gorly, has left for San Francisco.

The ladies at Mullanphy's are now taking their vacations. W. F.

ABERDEEN, S. D.—E. C. Siebrecht, florist, of Winona, Minn., is contemplating opening a flower shop in this city.

CHATTANOOGA, TENN.—The Chattanooga Floral Co., with a city store on East Main street, and greenhouses at St. Elmo, has filed a petition of voluntary bankruptcy. The liabilities are \$2,435.66 and assets, \$4,200. The greenhouses are scheduled as valued at \$2,300.

Anything and everything that the market affords in Cut Flowers and Greens.

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Washington,

The market is still crowded with stock (such as it is) and much of it has to be thrown away. Carnations are in short supply and are poor in quality. Asters and gladioli are on hand in immense quantities—in fact, form the bulk of the stock in the stores, and meet the eye at every turn.

NOTES.

E. R. Soundersbury, an employe of the botanic garden, met with a severe accident last week while driving one of the garden wagons. He is laid up in a local hospital, but from latest reports is getting along as well as can be expected.

Mrs. G. Suppin, saleslady for Gude Bros., left for her vacation last week and will visit New York and vicinity. She will be away about a month. W. Halle of the same firm is enjoying a needed rest in the country.

Miss Louise Daugherty, bookkeeper for Geo. C. Shaffer, is enjoying her vacation cruising along the Atlantic coast, aboard one of the finest yachts in these waters. They say Louise is "some sailor". Yes?

Superintendent George Hess, of the United States botanic garden, has returned after a visit with Senator Broussard of Louisiana. He is looking his best and says he had the best vacation ever.

Elmer Maybury, manager of the Dupont Floral Co., is having the store repainted and brightened up preparatory to the opening of the fall business.

J. H. Van Zant, bookkeeper at the botanic garden, is spending his vacation in Tennessee.

Visitor: W. W. Woodruff, Lowgap, N. C. G. C. D.

Tri-City Florists' Club.

The members of the Tri-City Florists' Club met in regular session at R. M. C. Rohl's Alta Vista Nurseries, August 12. A walk over the grounds proved very interesting and showed everything to be in splendid condition, and the marked improvement over a year ago showed the owner to be a progressive member. The meeting was called to order by President Harry Bills and in addition to general routine business the picnic committee presented their report, which was on motion approved and the committee consisting of Wm. Knees, Jr., A. Anderson, G. Garsen, J. Hanssen and J. Staack, were extended a vote of thanks for the very satisfactory way in which the outing arrangements were carried out. A vote of thanks was also given to Ludwig Staap for furnishing the excellent music which was a feature of the day. Ex-President John Staack was appointed a committee of one to attend the meeting of the Illinois State Florists' Association at Peoria, August 31, with a

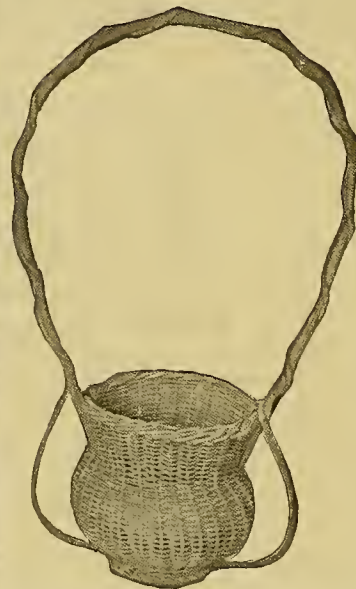
BASKET BARGAIN

ASSORTMENT

25

Small Cut Flower Baskets
Including Liners

\$7.50



This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Aimitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

view of having the next meeting of the association held either at Rock Island or Moline. Wm. Knees, Sr., made a suggestion that the club members and their wives take an auto trip to the caves at Maquoketa, a round trip of about 100 miles, in the near future, possibly August 24. Wm. Knees, Sr., L. Staap and H. Bills were named as a committee to make arrangements.

The next meeting of the club will be held in Rock Island Thursday, September 9, the place of meeting to be announced later by Vice-president Ed. Patton. After enjoying refreshments and tendering a vote of thanks to the host and hostess for their hospitality, the meeting adjourned.

Wm. Goos, Sec'y.

Nassau County Horticultural Society.

The monthly meeting of the Nassau County Horticultural Society was held at Pembroke hall, Glen Cove, August 11, President Ernest Westlake in the chair. L. Hitchman, Manhasset, and H. Gibson, Oyster Bay, were elected to active membership. H. Gaut, J. McCarthy and V. Cleves were appointed judges for the evening and

the awards were as follows:

Vase of 12 asters (mixed), A. Walker, first.

Vase of gladiolus, 12 spikes, E. Westlake, first.

Six ears of sweet corn, F. Petroccia, first.

Campanula pyramidalis, exhibited by W. Noonin; thanks of the society.

Exhibits at our next meeting will be three stalks celery, one muskmelon (outdoor grown) and six tomatoes.

JAMES GLADSTONE, Cor. Sec'y.

OLD ORCHARD, ME.—Miss Hazel Thomas is in charge of a flower shop which has been opened by the Worcester Greenhouses.

ST. PETERSBURG, FLA.—The Woman's Town Improvement Association will hold a flower show in this city the first week in February.

ST. PAUL, MINN.—The Minnesota Garden Flower Society held its annual flower exhibition at Holm & Olson's flower shop, August 3. The displays staged by garden flower growers from this city, Minneapolis, Duluth, Excelsior, Lake City and many other cities in the state were excellent and the attendance was large.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

Mention the American Florist when writing

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS
Our Specialties.

Mention the American Florist when writing

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone: Randolph 6784

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE

CHICAGO

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E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

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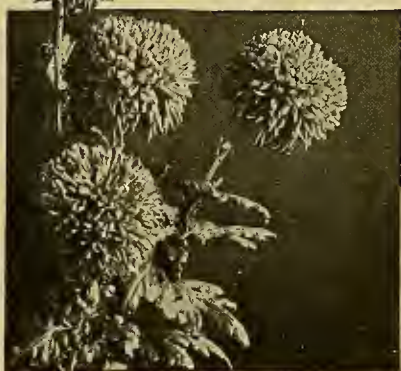
Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$3 00
" " 36-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
" Mrs. Chas. Russell....	1 00@ 2 50
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas..... per doz., 4 00@ 6 00	
Gardenias..... per doz., 3 00@ 4 00	
Chrysanthemums..... per doz., \$2.00 to \$3.00	
Gladioli.....	2 00@ 8 00
Lilium Harrlii.....	10 00@12 50
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 4 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	1 50@2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumous Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sorengeri, Plumous Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St.,
CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,



FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED				
100	1000	100	1000	100	1000	100	1000			
Mrs. C. W. Ward.....	\$7.00	\$60.00	Winsor.....	\$7.00	\$60.00	Matchless.....	\$9.00	\$80.00		
R. P. Enchantress.....	6.00	55.00	Peerless.....	8.00	70.00	Enchantress.....	8.00	70.00		
L. P. Enchantress.....	6.00	55.00	Gorgeous.....	7.00	60.00	Perfection.....	7.00	60.00		
Enchantress Supreme	8.00	75.00	Philadelphia.....	7.00	65.00	White Wonder.....	7.00	60.00		
Dorothy Gordon.....	7.00	60.00				Alma Ward.....	7.00	60.00		
								Champion.....	\$8.00	\$70.00
								Beacon.....	7.50	65.00
								Victory.....	7.00	60.00
								Comfort.....	7.00	50.00
								Commodore.....	7.00	60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MEDIOCRE QUALITY STOCK IN OVERSUPPLY.

"Valley is valley and orchids are out of sight"—the first being handled by the bunch and the cattleyas one at a time. There is no time of the year when they are as scarce as at present. As regards lily of the valley, how about the coming season? The latest reports say there are to be no azaleas; last season it looked bad for a time, but finally a plentiful supply came through all right, both of azaleas and lily of the valley. German seeds are arriving by parcels post almost daily and it is hoped that there will be some way out at least for the lily of the valley. Asters are offered in large quantities; the quality of the majority of the stock is only fair, although some growers are shipping light grade stock. Gladioli are on the wane. There are still more than the market can handle without waste, but the glut is past and good stock should bring a fair price. Hydrangea paniculata is now very plentiful and much in evidence in the store windows. Roses have shortened up a bit, white particularly being scarce. Wards, Sunburst, Maryland and Mocks are the leaders, with a fairly good supply of eastern and local American Beauties. The stores report very little doing the past week aside from the ever present demand for funerals.

NOTES.

With the example set by the Cleveland brethren, as shown by the prospectus of their coming fall show, and later by the Chicago bright lights for their grand fall flower festival with a guaranteed premium list of \$10,000, it behooves the Philadelphia brethren, with the prestige of the great national show on their hands, to get together and boost, and work up public interest in every possible way. To be successful there must be a record attendance. In its every department, this show is to excel; our growers are noted as prize winners in all prominent floral exhibitions the country over, and the show under their management should be at least one step ahead of all those that have gone before.

This is convention week and not a delegate from this city, outside of the gentlemen from supply houses. California appears to be prepared for the coming of all the rest of the nation, and the convention will no doubt be a success. There is an abundance of talent west of the Rockies, which together with the few bright lights of the east and middle-west, captained by President Patrick Welch, are sure to keep the grand old S. A. F. moving forward.

The Vollers House of Flowers looks very chic with its decorated front in white and red. Red and white striped paneled boxes below and above the windows and the addition of a row of large tubs above the sign on top of the building, all filled with evergreens, makes a striking display. A red and white striped awning is also a very conspicuous feature.

Improvements in the retail shops are going on during this dull season. The London Flower Shop, Eighteenth and Chestnut streets, has connected the second floor with the first, with a wide

Wholesale Flower Markets

BOSTON, Aug. 18.

	Per 100
Roses, Beauty.....	2 00@25 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@5 00
" Double White Killarney.....	1 00@6 00
" Killarney Brilliant.....	1 00@8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@8 00
" Taft.....	1 00@8 00
" Mylady.....	1 00@8 00
" Ward and Hillingdon.....	1 00@6 00
" My Maryland.....	50@5 00
Cattleyas.....	25 00@35 00
Lily of the Valley.....	3 00@4 00
Sweet Peas.....	50@1 00
Carnations.....	50@1 00
select.....	1 50@2 00

BUFFALO, Aug. 18.

	Per 100
Roses, Beauty, special.....	20 00@25 00
" fancy.....	15 00@20 00
" extra.....	10 00@12 00
" No. 1.....	6 00@10 00
" No. 2.....	2 00@3 00
" Killarney.....	3 00@6 00
" White Killarney.....	3 00@7 00
" My Maryland.....	3 00@6 00
" Killarney Queen.....	3 00@4 00
" Richmond.....	3 00@6 00
" Sunburst.....	3 00@6 00
" Ward.....	3 00@5 00
" Taft.....	3 00@6 00
Lily of the Valley.....	5 00@8 00
Lilies.....	40 00@50 00
Cattleyas.....	1 00@1 50
Carnations.....	40@50
Daisies.....	1 00@2 00
Snadragons.....	5 00@10 00
Gig. Lilies.....	bunch, 5c@10c
Peas (outdoor).....	bunch, 5c@10c
Gladioli.....	2 00@3 00
Asters.....	40@1 50
Asparagus Sprengeri.....	35@50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Aug. 18.

	Per 100
Roses, Beauty.....	per doz., \$0 75@3 00
" Killarney.....	1 00@6 00
" My Maryland.....	1 00@6 00
" Richmond.....	1 00@6 00
" Taft.....	1 00@6 00
Lily of the Valley.....	3 00@4 00
Lilium Giganteum.....	4 00@8 00
Asparagus Plumosus.....	per bch., 25c 3 00
Orchids, per doz.....	3 00
Gladioli.....	1 00@3 00
Snadragons.....	2 00@3 00

ST. LOUIS, Aug. 18

	Per 100
Roses, Beauty, medium.....	8 00@15 00
short stems.....	4 00@6 00
" Killarney.....	2 00@5 00
" White Killarney.....	2 00@4 00
" Aaron Ward.....	2 00@4 00
" Sunburst.....	2 00@5 00
" Ophelia.....	3 00@5 00
" Radianca.....	2 00@5 00
Valley.....	3 00@4 00
Carnations.....	1 00
Orchids.....	35 00@50 00
Asparagus Sprengeri.....	per bu., 25@50
Asparagus Plumosus.....	per bu., 25@60
Harrisii.....	6 00
Sweet Peas.....	20@4 00
Gladioli.....	2 00@3 00
Ferns.....	per 1000, 1 50

stairway, giving easy access to this additional space which will afford them greater facilities for their growing business.

Paul Huebner, the landscape gardener of the Reading railroad system, is in Detroit this week attending the convention of the Railway Gardening Association, of which organization he has the honor to be president.

The continued wet weather has greatly handicapped the carnation men, who have been unable to get

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Stores open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.
McCALLUM CO.
Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra-Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

their plants housed, the ground being always too wet to allow their moving with safety.

Charles Grakelov is erecting a commodious store, with a greenhouse in the rear which will give him much better facilities for his rapidly expanding business.

Edward Reid and family have been motoring the past week through the state and extended the trip to Niagara Falls and Buffalo.

Berger Bros., at their central market store, are showing some very choice asters, Maryland roses are also a feature.

Asters in all grades are leaders with the Leo Niessen Co. American Beauties are also a feature.

CC POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88.....	\$0.50	\$0.85
No. 55.....	.75	1.25
No. 48.....	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

448 Milwaukee St., Milwaukee, Wis.

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St.,
Both L. D. Phones, ST. LOUIS, MO.

Supplies and Everything in Season always on hand

Mention the American Florist when writing

EXTRA SPECIAL

96 Designs at a Very Low Price.

each, Wreaths.....	12 in. to 20 in.
each, Pillows.....	14 in. to 22 in.
each, Easels.....	21 in. to 36 in.

Send your order, the price of this lot will please you.

E. L. Rogers, 806 N. 12th St., St. Louis Mo.

Mention the American Florist when writing

Cleveland.

GOOD ASTERS ARRIVE AND SELL WELL.

At last some really good asters are arriving on the local market, and these are much in demand, good stock cleaning up daily on advance orders; of the smaller sizes there is still an over-abundance. A few very select dahlias are to be seen and are also in demand. "Don't wait until I order—send them over," is what one retailer said. It will take a few cool evenings to harden the dahlias, after which they will keep better. Other outdoor stocks, which meets with a good demand, are summer lilac, larkspurs, snapdragons, phloxes and achilleas. Roses, especially pink and red, are scarce, while white roses (Kaiserin) are a little more plentiful. A few belated sweet peas and carnations are arriving, and are fairly good stock. Water lilies are not much in demand. Lily of the valley is plentiful, sufficient for all requirements. Easter and Japanese lilies have been plentiful. String smilax is not equal to the demand. American Beauties are in good supply, with a fair call, and the stock is good. Gladioli are the same as last week, plentiful, with prices ruling rather low.

NOTES.

J. F. Brotz, formerly with Wilhelm's, 3824 Lorain avenue, has opened a first-class flower store at 9724 Lo-

Fancy Lily of the Valley

Gladiolus, Asters and Lilies. Fancy Ferns, special picked.
Cut Flower Boxes, Florist Supplies. Manufacturer of Wire Designs.

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Aug. 18.		Per 100
Roses, Beauty, extra.....	20 00	@25 00
" first.....	8 00	@10 00
" Mrs. Chas. Russell.....	8 00	@15 00
" Killarney.....	3 00	@10 00
" White Killarney.....	3 00	@10 00
" Liberty.....	5 00	@15 00
" Mock.....	6 00	@15 00
" Hadley.....	8 00	@12 00
" Bulgaria.....	4 00	@10 00
" Suoburst.....	4 00	@12 00
Carnations.....	1 50	@ 2 00
Cattleyas.....	60 00	@75 00
Lilium Harrisii.....	5 00	@ 6 00
Lily of the Valley.....	3 00	@ 5 00
Gladioli.....	1 00	@ 3 00
Mignonette.....	2 00	@ 4 00
Asparagus.....	per bunch.	50

PITTSBURGH, Aug. 18.		Per 100
Roses, Beauty, special.....	25 00	
" " fancy.....	15 00	
" " extra.....	8 00	
" " No. f.....	3 00	
" Killarney.....	2 00	@ 6 00
" My Maryland.....	2 00	@ 6 00
" Suoburst.....	2 00	@ 6 00
" Mrs. Aaron Ward.....	2 00	
Carnations.....	1 00	
Cattleyas.....	50 00	
Lilium Giganteum.....	6 00	
Valley.....	3 00	
Adiantum.....	1 00	
Sweet Peas.....	50	
Gladioli.....	2 00	
Delphinium.....	2 00	
Asparagus Sprengeri, per bunch,	35@40	
Sprays..... per bunch.	35@40	
Soapdragon.....	2 00	
Asters.....	1 50	

rain avenue. At his opening on August 14 the store presented a beautiful show, flowers of every description filling every corner of this new store.

Edward Reid, of Philadelphia, Pa., was a visitor here August 15, calling upon wholesale and retail stores.

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, Aug. 18.		Per 100
Roses, Beauty, per doz., 2 00@ 3 00		
" Killarney and W. Killarney	2 00	@ 6 00
" Ward, Sunburst.....	2 00	@ 6 00
" Mrs. Chas. Russell.....	3 00	@15 00
" Richmond.....	3 00	@ 6 00
" Ophelia.....	3 00	@10 00
" Hoosier Beauty.....	2 00	@10 00
Carnations.....	1 00	@ 2 00
Lilium.....	8 00	@10 00
Auratum..... per doz., \$1.50		
Snapdragon, per bunch, 25c@30c		
Sweet Peas.....	25	@ 50
Valley.....	2 00	@ 4 00
Daisies.....	1 00	@ 50
Gladioli.....	1 00	@ 2 00
Asters.....	1 00	@ 2 00

Miss Ruth Mercer left August 12 for the Panama-American exposition, San Francisco, Calif.

C. F. B.

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIAM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00

C. S. & CO.
NEW YORK

1000 Pips, \$15.00
2500 " 35.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc.,

90-92 West Broadway,

NEW YORK

New York.

MARKET CONDITIONS UNCHANGED.

There was little change in the cut flower situation during the past week. Roses of the better grades were a little more plentiful, but there was no increase in the demands. Prices on special American Beauties dropped off to \$15 and \$20. The shorter grades of tea roses were very cheap. Lily of the valley did not go very well toward the last of the week. Gladioli and asters continue in the spot light.

June 16. — With continued hot weather, the market is very slow. The supply of roses is increasing, but not the demand. There is a surplus of asters and gladioli. Dahlias are now beginning to appear. Orchids continue in light supply.

SPECIAL CLUB MEETING.

In compliance with a call issued by President Bunyard, a special meeting of the above named club was held in its rooms on the evening of August 16. In the absence of Secretary Young, who is in San Francisco, John H. Pepper acted as secretary pro tem. By a unanimous vote, an invitation was extended to the Society of American Florists to hold the convention of 1916 in the city of New York.

The flower show committee on a show in New York in the spring of 1916, reported and their report was discussed at length. The committee was continued and the subject matter of their report went over as unfinished business.

NOTES.

From Madison, N. J., comes the interesting news item that Miss Nellie Hentz and Alexander Schultz were married August 10. The bride is the daughter of Henry Hentz, Sr., of Madison, who is head of a firm of cotton brokers at 22 William street, this city. A brother, Henry Hentz, Jr., is a well known grower of Madison and a member of the firm of Moore, Hentz & Nash, of this city. The groom is well known here, having formerly been in business as a rose grower at Madison. For some time past he has been superintending the estate of his bride's father.

Will our San Francisco friends kindly look after Wallace R. Pierson, John G. Essler and Oscar Boehler, who are representing the florists of this section at the exposition and S. A. F. convention. They are a long distance from home and being good men we would hate to lose them.

S. Jacobs & Sons, greenhouse builders of Brooklyn, are making good progress on the new greenhouse they are erecting for C. C. Trepel on the roof of his store at Broadway and 89th street. When completed it will add a very attractive feature to that locality.

Vaughan's Seed Store has been displaying on its counter for the past three weeks complete sets of high-class named gladiolus, from 30 to 50 different kinds being shown every day. Many interested amateurs make notes every morning.

William P. Ford has just returned from a week spent at his Pennsylvania farm, and visiting other points. He reports that excessive rains have damaged carnations and other stocks in the fields.

A number from this city attended the outing of the Westchester and

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Fairfield Horticultural Society at Rye Beach, N. Y., August 10. The day was fine and there was a good attendance.

Anton Schultheis, the well known plantsman of College Point, accompanied by Mrs. Schultheis, is attending the S. A. F. convention and the Panama-Pacific exposition.

Alex. M. Westwood, the Pennsylvania Terminal florist, is now quite busy, his two clever assistants, William Scharf and William Trepp, taking turns on vacation.

Harry Riedel of Badgley, Riedel & Myer, is on his vacation. Among other events that he intends to cover is the clambake of the Albany Florists' Club, August 21.

While John Young is absent in San Francisco, his partner, George Hildenbrand, is kept quite busy. Good roses are now a feature at their store.

B. Frank, formerly of Brooklyn, who recently sold out to his brother, will open a retail store at Broadway and 94th street, September 1.

Victor Alzen, salesman for P. F. Kessler, is just tickled to death over the arrival of his first son. All are doing well.

Paul Meconi is taking advantage of the dull season to have his store thoroughly repainted and renovated.

Joseph J. Levy, the 26th street wholesaler, is summering with his family in Sullivan county, N. Y.

Miss Rose Graffman, the popular bookkeeper at J. K. Allen's, is away on an extended vacation.

Angelo Dentale, of Young & Nugent's staff, has returned from his vacation.

C. Albert Small and Mrs. Small are at their summer home, Sea Gate.
A. F. F.

Buffalo.

Death this week claimed two members of the craft that have been identified with the trade for many years. Louis Rapin, of Pine Ridge, who from boyhood has been connected with the florist and nursery trade to some extent, but of late years devoting nearly all of his time to real estate in the vicinity of his home, passed away. He was a prominent member of the Masonic fraternity. The other death was that of William Waring, Sr., who has been in the employ of the Wm. Scott Co. for over 30 years, and who was well known to all the trade, old and young, and whose jovial disposition won for him hosts of friends. He will be missed by all who were fortunate to know him.

This city is not represented in great numbers at the S. A. F. convention at San Francisco this year, but the weight and intelligence are there, and Postmaster Kasting, who is also treasurer of the florists' national organization, and William Mansfield will be sure to let everybody on the Pacific coast know that Buffalo is on the map, and is a good town to be "put off at."

There has been no change in market conditions worthy of note during the



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

past week. It might be mentioned that we have had two pleasant days, however—something out of the ordinary. Stock is plentiful and of average quality, but with the exception of funeral work, which was plentiful last week, everything is quiet.

The manager of the florists' bowling club will call the "champions" together about September 10 and start practice for the match game to be rolled in Cleveland between Rochester and Buffalo—and it is going to be "some game," too.

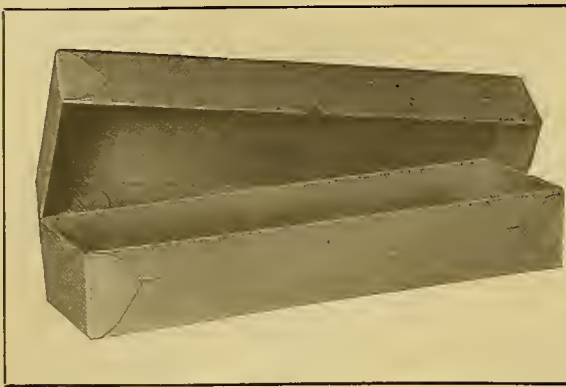
Edward Reid, of Philadelphia, Pa., was a welcome visitor this week, as were also Steve Green, representing H. Bayersdorfer & Co., of the same city, and Wm. Johnson, of the Burlington Willow Ware Co., Burlington, Ia.

Miss Edna Grubin, of S. A. Anderson's force, is spending her vacation at Akron, Ohio.

BISON.

HOUSTON, TEX.—H. H. Kuhlmann, Jr., florist, who has been confined to his home through illness, is recovering rapidly and expects to be at his desk in the near future.

JOPLIN, Mo.—The Joplin-Galena Greenhouse Co. has been incorporated by Anna Lyseo, J. M. Short and Glenna Duncan of this city and E. B. Morgan of Galena, Mo.; capital \$15,000.



YOU are judged largely by the way your flowers are delivered. Sefton Flower Boxes and their delivery will mean continual satisfaction for you and your customers. Made of the best materials, finished in non-fading shades. Ask your paper jobber.

You ought to have our Catalog—also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street CHICAGO, ILL.

Long Beach, Calif.

The Long Beach Horticultural Society will hold a fall flower show in the Auditorium, October 21-23, where all classes of flowers, plants, shrubs, bulbs, fruits, etc., will be included in the exhibition. For further information as to entries, etc., communicate with the secretary, Samuel Whitford, 1508 Appleton street, Long Beach, Calif. The society holds its meetings in the public library on the third Thursday of each month.

Mira Mar Nursery shows signs of good business. In the field the most striking thing is the rows of pink cannas; from their appearance they look like Hungaria. Hans von Hofgaarden, the proprietor, is taking his vacation at San Francisco, attending both the conventions of the California Association of Nurserymen and the Society of American Florists, as well as the exposition.

The greenhouse of A. G. Adams, proprietor of the Long Beach Nursery, is well stocked with ferns, coleus, aspidistras, begonias, fuchsias and Ficus elastica. In the yards, one of the most curious plants was a Ponderosa lemon tree in an eight-inch pot; foliage about a foot over the top of pot with two mature lemons. There are also some fine specimens of Liliun speciosa.

Loses' Flower Shop is showing some elegant ferns, asters and amaryllis. The exterior and interior of the shop are odd and pleasing. From the front, out over the sidewalk, is built a beautiful pergola, covered with birch bark; the inside wall supports are also covered with the bark, and at the top of each support are branches from the birch tree.

The Acme Nursery reports business good, considering the season of the year, with better prospects for fall and winter. The nursery is well kept and shows some fine roses, dahlias, cannas, and Princess gladioli, also a magnificent stand of primulas.

Arthur Falkenhayn, who was formerly superintendent of parks, has severed his connection, and will soon start in the nursery business in this city. H. S. K.

Atlantic Highland, N. J.

John Bennett has sold his Hillside greenhouses to his son, William H. Bennett, and will hereafter devote all his attention to his nursery and landscape work. He has recently increased the area of his nursery and has a fine stock, California privet being noteworthy. William H. Bennett is growing a general stock and doing a retail business. A. F. F.

Navesink, N. J.

The Navesink Greenhouses comprise a neat range and there is a good variety of stock necessary in their retail business. A. De Vestry is for the present managing the business. A. F. F.

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28x 8x4 "	3 25
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Duerr, Chas. A., Newark, O.
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Reuter's, Westerly, R. I.
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Choice Cut Flowers
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ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

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H. W. BUCKBEE.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing



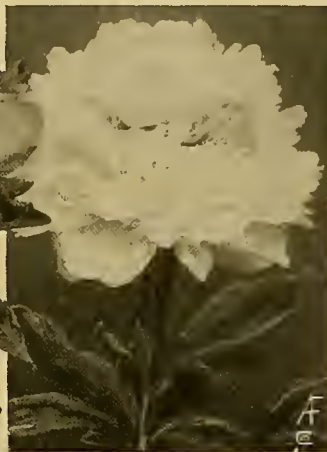
Jeanne d'Arc.



M. Krelage.



La Grange.



Couronne d'Or.

PEONIES FOR CUT FLOWERS

We have an exceptionally large stock of our own growing, strictly true to name, all in strong divisions, with from 3 to 5 eyes each. Besides these divided roots, we can supply many of the following varieties in plants, one, two, three and five years from division. These sizes are more suitable for private customers. Write to us for prices on varieties you desire in large plants.

WHITE AND LIGHT SORTS

	Each	Doz.	100
Charlemagne. Lilac white, blush center; very fragrant. Late. Extra fine cut flower.....	\$0 30	\$3 00	\$20 00
Couronne d' Or. Snow-white, yellow reflex, very large. Late a splendid long-distance shipper. Splendid cut flower.....	30	3 00	20 00
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape.....	25	2 00	15 00
Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.....	30	3 00	20 00
Jeanne d' Arc. Soft pink, center sulphur white and pale pink, very fragrant. Valuable for cut flowers. Very similar to Golden Harvest....	35	3 60	25 00
La Tulipe. Delicate rose fading to creamy white, tipped with carmine; very large bloom; late....	35	3 60	25 00
Mme. de Vetry. Very large, high crown, lilac-white guards and crown, sulphur white collar of wide petals; center flecked crimson.....	40	4 00	30 00
Mme. de Vernerville. Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies.....	25	2 50	16 00
Marle Lemoine. Large, compact, pure white, cream-white center. Some carmine tips.....	35	3 60	25 00
M. Dupont. Clear ivory white, with brilliant carmine border on center petals.....	50	5 50	40 00
Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best cut flower sorts; early.....	25	2 00	12 00
UNNAMED PEONIES—Divided Roots of 3 to 5 Eyes			
Double White, Pink and Red.....	\$1 50	\$10 00	
Double Mixed.....	1 00	6 00	

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young, and each has 3 to 5 eyes. These cases contain 67 double white, 66 double pink and 67 double red each color separate—200 roots in all.

Price, \$2.00—Case for \$18.00. 2 Cases for \$35.00. We cannot divide cases.

German Iris We have large stocks of 10 standard sorts, and can make specially low prices on quantities.

LIGHT AND DARK PINK AND ROSE

	Each	Doz.	100
Alexander Dumas. Light violet rose, cream collar, fine cut flower.....	\$0 35	\$3 50	\$25 00
Faust. Guards light pink shading to white; collar sulphur white. Midseason.....	25	2 00	15 00
Koh-i-noor. Shell pink, very free, splendid cut flower. Midseason.....	30	3 00	20 00
Lady Leonora Bramwell. Large, rose-colored, very free, splendid cut flower.....	30	3 00	20 00
Souvenir de l'Exposition Universelle. Large perfect shaped imbricated flower, brilliant cerise, with silvery reflex.....	40	4 00	30 00
Prolifera Tricolor. Medium size. Guards flesh-white, collar sulphur-yellow. Pale rose crown, fragrant, free, late.....	30	3 00	20 00
Triomphe de l'Expos. de Lille. Shell pink with a peculiar double crown. Midseason.....	35	3 60	25 00

RED AND CRIMSON

Andre Laurils. Very large, very compact globular rose-type. Dark Tyrian-rose shading deeper in center. Medium tall. One of the best late varieties.....	30	3 00	20 00
Augustin de Hour. Large, bomb-shaped flower, dark brilliant solferino-red with slight silvery reflex. Medium tall, very free. Midseason. Very fine.....	45	5 00	40 00
Delachei. Deep rich purple, crimson reflex. Late and free blooming.....	30	3 00	20 00
Felix Crousse. One of the best red sorts, large double ball shaped flowers. Free bloomer.....	35	4 00	30 00
Louis van Houtte. Deep carmine-rose, tipped silver, with fiery reflex. Semi-rose type. Fragrant. Late.....	25	2 50	18 00
Madam Lebon. Brilliant cerise with silvery reflex. Large flower; late.....	35	3 60	25 00
Marchal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety.....	40	4 00	30 00
M. Paul du Ribert. Deep crimson-rose, fine bomb-shaped flower, medium high, free bloomer. Late.....	40	4 00	30 00
Officinalis Rubra Plena. This is the old-fashioned red; the most brilliant of all reds.....	20	1 80	12 00

We have a large stock of fine varieties other than those listed here. Write for price list.

VAUGHAN'S SEED STORE, CHICAGO NEW YORK

For the Best New and Standard DAHLIAS

Address
Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.
Mention the American Florist when writing

—Write—
GEO. A. KUHL,
PEKIN, ILL.,
For Prices and List of
MUMS, ROSES, FERNS,
BEGONIAS and General Stock
Wholesale Grower to the Trade.
Mention the American Florist when writing

GERANIUMS

Summer Prices.
Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.
S. A. Nutt.....\$10 00 per 1000
Ricard and Poitevine..... 12 50 " "
ALBERT M. HERR, LANCASTER, PA.
Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

VISITED NEW YORK.—M. Koster, of Boskoop, arrived on steamer Rotterdam, August 15.

GROWERS of onion sets at Chicago, who have part of them in the crates, say the sets are not showing rot as yet.

THE movement of Chinese narcissus bulbs from Amoy is reported blocked because of lack of trans-Pacific freight shipping facilities.

NEW YORK.—The Holland-American line advises that no bulbs from Rotterdam have arrived within a month except a few sample cases.

HOLLAND reports of August 1 indicate that Dutch bulbs will be from two to 20 days late in moving this year because of heavy and continued rains.

DUTCH advices say that the mails are being delayed again, correspondence from England requiring four days, from France nine days and from Germany 11 days.

PERMITS for the shipment of 50,000 bags of beet sugar seed from Germany to the United States have been issued by the British government after lengthy informal negotiations conducted by the state department. All shipments will be consigned to the secretary of agriculture, who will distribute the seed to growers.

VISITED CHICAGO: J. Chas. McCullough, Cincinnati, O., and family, returning from a Pacific coast trip; Alfred J. Brown, Grand Rapids, Mich.; Henry Windheim and son, Omaha, Neb.; Carlos J. Jensen, representing L. Daehnfeldt, Ltd., Odense, Denmark; A. T. Ferrell, Saginaw, Mich.; Alfred W. Hincks, representing C. C. Morse & Co., San Francisco, Calif.

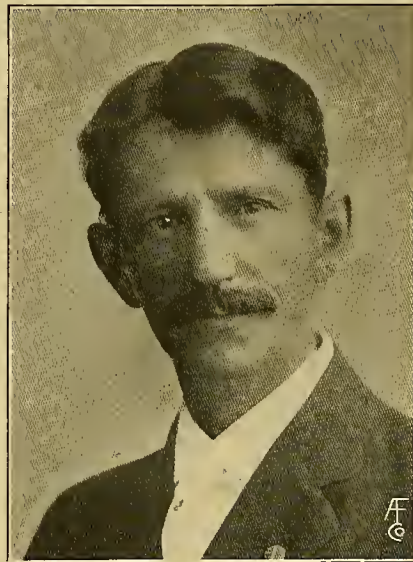
ONION SETS at Chicago had two fair days last week, and the fields were filled with harvesters Monday forenoon. A heavy rain fell Monday afternoon, and all work is off indefinitely. It is reported that some lots are molding in the crates; other fields will not be harvested because the tops already show decay.—Three days now (August 19) without rain and the lifting of the set crop is being pushed with all possible speed. In some fields more than 125 workers are busy.

CHICAGO.—Prices for grass seed on the Board of Trade August 18 were as follows: Timothy, \$5.50 to \$7.00 per 100 pounds.—Rudolph Feige, cashier, employed by the Leonard Seed Co., of this city, was robbed by two highwaymen of a satchel containing the pay-roll of the firm. The money was insured and the company has been reimbursed for the loss. Mr. and Mrs. C. S. Clark and family of Wakeman, Ohio, arrived in this city Friday, August 13, returning from a trip to the Pacific coast. Early Sunday morning their daughter, Harriet, was stricken with appendicitis and operated on at the Washington Park hospital, where on Wednesday she seemed to be progressing favorably. Mrs. Clark and daughter Hazel remained here.

The Late John M. Clark.

John M. Clark, secretary of the Leonard Seed Co., Chicago, died last Sunday morning, August 15, at 5 o'clock, following an operation for ulcers of the stomach. He was at the office Tuesday as usual, but was taken quite sick Wednesday and by night his condition was so serious that he was removed to the Suburban Hospital for an operation, which was performed Thursday night.

He was born at Kirkcubrightshire, Scotland, May 8, 1860, and came to this country at the age of seven, locating near New York City, where he received his schooling. He first worked for the clothing firm of Brooks Bros. of that city and later started in the seed business for Cowan & Co., of New York, and afterward worked for the Robert Buist Co., of Philadelphia,



The Late John M. Clark.

and J. C. Vaughan at Chicago. He went to work for S. F. Leonard about four months after he started in business, and was later elected secretary of the firm, a position which he held up to the time of his death. He was well known to the trade in this city, as well as elsewhere and was recognized as an authority on vegetable and garden seeds, and for many years was a member of the state board of agriculture. He attended many of the conventions of the American Seed Trade Association and had a host of friends throughout the country to whom his death will come as a sad surprise.

The funeral was held from the family residence at 5954 West Huron street, Tuesday afternoon, August 17, and the remains were laid to rest in the family lot at Forest Home Cemetery. It was largely attended by seedsmen, florists and private gardeners and the many beautiful floral of-

ferings that were sent to the home show the esteem in which he was held by his fellowmen. John C. Leonard, vice-president and A. H. Smith, treasurer of Leonard Seed Co., and three other employees, C. S. Carlisle, Gus Schloyer, Edw. S. Reynolds and James C. Oram, a relative of Mr. Clark, acted as pallbearers. Mr. Clark is survived by his wife, daughter Marguerite, age 16, and two sons, James and Leonard, age 27 and 22, respectively.

Dutch Crop Reports.

Hyacinths.—Crop fair; some well shaped bulbs, but not in the same large quantities as in 1914.

Tulips.—Quality medium. There is report of good demand from England for various varieties as the prices at Covent Garden market were much higher last year than formerly.

Crocus.—Quality medium.

Narcissus.—Crop and quality good.

Scillas.—Good sized crop, up to the average.

Gladiolus.—Gandavensis type. Acreage planted was smaller than usual because of reduced prices. The crop appeared promising on August 1.

Spirea.—Prices have been so low in recent years that growers are discontented and the acreage somewhat curtailed.

Iris.—Crop excellent.

It rained every day the last half of July and the bulbs can be seen exposed to the weather on the top of the ground. Such weather is most unfavorable for the curing of bulbs and containing the moisture they do it would be unsafe to ship early. Even with good weather, shipments will hardly begin before August 20.

Imports.

During the week ending August 14 imports were received at New York as follows:

The SS. Rotterdam brought 384 cases. Many were, however, of French origin.

Vaughan's Seed Store, 375 cases bulbs, (Marseilles, France).

F. B. Vandegrift & Co., 74 cases bulbs, (Marseilles, France).

R. & J. Farquhar & Co., 11 cases bulbs, (Marseilles, France).

Stump & Walter Co., 225 cases bulbs, (Marseilles, France).

R. F. Feist, 300 pounds clover seed, (Bordeaux, France).

Maltus & Ware, 1090 cases bulbs, (Marseilles, France).

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Daehnfeldt's Danish Quality Seeds



CABBAGE
DANISH ROUNDHEAD
Shortstemmed

Cauliflowers, Cabbages, Rutabagas,
Mangels, Pansies, Asters,
Cyclamens, Stocks, Etc.

==Are Recognized All Over the World.==

Ask Them from Your Seedsmen.

If you have not received our preliminary price list for delivery after harvest 1915, write our Representative, Mr Axel Knudson, 1709 10th Ave., So., Minneapolis, Minn., to send you one.

L. DAEHNFELDT, Ltd., Seed Growers, **Odense, Denmark.**
Cable Address: Daehnfeldt-Odense.

MY

Winter Orchid Sweet Peas

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the Panama-Pacific Exposition.

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK
Lompoc, Calif.

Mention the American Florist when writing

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100.

Florists' Money Maker, best Valley at moderate prices, \$14.00 for 1000; \$7.50 for 500; \$4.00 for 250.

H. N. BRUNS
3032 Madison Street, CHICAGO

Mention the American Florist when writing

Flower Seeds for Present Sowing

PANSY—Barnard's Florists' Mixture
For Size of Bloom and Rich Colors, Excelled by None

Trade Pkt., 25c; 1/8 oz., \$1.00; 1/2 oz., \$3.50; oz., 7.00.
GIANT MIXTURE—Trade Pkt., 20c; 1/8 oz., 50c; oz., \$4.00.

CALCEOLARIA, Hybrida Grandiflora..... Trade Pkt., 50c
CINERARIA, Hybrida Grandiflora..... Trade Pkt., 50c
PRIMULA, Sinensis Fimbriata, choice varieties, in separate colors and mixed. Tr. Pkt., 50c

SEEDS OF HARDY PERENNIALS. Very complete assortment.

10 per cent off for cash on orders for flower seeds.

THE W. W. BARNARD CO., SEEDSMEN, **CHICAGO**
231-235 W. Madison Street.

Holland Grown Seeds

We are growers of Garden Beets, Mangels, Sugar Beets, Cabbage, Cauliflower, Celeriac, Chicory, Cornsalad, Cress, Endive, Kale, Kohlrabi, Leek, Mustard, Parsley, Parsnip, Radish, Spinach, Turnip, Rutabaga, and a general line of Flower Seeds, and solicit inquiries from the trade for both this fall's delivery and for next year's growing.

Regular sailings from our country to the United States and Canada.

SLUIS BROTHERS, Wholesale Seed Growers
ENKHUIZEN, HOLLAND
Cable Address: SEMEN, Enkhuizen.

Simon Louis Freres & Co.

SEED GROWERS

Bruyeres-le-Chatel, Seine et Oise, France

We are sellers for immediate delivery of Asparagus, Broad Beans, Beets, Broccolls, Brussels Sprouts, Cabbage, Carrots, Cauliflowers, Celery, Chicory, Dandelion, Leeks, Lettuce, Mangel, Onion, Parsley, Parsnip, Radish, Vegetable Marrow, Swiss, Turnip, Swedes, Grass Seeds, Clover Seed.

We are buyers of Poa-pratensis, Timothy, Meadow Fescue, Berd Grass.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing



French Paper White Grandiflora

Per 1000
Fancy (1250 bulbs to case)..... \$ **9.00**
Star Brand (1000 bulbs to case)..... **11.00**
Precocious, Vaughan's Extra Early Grandiflora
Select Bulbs, 13 ctm. and up **9.00**
Mammoth Bulbs, 14 ctm. and up **12.00**

Lilium Formosum (New Crop)

7-9 inch (250 bulbs to case)..... per 1000, **\$60.00**
9-10 inch (180 bulbs to case)..... per 1000, **80.00**

Lilium Harrisii

Best Bermuda Stock. From rogued fields.

Per case
6-7 inch (335 to case) **\$16.50**
7-9 inch (200 bulbs to case)..... **15.00**

Freesias

Per 1000
French, 1/2-3/4 inch \$ **8.00**
 " **3/4 inch and up**..... **10.00**
Purity, 3/8-1/2 inch **10.00**

Cold Storage Lilies

SPECIAL PRICES to "clean up." Per case
Giganteum, 7-9 inch (300 bulbs to case) **\$15.00**
 " **9-10 inch** (200 bulbs to case) **16.50**
Formosum, 8-9 inch (225 bulbs to case) **14.00**

Callas

Per 1000
1 1/4-1 1/2 inch..... \$ **50.00**
1 1/2-2 inch..... **80.00**
2-2 1/2 inch..... **100.00**

VAUGHAN'S SEED STORE, Chicago and New York

FREESIA BULBS

TRUE PURITY

Per 100 Per 1000
 3/4 inch diameter.....\$1.80 \$16.00
 1/2 inch diameter..... 1.50 14.00
 3/8 inch diameter..... 1.20 11.00

COLD STORAGE LILIES

Giganteum, 9-10, 200 to case..... \$17.00
Giganteum, 7-9, 200 to case..... 15.00

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
 411-413 Washington Ave., ST. LOUIS, MO.
 Write for our Fall Trade Catalogue.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

OUR wholesale price list, for the trade only, of

High Class Bulbs

for forcing and for outdoor planting is now ready for distribution.

Drop us a postal for your copy—it contains information of interest and value.

J. M. THORBURN & CO.
 53 Barclay St., through to 54 Park Place
 NEW YORK

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
 Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Burpee's Winter-Flowering Spencer Sweet Peas

Originated at Fordhook Farms and grown at Floradale Farm.
Absolutely fixed—true to color and type.

We began hybridizing the original Winter-Flowering Sweet Peas, namely, **Burpee's Earliest of All** (Christmas Pink), **Burpee's Earliest White**, **Burpee's Earliest Sunbeams** and **Burpee's Re-selected Earliest of All** with the finest varieties of the summer flowering Spencers at our **FORDHOOK FARMS** in 1909. It is, however, quite a slow process to thoroughly "true" and "fix" these seedlings, and it being against the principles of our business to put any novelty on the market in an unfixed condition, we are offering only two varieties at present. The stocks of these, we know to be absolutely fixed, true to color and type. After our crops are harvested we may be in a position to offer, in a limited way, several other winter-flowering novelties, particulars of which will be found in Burpee's Annual for 1916.

FORDHOOK PINK

This is the result of a cross made at our Fordhook Farms in 1909. The color is a beautiful shade of rose-pink on white ground; the coloring deepening towards the edge of the standard and wings. The flowers are of largest size, exquisitely waved and usually produced in threes and fours on long stems. Unsurpassed for cut flower trade. **Awarded Certificate of Merit** at the Spring Show of the **PENNSYLVANIA HORTICULTURAL SOCIETY**, Philadelphia, March 23, 1915.

In sealed packets containing twelve seeds each. Per pkt., 25 cents; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.25; per oz., \$4.00.

FORDHOOK ROSE

The result of a cross made at our Fordhook Farms in 1910. This lovely novelty is a charming shade of rosy carmine. The flowers are of largest size and usually borne in threes and fours on long stiff stems. **Awarded Certificates of Merit** at the **INTERNATIONAL SHOW**, New York, March 20, 1915, and at the Spring Show of the **PENNSYLVANIA HORTICULTURAL SOCIETY**, Philadelphia, March 23, 1915.

In sealed packets containing twelve seeds each. Per pkt., 25 cents; $\frac{1}{4}$ oz., \$1.35; $\frac{1}{2}$ oz., \$2.25; per oz., \$4.00.

YARRAWA

The Sweet Pea par-excellence for Winter Flowering under glass.

We were awarded **Certificate of Merit** for this superb novelty at the **INTERNATIONAL FLOWER SHOW**, in New York, March, 1914, at the Spring Show of the **PENNSYLVANIA HORTICULTURAL SOCIETY**, Philadelphia, March, 1915.

YARRAWA is an easy and good "doer," invariably giving an excellent account of itself whether grown in pots, boxes, raised benches or solid beds.

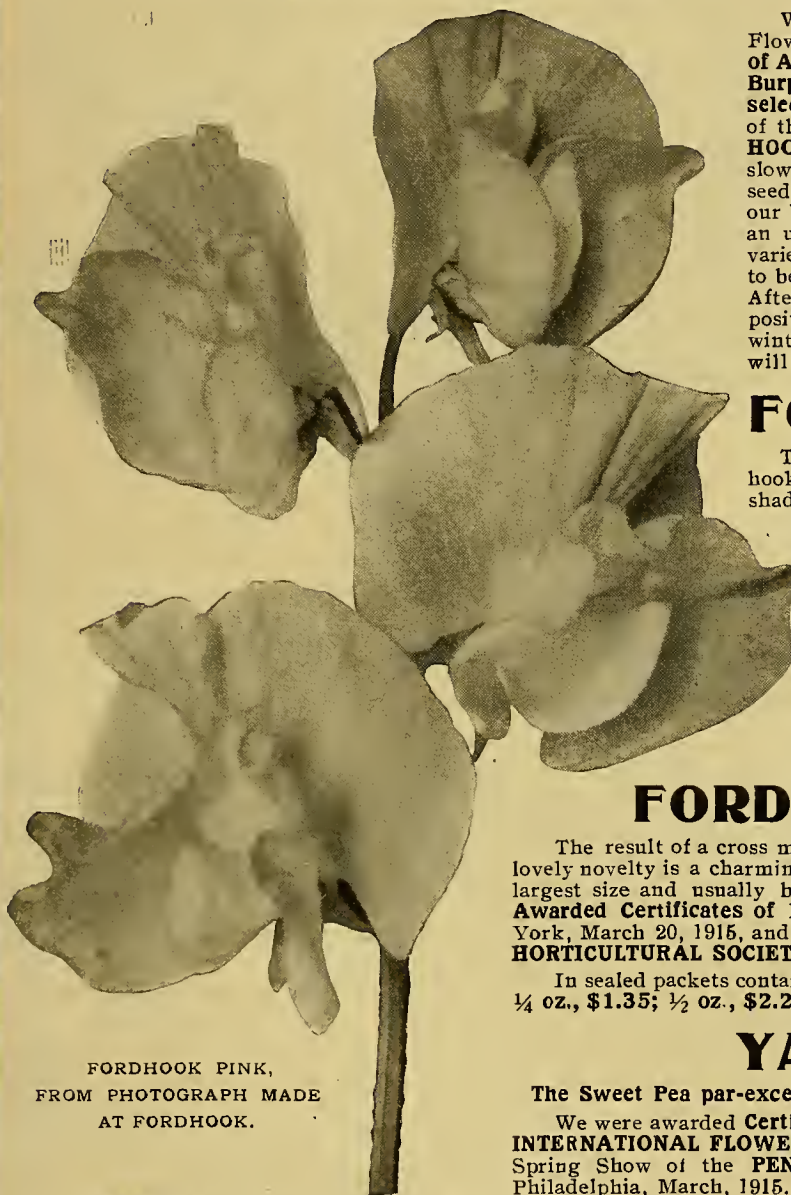
YARRAWA has the heavy foliage and rank strong growth of the summer-flowering type and is a true winter blooming Spencer. From seed sown early in October at Fordhook Farms, the plants came into bloom December 20th and flowered profusely until May. The flowers are exquisitely waved and when well grown will average two and one-half inches in diameter, many of them being duplex, or double flowered, thus adding greatly to the general effect of the bunch. They are borne usually in fours on extra long, strong stems. The color is a most pleasing shade of bright rose pink, with light wings.

Floradale-grown seed exclusively— $\frac{1}{4}$ oz., \$1.00; per oz., \$3.50; $\frac{1}{4}$ lb., \$12.50; lb., \$45.00.

W. ATLEE BURPEE & CO.

Seed Growers,

Burpee Buildings, Philadelphia



FORDHOOK PINK,
FROM PHOTOGRAPH MADE
AT FORDHOOK.

Winter Flowering Sweet Peas Spencer Types

Our expert California seed growers have spent much time "roguing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

Novelty Yarrowa

The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long, stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., 1/4 oz., 50c.

Selma Swenson

A beautiful clear light soft pink waved petals, strong grower and good forcer, originated by Mr. August Swenson, and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; 1/4 oz., \$2.50.

Rose Queen

A Christmas flower, rose pink Spencer, a popular Indianapolis novelty. Our seed grown and saved from originator's stock. Oz., \$10.00; 1/4 oz., \$2.50.



	Oz.	1/2 oz.	1/4 oz. Tr. pkt.		Oz.	1/2 oz.	1/4 oz. Tr. pkt.
Anita Wehrman. Clear lavender.....	\$8.00	\$4.00	\$2.00	Orchid Beauty. Dark rose, blushed with orange.....	\$2.00		\$0.50
Mrs. A. A. Skaach. Bright shell pink	1.75		.50	Pres. Woodrow Wilson. Magenta rose.....	2.00		.50
Mrs. J. Manda. Light shell pink.....	2.00		.50	Rose Queen. Rose pink.....	10.00	\$5.00	2.50
Mrs. Woodrow Wilson. Apple-blossom pink.....	2.00		.50	Venus White, pink wings.....	2.00		.50
Pink and White.....lb.,	\$15.00	1.50	.50				

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz., 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., **Chicago**

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

SWEDESBORO, N. J.

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

FINEST Pansy Seed QUALITY

My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture, 1 pkt. 5000 seed, \$1.00; 1/2 oz., \$2.00; 1 oz., \$4.00. Cash with order. **E. B. JENNINGS,** Southport, Conn. Lock Box 254. Grower only of Fine Pansies.



Giant Pansy Seed

Kenilworth Mixture
Kenilworth Cut Flower Mixture
Giant Three and Five Blotched
Masterpiece, curled, wavy
Giant Parisians

Giant Bronze Mixture
Giant Red
Giant Light Blue
Giant Dark Blue
Giant Zebra
Giant McKinley
Giant Adonis
Giant Psyche
Giant Mme. Perret
1000 seeds, 25c; 5000, \$1.00
1/4 oz., \$1.25; oz., \$5.00

Princess (new upright Pansy)
500 seeds, 25c; 1000 seeds,
50c; oz., \$10.00

CHAS. FROST
Kenilworth
N. J.

Benary's Seeds for Florists

Complete New Stock.

Send for List.

Aabling-Ebright Seed Co.
89 Pike St., Seattle, Wash.

Mention the American Florist when writing

FERNS IN FLATS

ALL VARIETIES

We ship by express during July and August, stock ready for 2 1/2-in. pots in flats of about 110 clumps, which can be divided.

Price, \$2.00 per flat
20 or more flats, \$1.75 each.
Packing included.

Order now while we have full list of varieties to select from.

Write for illustrated folder.

McHutchison & Co.
17 Murray Street, NEW YORK

Mention the American Florist when writing

Our Sales To Date 376,000

Freesia Purity and Calla Bulbs

WE CONTROL THE CREAM. Our stock is the finest grown. Second and third orders from this year's customers prove our claim. Wire or mail your orders; we fill in succession. 5% discount on all orders accompanied by cash, in answer to this advertisement.

For quick sale we are offering the balance of our stock of

True Freesia Purity Bulbs

AT ALMOST COST

	Per 100	Per 1000
3/4 to 1-in. dia.....	\$1.25	\$9.00
5/8 to 3/4-in. dia.....	1.00	7.50
1/2 to 5/8-in. dia.....	.75	5.00

500 at 1000 rate.



Special prices on large quantities when cash is sent with order. We prepay the express to your city.

Send us, NOW, your order for your **CALLA BULBS**

They Never Will Be Cheaper

	Per 100	Per 1000		Per 100	Per 1000
2 1/2 to 3-in. dia.....	\$7.00	\$60.00	1 1/2 to 2-in. dia.....	\$5.00	\$40.00
2 to 2 1/2-in. dia.....	6.00	50.00	1 to 1 1/2-in. dia.....	2.00	15.00

Freight prepaid when cash is sent with order to your City. We always make good when Bulbs are damaged on the way.

Don't Wait—Write at Once.

SANTA CRUZ BULB & PLANT CO., 21 Pacific Avenue, SANTA CRUZ, CALIF.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomisdale Farm. **Bristol, Pa.**

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R. & M. GODINEAU
SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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300,000 Field-Grown Carnation Plants

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
Pink Enchantress	\$4.50	\$40.00	Mrs. C. W. Ward Philadelphia.....	4.00	35.00
Rose Pink Enchantress, -	4.00	35.00	Zoe Symonds.....	4.50	40.00
White Perfection	4.00	35.00	Washington.....	6.00	50.00

—Order Today—

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

L. D. Phone Central 2846

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

WE are in receipt of a beautiful specimen of "Ray" peach, above medium in size and fine color, from the Harrison's Nurseries, Berlin, Md.

Texas State Horticultural Society.

A meeting of the Texas State Horticultural Society, consisting of three sessions, was held at College Station, August 2-3, in connection with the state farmers' congress. An interesting programme had been arranged, which was well received. Regular business of the society was transacted, and the election of officers resulted in the selection of the following: Fritz Englehardt, Eagle Lake, president; Eltweed Pomeroy, Donna, vice-president; G. L. Blackmon, Dallas, secretary-treasurer. J. H. Arbenz, Sarita, was named as representative of the society on the executive board of the farmers' congress.

California Nurserymen's Convention.

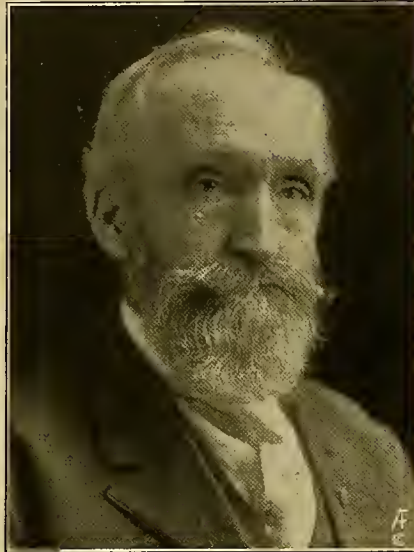
The fifth annual meeting of the California Association of Nurserymen, in conjunction with the thirteenth annual convention of the Pacific Coast Association of Nurserymen, was held in the new Civic Auditorium, San Francisco, Calif., August 12-14. The meeting was characterized by a representative attendance of nurserymen, horticulturists and plant lovers from San Francisco and contiguous territory, augmented by many interested visitors from a distance.

The meeting was called to order by President Fred M. Howard of Los Angeles, and applications for new memberships was the first order of business. Following the address of the president, the report of the secretary was presented, followed by the appointment of the convention committees. Both the forenoon and afternoon sessions Saturday, August 14, were given over to the reading of papers and discussions, and expressions of views on matters pertaining to the betterment of the organizations and the uplift of the nursery business. Among the interesting papers on the programme were the following: The Department Store and the Nursery Industry Interests, by Ernest Braunton, Los Angeles; Recent Rulings in re Shipping Plants by Parcels Post, by D. W. Coolidge, Pasadena; The Crime of Being a Nurseryman, by W. D. Somerville, Los Angeles; Why Import What We Can Grow On This Coast? by M. McDonald, Orenco, Ore.; Do We Need New Varieties of Commercial Fruits? by Edward J. Wickson, San Francisco; A Publisher's Suggestions to Nurserymen, by Frank Honeywell, San Francisco; For the Good of the Association, by A. T. De La Mare, New York.

Monday, August 16, was designated as "Nurserymen's day" by the officials of the Panama-Pacific exposition, and appropriate features added to the pleasure of the delegates. Following the close of the meeting the visitors were invited to visit Southern California and the San Diego exposition.

The Late Col. G. B. Brackett.

Col. G. B. Brackett, for 18 years chief pomologist of the United States department of agriculture, whose death which occurred at Washington, August 2, as chronicled in these columns, issue of August 7, was born of Quaker parents in Unity, Me., emigrating at an early age with his parents to southern Ohio, where he received his education in the public schools, finishing in the high school of Cincinnati. From his father he inherited a strong desire for outdoor life among fruits and father and son went to Iowa, where they established a nursery and fruit farm. From Denmark, Ia., he volunteered to command a company in the Civil war, and his splendid



The Late Col. G. B. Brackett.

work was highly praised by both Grant and Sherman.

After the war he returned to the nursery and fruit farm, took an active part in public affairs, served on numerous commissions in matters representing the state, more especially agriculture and horticulture, and attracted the attention of national pomologists in 1876, when he made an especially attractive exhibit of wax models, the work of his own hands, of Iowa fruits, at the Centennial exposition. The United States department of agriculture became much interested in the

possibilities of fruit models and in 1891 he was invited to prepare models of the fruits of the United States for permanent reference use in the department and also for use at expositions. Later, 1896 or 1897, he became chief pomologist and remained such until his death, being relieved of executive duties during the last two years.

Though a fighter in fighting times, Col. Brackett was a gentle, warm, full-souled, winsome character that attracted the "peace-loving people" of his later days as strongly as it did "the men of steel" during the days of his youth. In civil life he will be longest remembered for his genuinely good advice about varieties of fruit, importance of good tillage, good spraying, effective grading and packing, and about a host of other matters pertaining to fruit-culture. He has written numerous short articles for the pomological societies, journals, reports and proceedings, and several bulletins upon specific orchard problems. As an active member and some time secretary of the American Pomological Society, he will be greatly missed by a host of fruit growers throughout the land. Not alone in America but in Europe as well, will there be sadness at his departure. In 1900 the Government of France conferred upon him that exceptional honor, Chevalier du merite agricole, for distinguished services to agriculture, especially in pomology.

E. R. L.

PEONIES AND IRIS

Catalogue now ready.

PETERSON NURSERY

Stock Exchange Bldg.

CHICAGO, ILL.

Our Guarantee—We will replace with three all plants not proving true to description.

IMPORTANT

If you have not already read our ad. on page 217, of Aug. 14 issue, it will pay you to do so.

We are offering the largest stock of **Evergreens** in this country, also a very large stock of large **Specimen Shrubs**, 200,000 smaller **Shrubs**, from 18-24 inch up to 3-4 feet.

Stock and prices cannot be excelled by anyone.

The Elizabeth Nursery Co.
Elizabeth, N. J.

JOSEPH HEACOCK COMPANY'S PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	5 to 6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.....	\$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.....	12.50
12-in. ceda tub, 4 plants in tub, 6 ft. high, heavy.....	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.....	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread.....	\$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4	8 to 10.....		\$1.50
4-in. pot.....	5 to 6.....	15	\$0.40	4.50
6-in. pot.....	6 to 7.....	24	1.00	12.00
6-in. pot.....	6 to 7.....	28 to 36.....	1.50	18.00

	Leaves	In. high	Each	Per doz.
9-in. cedar tub.....	6 to 7.....	42 to 45.....	\$4.00	\$48.00
9 n. cedar tub.....	6 to 7.....	45 to 48, very heavy.....	5.00	
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub.....	6 to 7.....	5ft., very heavy.....	8.00	

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER, N. J.

Baltimore Nurseries California Privet

Any quantity, size and age. No better grown Shade and Ornamental Trees, Shrubs and Vines. Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

Franklin Davis Nursery Co.
BALTIMORE, MD.

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

THE
Storrs & Harrison Co.
PAINESVILLE NURSERIES
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION
PAINESVILLE, - OHIO

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

German Iris
PLANT NOW
Eight distinct varieties, Per 100 Per 1000
our selection\$2.50 \$22.50
VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Louis Leroy's Nurseries Company

ANGERS, FRANCE

L. LEVAVASSEUR and L. COURANT, Proprietors-Directors
Established 1795

FRUIT TREE STOCKS AND ORNAMENTAL STOCKS

Exports exceed 25,000,000 stocks annually.

Wholesale Growers and Exporters of
Pear, Apple, Mahaleb, Mazzard, Myrobolan and
Angers Quince Stocks, Forest Trees (seedlings and
transplanted), Evergreens, Ornamental Shrubs,
Manetti, Multiflore and Roses.

ALSO A FULL LINE OF ORNAMENTAL STOCKS

For Wholesale Catalogues (N. N. Edition) giving prices of above items, address us or our American Agent, MR. H. FRANK DARROW, NEW YORK, 26 Barclay Street, or P. O. Box 1250

Our Present Facilities: On account of the geographical situation of our Cultures, and having besides this more than the required number of unmobilized clerks and workmen to do the digging, packing, shipping, etc., of our stocks, we will therefore be quite able to send them over, as usual, in spite of the War.

Extract from General Catalogue (Edition A. F.) gratis and free on demand:

Against 12 cents (cost of postage) and 25 cents (cost of volume)—(which sum of 25 cent will be refunded at the first order of the value of at least \$10.00), our general illustrated descriptive and analytical Catalogue (Edition A. F.), 385 pages and 135 explanatory vignettes giving the full descriptive Nomenclature with prices of all the plants which we cultivate, will be sent free to any person applying for same.

Mention the American Florist when writing

STUART LOW CO.

Headquarters in England for:

FRUIT TREES (field and pot grown for orchard house.)
GRAPE VINES, well ripened pot grown canes.
ACACIAS and other greenhouse plants.
ERICAS, BEGONIAS, CLIMBING PLANTS.
ORCHIDS, leading Hybrids and species.
ROSES, best old and new varieties, field grown.
ROSES, pot grown, for pergolas.

Lists on application.

ROYAL NURSERIES, Bush Hill Park, Enfield, England

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President
Daniel R. Comly Philadelphia, Pa., Vice-President;
S. W. Severance, Louisville, Ky., Secretary;
E. A. Dunbar, Ashtabula, O., Treasurer.

DAYTON, O.—A meeting of the Montgomery County Agricultural Improvement Association, the Florists' and Gardeners' Association and other interested dealers, was held August 7 for the purpose of framing a new market ordinance.

Prices of Indoor Fruits and Vegetables.

Chicago, August 17.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 25 to 30 cents; radishes, \$1.25 to \$2.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; tomatoes, 4 baskets, 35 to 75 cents.

New York, August 17.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, 25 cents to \$1.00 per basket; mushrooms, \$1.00 to \$2.00 per 4-pound basket; tomatoes, 10 cents to 15 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 50 cents to \$1.25; rhubarb, per 100 bunches, 75 cents to \$1.25.

Tomato Insects.

Under the title of "Tomato Insects," the University of Florida agricultural experiment station, Gainesville, has issued Bulletin 125, which will be sent free to anyone interested upon application to the station. The booklet is illustrated and treats of the life history and methods of control of over 20 species of pests that the tomato is a prey to. A list of other plants numbering nearly 50, which are also subject to infestation, is also given.

Among the insects mentioned in the bulletin are the following: Boll-worm, thrips, cutworms, horn worms, aphids, flea beetles, blister beetles, white-lined morning sphinx, army worms, grasshoppers, suckfly, tomato whitefly, plant bugs, miscellaneous insects, and also two diseases to which the tomato is susceptible, root-knot and white mold.

Vegetables Contracted for by Cannery.

Reports received by the Bureau of Crop Estimates for cannery of the United States indicate that the acreage this year for canning purposes of sweet corn is about 4 per cent larger than last year, of peas 18 per cent smaller, and of tomatoes 10 per cent smaller. These estimates are based upon the following totals:

Product.	Number Reporting.	Acreage.			Per Cent.	
		1913	1914	1915	Increase.	Decrease.
Corn	25	139,455	131,135	145,138	4	..
Do	239	119,146	131,135	.....	10	..
Peas	179	88,096	81,758	72,544	..	18
Do	162	83,707	81,758	.....	..	2
Tomatoes	530	97,226	87,654	.....	..	10
Do	708	150,484	141,825	.....	..	6

According to the most recent figures of the United States Department of agricultural, 1,305,000 tons of hay, valued at \$17,626,000, are brought each year into the 11 southern states. In other words, the South produces only four-fifths of the hay that it consumes and imports the other one-fifth.

Spraying Diseased Plants.

There is a widespread belief that spraying, to be effective, must begin before diseases get a start. This is only partly correct. While we cannot recover lost ground, nor make a sick plant well by spraying, we can check the spread of blight, often sufficiently to secure our crop. We have proved this to our satisfaction on melons, tomatoes and celery. In the case of melons, blight often attacks a field just as the fruit is maturing, and if left alone, a lot of inferior fruit is the result, while with careful spraying the foliage can be preserved long enough to mature most of the fruit in good shape. This is true of tomatoes.

It is a serious mistake to believe that the loss of foliage on tomato plants is beneficial to the fruit—they may ripen in color, but the quality is inferior. If only part of the foliage could be saved until the main crop has been gathered, it would be a large gain. Last year we interplanted early cabbage with Golden Self-Blanching celery. Owing to the great growth of cabbage, we could not spray the celery until the cabbage was marketed. By that time the celery was almost dried up from the effects of blight. We started to spray twice a week, and after several weeks, once a week, and raised a fine crop of celery by November. What is needed in such cases is constant attention—every few days to carefully cover all new growth made.

Root action goes hand in hand with foliage, hence any foliage saved means increased root action. The mistake commonly made is that operators expect one spraying to turn the trick.

MARKETMAN.

PEONIES

25 Acres—Best Varieties.

Write for Prices.

Gilbert H. Wild, Sarcoxie, Mo.

Mention the American Florist when writing



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co. St., Paul, Minn
Mention the American Florist when writing

ROSES

1-year, pot-grown, in good assortment. New crop offerings in Fall List, September.

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

SPECIAL SALE OF Asplenium Nidus Avis (Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4-in. pans..... \$ 4.00 per doz.
- 5-in. pans..... 6.00 per doz.
- 6-in. pans..... 12.00 per doz.
- 7-in. pans..... 15.00 per doz.
- 8-in. pans..... 24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2 1/4-inch pots a Specialty.

H. PLATH, THE FERNERIES,
Lawrence and Winnipeg Aves.,
SAN FRANCISCO, CALIF.

Winter Onion Sets



Vaughan's Seed Store
CHICAGO

Landscape Gardening



PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettices, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per 1/4 oz., \$1.00 per 1/8 oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

**J. A. Peterson
& Sons**
Wholesale
Plant Growers

3132 McHenry Ave.,
Westwood,
CINCINNATI, O.



Specialties

New
Winter Flowering
Begonias

Mrs. J. A. Peterson (1915)
Melior (1914)
"Glory of Cincinnati"
Cyclamen Giganteum
Pandanus "Veitchii"
Asplenium Nidus Avis
Hydrangeas in Specimens

BEGONIA "GLORY OF CINCINNATI" (As it looks in December)

NO Winter-flowering plant of recent introduction has given better satisfaction for the Holiday trade, to the florist and customer alike, than this beautiful Begonia when properly grown; it lasts in bloom in the residence for a long time, and gives satisfaction.

We have this season a fine lot of young thrifty plants to offer (the best we ever had), strong plants from 2½-inch pots ready for 4-inch, at \$18.00 per 100; \$150.00 per 1000; extra heavy plants in 4-inch pots ready for 6-inch, at \$40.00 per 100; these will make fine specimens for the Christmas Trade.

What plant can you grow that gives you better and quicker returns?

J. A. PETERSON & SONS, Cincinnati, Ohio

Mention the American Florist when writing

**Some Excellent Stock
In Abundance**

Liberal extras for early orders

Size of pnts.	100	1000
2¼-in. Asparagus Plumosus	\$2.50	\$22.50
3-in Asparagus Plumosus	5.00	45.00
4-in Asparagus Plumosus, 1½-g pots	7.50	70.00
2½-in. Asparagus Sprengeri	2.50	22.50
4-in. Asparagus Sprengeri	6.50	60.00
2¼-in. Begonia Chatelaine	6.00	55.00
3-in. Begonia Chatelaine	10.00	95.00
2½-in. Begonia Erfordi and Luminosa	4.00	38.00
3-in. Begonia Erfordi and Luminosa	7.50	70.00
2¼-in. Primula Obconicas. Fancy mixed or separate colors	2.50	22.50
2¼-in. Chinese Primrose. Choice mixed	3.00	25.00
2¼ in. Cinerarias. Assorted	2.35	20.00
2½-in. Smilax	2.50	22.50
2¼-in. Cyclamen. Eight varieties	6.00	55.00
3-in. Cyclamen. Eight varieties	8.00	75.00
10,000 Ferns—From bench: Boston, Scottii, Elegantissima, Piersoni, etc.	\$12.50, \$15.00 and \$20.00 per 100.	
Field Grown Violet Plants. Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell; in 3-in. pot, \$5.00 per 100, \$45.00 per 1000.		
2¼-in Violet Plants—Marie Louise and Lady Campbell, \$3.00 per 100, \$25.00 per 1000.		
3-in pot plants. \$4.00 per 100, \$35.00 per 1000.		

Send your orders today. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist, WASHINGTON, N. J.

Mention the American Florist when writing

Poinsettias

Out of 2½-inch pots. Good, strong and healthy stock, \$4.50 per 100.

JOS. CHONTOS,

R. F. D. No. 1, MCKEESPORT, PA.

Mention the American Florist when writing

CYCLAMEN



Giant English Grown

Each, \$1.00 per 100; \$8.00 per 1000 seeds.

Rosy Morn, Grandiflora Alba, Excelsior, Princess May, Mauve Queen, Duke of Fife, Princess of Wales.

Giant German Grown

Each, 65c per 100; \$5.00 per 1000 seeds.

Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.

Glory of Wandsbek.

Attractive salmon. Price—100 seeds, \$1.25; 250 seeds, \$2.85; 1000 seeds, \$10.00.

PRIMULA Vaughan's International Mixture. } As much liked as our
1-16 oz., \$4.00; 350 seeds, 50c. } Pansy seed of this name.

MIGNONETTE.

New York Market..... Oz., \$7.00; ¼ oz., \$1.00; Trade pkt., 50c
Grown for us for years by a mignonette specialst.

Giant Machet.....Oz., 75c; ¼ oz., 40c; Trade pkt., 10c

VAUGHAN'S SEED STORE, CHICAGO, NEW YORK

Mention the American Florist when writing

'A BIRD IN THE HAND'



You know the adage. Well, a **Hydrangea** in America is worth several **Azaleas** in Belgium right now. Of course, the **Azaleas** may get out of Belgium; we don't **know**; conditions may **change**; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock when there is plenty of good forcing stock **right here at home**—"Made in America"—stock that you know you can depend on?

HYDRANGEAS

For example. We offer:

- Otaksa, with 7 to 10 branches.....at \$25.00 the 100
- Otaksa, with 5 and 6 branches.....at 20.00 the 100
- Otaksa, with 4 branches.....at 15.00 the 100
- French Novelties, all the best ones, at 5.00 the 100 addition for the same sizes!!!

They are all in six inch pots now, plunged outside, and growing like weeds, rich deep-green healthy foliage, and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next Spring. Stick a pin in that. We want every progressive florist to get in touch with us.

Wholesale Only—

Ours Are "Made In America."

JACKSON & PERKINS COMPANY, Newark, New York

Mention the American Florist when writing

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

BOX WOODS—Most Beautiful Stock

- Pyramids, 2 ft.....\$1.00 each
- Pyramids, 2½-ft..... 1.50 each
- Pyramids, 3 ft..... 2.00 each
- Pyramids, 3½-ft..... 2.50 each
- Standard Shape, 14x14 in..... 2.50 each
- Globes, 14x14 in..... 3.00 each
- Heavy Bushes, 2-ft..... 1.50 each
- Nice Bushes, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. \$2.50 per 1000. 5000 for \$10.00.

Elmer Rawlings, Home of Pansies, ALLEGANY, N. Y.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Arancaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing

Vaughan's Bostons For Growing On—

	Per 100	Per 1000
Heavy Stock, 2½-inch - - - - -	\$5.00	\$45.00
BEGONIA CININNATI, 3-inch, - -	20.00	175.00
BEGONIA LORRAINE, 3-in., ready to shift.	18.00	170.00
ASPAR. PLUMOSUS NANUS, 2¼-in.,	3.00	25.00
“ “ “ Seedlings,		6 00
“ SPRENGERI, Seedlings, - -		6.00
AMPELOPSIS VEITCHII, strong, doz.,	\$3.50.	
CROTONS, 4-inch, per doz., \$6.00; 5-inch, per doz., \$8.00; 5-inch, special, per doz., \$12.00.		
ARAUCARIAS, 5-inch, each, \$1.00; per doz., \$12.00.		
HYDRANGEA OTAKSA, strong home-grown stock, 4-inch, each, 25c; doz., \$2.50; 100, \$20.00. 6-inch, each, 60c; doz., \$6.50; 100, \$50.00. October delivery.		
PRIMULA OBCONICA, asst. and PRIMULA MALACOIDES, strong 2½-inch, per 100, \$4.00; per 1000, \$35.00.		

See Adv. Poinsettia and Cyclamen front page.

VAUGHAN'S SEED STORE

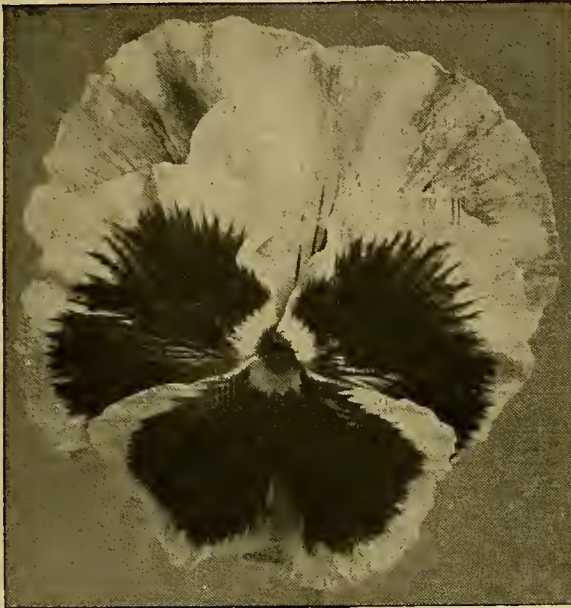
Greenhouses, Western Springs, Ill.

31-33 W. Randolph Street, CHICAGO.

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Dreer's Perfect Pansies

We fully realize the importance of sending out only the best qualities of Pansies. Our stocks are received from careful growers, and are not surpassed either for quality or germination.



Type of Royal Exhibition Pansy.

Pansies in Mixture

	Trade pkt.	Per oz.
Dreer's Royal Exhibition. This is our finest mixture. It comprises a wonderful variety of colorings, flowers of largest size, of perfect form and texture. 1/2 oz., \$1.25.....	\$0 50	\$8 00
Dreer's Premium. This mixture comprises a large number of colorings and is intended to supply the want of a first-class mixture at a moderate price	50	4 00
Cassler's Giant. A grand mixture of the finest blotched varieties, splendid in every way.....	40	2 50
Masterpiece (Frlled Pansy). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive; the rich, dark velvety shades predominating	50	4 00
Mme. Perret. A beautiful strain; flowers of largest size and borne very freely in great diversity of colors; especially rich in red and wine shades. The stock we offer comes direct from the introducer.....	40	2 50
Giant Trlmardeau. Of strong, robust growth with very large flowers in a good range of colors	25	1 00
Giant Parisian. Of very large size, and containing a great many fancy colors and color combinations.	40	2 00
English Finest Mixed. A very fine mixture.....	20	75
Good Mixed. All colors.....	15	50

Pansies in Separate Colors

	Trade pkt.	Per oz.		Trade pkt.	Per oz.
Cardinal. The brightest red.....	\$0 25	\$1 00	Giant Adonis. Lavender blue.....	\$0 30	\$1 50
Emperor William. Ultramarine blue.....	25	1 00	Emperor William. Bright blue.....	30	1 50
Faust or King of the Blacks. Black purple.....	25	1 00	Fire King. Purple and gold, fine.....	30	1 50
Kaiser Frederick. Velvety brown, edged red and yellow. Very rich.....	25	1 00	Freya. Rich wine color, edged white.....	30	1 50
Lord Beaconsfield. Purple shading to white..	25	1 00	Golden Queen. Rich pure yellow.....	30	1 50
Mahogany Color.	25	1 00	Lord Beaconsfield. Purple, shading to white.....	30	1 50
Peacock. Blue, claret and white.....	25	1 00	Prince Henry. Royal blue.....	30	1 50
Psyche. Purple violet, edged white.....	40	2 50	Rainbow. Peacock blue, white and red.	30	1 50
Snow Queen. Pure white.....	25	1 00	Snow Queen. Pure white.....	30	1 50
White, with dark eye	25	1 00	Striped.	30	1 50
Yellow, with dark eye	25	1 00	White, with dark eye	30	1 50
Yellow Gem, pure yellow	25	1 00	Yellow, with dark eye	30	1 50
			Trimardeau. Finest Mixed. All colors.	25	1 00

For list of Daisies, Forget-me-nots, Cinerarias, Primulas, Etc., see our Wholesale List.

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

LAST CALL FOR Chrysanthemums

Including Some of the Newer Ones.

ASK FOR LIST.

\$3.00 per 100. \$25.00 per 1000.
Cash with order.

Elmer D. Smith & Co.
ADRIAN, MICH.

CARNATIONS

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LaFayette, - - Indiana

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Forbesi, Malacoides, Obconica Alba Rosea, Ruby, \$2.00 per 100.
Obconica Gigantea, \$2.50 per 100.
Plumosus, \$2.00 per 100.
Pansy Seed, Giant Flowering, oz., \$4.00.
Chinese Primroses, \$2.00 per 100.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

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A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

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A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt. Buchner, Ricard, Perkins. Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2 1/4-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

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MADISON, NEW JERSEY.
Wholesale Florist

Chrysanthemum Novelties My Specialty

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

ALYSSUM, double giant, very strong, 2-inch, \$2 per 100; \$18 per 1000. C. HUMFELD, Clay Center, Kans.

AMPELOPSIS.

Ampelopsis Veitchii, strong, \$3.50 per doz. Vaughan's Seed Store, Chicago and New York.

ARAUCARIAS.

Araucaria Excelsa, 4-inch, 5 to 6-ins., 2 tiers, 30c each; 5-in., 8 to 10 ins., 3 tiers, 40c; 5-in., 10 to 12 ins., 3 tiers, 60c; 6-in., 12 to 15 ins., 3 to 4 tiers, 75c; 6-in., 16 to 18 ins., 4 tiers, \$1; 7-in., 18 to 20 ins., 4 to 5 tiers, \$1.25. Excelsa Glauca, 6-in. pots, 8 ins. high, 2 tiers, 75c; 7-in., 12 to 14 ins., 3 to 4 tiers, \$1.25. Robusta Compacta, 6-in., 10 to 12 ins., 2 tiers, \$1; 6-in., 12 to 14 ins., 3 tiers, \$1.25; 7-in., 14 to 16, 3 tiers, \$1.50. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Araucaria Excelsa, 4c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Pöehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucarias, 5-inch, \$1 each; \$12 per doz. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryau, Washington, N. J.

STRONG ASPARAGUS PLUMOSUS PLANTS.

\$2.00 per 100; \$18.00 per 1,000
GEORGE REINBERG,
162 North Wabash Ave., Chicago, Ill.

Asparagus plumosus nanus, 2 1/2-inch, \$3 per 100; \$25 per 1,000; seedlings, \$6 per 1,000. Sprengeri, seedlings, \$6 per 1,000. Vaughan's Seed Store, Chicago and New York.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; 4-inch, 8c and 10c. C. HUMFELD, Clay Center, Kans.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus plants, from flats, grown from our own greenhouse seed, \$8 per 1,000. B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus, 2 1/2-inch, \$3 per 100; \$28 per 1,000; 3-inch, \$6 per 100; \$55 per 1,000. Pöehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. A. Henderson & Co., 369 River St., Chicago.

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ASTERS, invincible Henderson's seed and as fine and healthy plants that grow in white, pink, purple, rose and blue, \$3 per 1,000; \$2.50, 5,000 or more. Cash. JAMES MOSS, Wholesale Grower, Johnsville, Pa.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

BEGONIA CINCINNATI, 2 1/2-inch, \$15 per 100; 3-inch, \$25 per 100. Florence Davenport, 2 1/2-inch, \$15 per 100. BEGONIA MELLOR, 2 1/2-inch, \$25 per 100. CHATELAINE, 2 1/2-inch, \$5 per 100; 4-inch, \$15 per 100. ER-FORDIT, PRIMA, DONNA, TRIUMPH, 2 1/2-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Cincinnati, 3-inch, \$20 per 100; \$175 per 1,000. La Lorraine, 3-inch, \$18 per 100; \$170 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Cincinnati, 2 1/2-inch, \$17.50 per 100; \$150 per 1,000; Begonia Lorraine, 3-inch, \$20 per 100; 4-inch, \$25 per 100. S. S. Skidelsky, & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia Glory of Cincinnati, 2 1/2-inch pots, ready for 4-inch, \$18 per 100; \$150 per 1,000; 4-inch, ready for 6-inch, \$40 per 100. J. A. Peterson & Sons, Cincinnati, O.

Begonia Cloire de Chatelaine and Pätzeri Triumph, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Lorraine, 2 1/2-in. pots, \$12 per 100; \$110 per 1,000. Begonia Glory of Cincinnati, 2 1/2-in. pots, \$15 per 100; \$140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Chatelaine, 4-inch pots, \$15 per 100. Pöehlmann Bros. Co., Morton Grove, Ill.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy, uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.

BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.

THE D. HILL NURSERY CO., Inc.,
BOX 404, DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark-St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand; Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs—French Paper White Grandiflora, fancy, 1,250 bulbs to case, \$9 per 1,000; Star Brand, 1,000 bulbs to case, \$11 per 1,000. Precocious, Vaughan's Extra Early Grandiflora, select bulbs, 13 ctm. and up, \$9 per 1,000; mammoth bulbs, 14 ctm. and up, \$12 per 1,000. Liliun Formosum, new crop, 7-9-inch, 250 bulbs to case, \$60 per 1,000; 9-10-inch, 180 bulbs to case, \$80 per 1,000. Liliun Harrisii, Bermuda stock, 6-7-inch, 335 to case, \$16.50 per case; 7-9-inch, 200 bulbs to case, \$15 per case. Callas, 1 1/2-1 3/4-inch, \$50 per 1,000; 1 1/2-2-inch, \$50 per 1,000; 2-2 1/2-inch, \$100 per 1,000. Cold Storage Hyacinths: Giganteum, 7-9-inch, 300 bulbs to case, \$15 per case; 9-10-inch, 200 bulbs to case, \$16.50 per case. Formosum, 8-9-inch, 225 bulbs to case, \$14 per case. Vaughan's Seed Store, Chicago, Ill.

BULBS.

Bulbs, Liliun Harrisii, 6 to 7-inch bulbs, 350 to case, \$15 per case; 7 to 9-inch, 200 to case, \$15 per case. Cold Storage Giganteum, 7 to 9-inch, 300 to case, \$15 per case; 9 to 10-inch, 200 to case, \$17 per case. F. R. Pierson, Tarrytown, New York.

Calla bulbs, 2 1/2 to 3-in. diam., \$7 per 100; \$60 per 1,000; 2 to 2 1/2-in. diam., \$6 per 100; \$50 per 1,000; 1 1/2 to 2-in. diam., \$5 per 100; \$40 per 1,000; 1 to 1 1/2-in. diam., \$2 per 100; \$15 per 1,000. Santa Cruz Bulb and Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellcott St., Buffalo, N. Y.

CALLA BULBS, 1 1/2 to 1 3/4-inch, \$30 per 1,000; 1 1/2 to 2-inch, \$50 per 1,000. EMILE SERVEAU, 2112 Fillmore St., San Francisco, Calif.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Giganteum, cold storage, 9-10, 200 to case, \$17; 7-9, 300 to case, \$15. St. Louis Seed Co., 411-13 Washington Ave., St. Louis, Mo.

CANNAS.

CANNAS, good varieties, strong plants in 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

400,000 FIELD-GROWN CARNATION PLANTS. LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT. GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

WHITE WONDER	Per 1,000	\$60.00
WHITE PERFECTION		50.00
WHITE ENCHANTRESS		50.00
PINK ENCHANTRESS		50.00
BEACON		50.00
COMFORT		55.00
PHILADELPHIA		70.00

500 AT 1,000 RATE.
PITTSBURGH CUT FLOWER COMPANY.
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THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES.
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116-118 SEVENTH ST., PITTSBURGH, PA.
YOURS FOR THE ASKING—A BEAUTIFUL PICTURE—"ACRES OF GLASS."

FIELD-GROWN CARNATION PLANTS.

Enchantress Supreme	100	1,000
Champion	\$6.00	\$50.00
Philadelphia	6.00	50.00
Beacon	6.00	50.00
White Perfection	6.00	50.00
White Wonder	6.00	50.00
Enchantress	6.00	50.00
Mrs. C. W. Ward	6.00	50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.
George Peters & Sons, New York

FINE FIELD CARNATIONS.

Strong, clean, bushy plants.	100	1,000
White Enchantress	\$5.00	\$45.00
Pink Enchantress	5.00	45.00
Rose Pink Enchantress	5.00	45.00
White Perfection	5.00	45.00
Washington	5.00	45.00
Bright Spot	5.00	45.00
Beacon	5.00	45.00

THOS. SALVESON,
Petersburg, Illinois

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS.

Fine, clean, healthy stock, which leading florists everywhere recognize as the best obtainable. Our plants are unusually fine this season and we advise placing orders early for immediate or future delivery. The demand is heavy for good stock and we fill all orders in rotation. Order today.

Washington	100	1000
White Enchantress	\$5.00	\$45.00
Champion	6.00	55.00
White Perfection	6.00	55.00
White Wonder	5.00	45.00
Victory	5.00	45.00
Rosette	5.00	50.00
Pink Enchantress	5.00	50.00
Philadelphia	6.00	55.00

WIETOR BROS.,

Wholesale Florists,

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CARNATION FIELD PLANTS.

IMMEDIATE DELIVERY.

Extra strong carnation field plants, having from 12 to 20 shoots. Northport, Enchantress. White Enchantress, Commodore, C. W. Ward, \$6 per 100; \$50 per 1,000. White Wonder, Peerless, \$7 per 100; \$60 per 1,000. Champion, Matchless, \$8 per 100; \$70 per 1,000.

J. D. Thompson Carnation Co.,

Joliet, Ill.

25,000 FINE FIELD-GROWN

CARNATION PLANTS.

White Wonder	100	1,000
Enchantress	\$6.00	\$50.00
	6.00	50.00

SINNER BROS.,

155 North Wabash Ave., Chicago.

Carnations, Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, White Perfection, Mrs. C. W. Ward, \$4 per 100; \$35 per 1,000. Philadelphia, \$5.50 per 100; \$50 per 1,000. Zoe Symonds, \$4.50 per 100; \$40 per 1,000. Washington, \$6 per 100; \$50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

CARNATIONS.

Pink Enchantress	Per 100	\$6.00
White Enchantress		6.00
Beacon		7.00
Herald		8.00

R. O. LOMMATZSCH,

R. No. 1, La Grange, Ill.

Fine FIELD-GROWN CARNATION PLANTS. \$5 per 100; 700 Enchantress, 900 White Perfection, 400 Lawson, Pink, 300 Winsor, Pink, 150 White Enchantress, 100 Beacon. JOHN NELSON CO., 147 Main and 1003 Ninth Sts., Oshkosh, Wis.

FIELD-GROWN CARNATIONS. — Large, strong, healthy plants: Victory, \$5 per 100; \$40 per 1,000. White Perfection, \$5 per 100; \$40 per 1,000. Also a few Joy, Champion, Afterglow and Rosette at clean-up prices. J. A. BUDLONG, 82-84 East Randolph St., Chicago.

FIELD-GROWN CARNATIONS: Enchantress, White Enchantress, Rose Pink Enchantress, Philadelphia, O. P. Bassett, Beacon, \$6 per 100; \$55 per 1,000. Cash please. HARRY HEINL, West Toledo, Ohio.

Carnations, field-grown: White Perfection, Enchantress, Philadelphia, Beacon, Champion, \$6 per 100; \$55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.	Per 100	Per 1,000
Smith's Advance	\$2.00	\$15.00
October Frost	2.00	15.00
Alice Byron	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
CRIMSON.		
Shrimpton	2.00	15.00
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2 1/2-INCH POTS.

Per 100	Per 1,000
Smith's Advance	\$2.50 \$20.00
October Frost	2.50 20.00
Alice Salomon	4.00 35.00
Alice Byron	2.50 20.00
Chas. Razer	2.50 20.00
Lynwood Hall	2.50 20.00
Shrimpton	2.50 20.00
Golden Salomon	4.00 35.00

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.

CHRYSANTHEMUMS.

Chrysanthemum, Elsie Papworth, Oct. Frost, Chadwick, T. Eaton, Ocoato, A. Salomon, V. Poehlmann, O. H. Kahn, Shrimpton, McNiece, Enguehard, Maud Dean, R. B. Loeben, Patty Wells Late Pink, Chieftain, Golden Glow, Yellow Salomon, Yellow Eaton, Chrysolora, \$3 per 100; \$18 per 1,000. Pompons: Krut, Skibo, Big Baby, Klondyke, Mike Gabel, Baby, La Graver, Quinola, Lillian Doty, Parkinson, Mensa, \$3 per 100; \$25 per 1,000. Miss Marvella French, \$8.00 per 100; \$70 per 1,000. Miss Pauline Anderson, \$4 per 100; \$35 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and aingles, 2 and 2 1/2-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Last call for chrysanthemums, including some of the newer ones. Ask for list. \$3 per 100; \$25 per 1,000. Elmer D. Smith & Co., Adrian, Mich.

Pompon chrysanthemums, good assortment, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, cut back, have good, grown top; sample sent, the best brand, fine stock plants, 3-inch, \$4 per 100. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

COLEUS, good assortment, 2 1/2-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS, Brillancy or Xmas Red, 3-inch, \$1 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Crotons, 4-inch, \$6 per doz.; 5-inch, \$8 per doz.; 5-inch special, \$12 per doz. Vaughan's Seed Store, Chicago and New York.

CYCLAMEN.

CYCLAMEN, my prize strain, ready in August: Perle and Rose of Zehlendorf, 4-inch, 20c. Glory and Rose of Wandshek, 4-inch, 18c. White, glaring red, 4-inch, 15c. White red eye, Victoria, 4-inch, 15c. Every one a good one. Cash with order, please. RALPH J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN GIG., Wandshek type, finest in existence. 2 1/2-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000; 4-inch, \$15 and \$20 per 100. ERNEST ROBER, Wilmette, Ill.

Cyclamen, best German strain, 3-inch, \$8 per 100; 4-inch, \$15 per 100; 4-inch select, \$20 per 100. Seedlings from flats, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2 1/2-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, \$10 per 100; \$90 per 1,000. Julius Rehrers Co., Rutherford, N. J.

Cyclamen from 3-inch pots, best varieties, \$10 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McChlough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracaena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACAENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

Ferns, Boston, Roosevelt and Whitmani, 5-inch, 25c each; \$23 per 100; 6-inch, 50c each; \$45 per 100; 7-inch, 75c each; 8-inch, \$1 each; 10-inch, \$2 to \$2.50 each; 12-inch, \$3 to \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

100,000 good atrong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2 1/2-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,

SPRINGFIELD, OHIO.

Exclusive Fern Growers,

BOSTON, ROOSEVELT, WHITMANI, SCHOLZELI.

Dark green—Choice Stock—Low Price. Boston, Roosevelt, Whitmani, Scholzeil, 3-inch, 8c.

Boston, Roosevelt, 4-inch, 12 1/2c.

Boston, Whitmani, 6-inch, 45c.

GULLETT & SONS. LINCOLN, ILLINOIS.

Asplenium nidus avis (Birdnest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernidish ferns in flats and 2 1/2-in. a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Boston Ferns, fine 6-inch, 35c—100; smaller lots, 40c. Cash. H. W. ALLERSMA, Grand Rapids, Mich.

Boston Ferns, a few hundred 3-inch at \$6 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns, from bench, Boston, Scottii, Elegantisima, Piersoni, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Ferns in flats, all varieties, \$2 per flat, 20 or more flats, \$1.75 each. McHutchison & Co., 17 Murray St., New York.

Boston ferns for planting, 2 1/2-inch, \$5 per 100; \$45 per 1,000. Vaughan's Seed Store, Chicago and New York.

Boston Ferns, fine 2 1/2-inch, \$4 per 100; \$35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns from bench, \$12 and \$15 per 100; 3-inch, \$35 per 1,000; runners, \$12 per 1,000. T. Febrnan, 3744 No. Lamom Ave., Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Joseph Heacock Co., Wyncote, Pa.

FREESIAS.

Freesia. Purity bulbs, true, 3/4 to 1-in. diam., \$1.25 per 100; \$9 per 1,000; 3/4 to 3/8-in. diam., \$1 per 100; \$7.50 per 1,000; 1/2 to 3/8-in. diam., 75c per 100; \$5 per 1,000. 500 at 1,000 rate. Santa Cruz Bulb and Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

FREESIAS—True "Purity" Freesia Bulbs, best California field-grown, A1 stock. Special prices on large orders to close out stock, 1/2 to 3/4, \$5 per 1,000; 3/4 to 1/2, \$2.75 per 1,000. LILYDALE BULB COMPANY, SANTA CRUZ, CALIFORNIA.

Freesia bulbs, True Purity, 3/8-in. diam., \$1.80 per 100; \$16 per 1,000; 1/2-in. diam., \$1.50 per 100; \$14 per 1,000; 3/8-in. diam., \$1.20 per 100; \$11 per 1,000. St. Louis Seed Co., 411-13 Washington Ave., St. Louis, Mo.

Freerias, 1/2 to 3/4-inch, \$8 per 1,000; 3/4-inch and up, \$10 per 1,000; Purity, 3/8-1/2-inch, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, standard varieties, 3-inch, \$3 per 100; \$25 per 1,000. Booking orders for next season delivery of 2-inch, \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HARDY FERNS.

HARDY FERNS. Illustrated descriptive list mailed. L. MOSBÆK, Ferendale, Askov, Minn.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emans, Newtco, N. J.

HYDRANGEAS.

"A Bird in the Hand"—You know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otaksa, with 7 to 10 branches, at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. **FRENCH NOVELTIES,** all the best ones, at \$5 the 100 in addition for the same sizes. They are all in six-inch pots now, plunged outside, and growing like weeds, rich deep-green, healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY,

NEWARK, NEW YORK.

Wholesale only. Ours are "Made in America."

Hydrangea Otaksa, home-grown stock, 4-inch, 25c each; \$2.50 per doz.; \$20 per 100; 6-inch 60c each; \$6.50 per doz.; \$50 per 100. Vaughan's Seed Store, Chicago and New York.

HYDRANGEAS, Otaksa, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley. Bruu's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2 for 100. Florists' Money Maker, best Valley at moderate prices, \$14 for 1,000; \$7.50 for 500; \$4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley, Cold Storage, packed in cases of 500 pips each, \$9 per case. F. R. Pierson Co., Tarrytown, New York.

MISCELLANEOUS.

Cyperus Alterifolia (umbrella plant), 4-inch, \$8 per 100. Pochmann Bros. Co., Morton Grove, Ill.

UMBRELLA plants, strong 3 to 5-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Let us quote you on your Mushroom Spaw. Buy direct from manufacturers and get selected Spaw at lower prices. Canadian Mushroom Growers, Ltd., Lindsay, Ontario.

Mushroom spaw. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock: Large specimen evergreens and shrubs, hardy perennials. For varieties and sizes see advertisement elsewhere in this issue. The Elizabeth Nursery Co., Elizabeth, N. J.

Nursery stock: Pear, apple, Mahaleb, Mazzard, Myroholan and Aogers Quince stocks, forest trees (seedlings and transplanted), evergreens, ornamental shrubs, manetti, multiflora and roses. Louis Leroy's Nurseries Co., Aogers, France.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ONION SETS.

Winter onion sets now ready. Vaughan's Seed Store, Chicago and New York.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.**KENTIA BELMOREANA.**

Single Plants.

4-inch pots,	6 to 7,	18	Each.
6-inch pots,	6 to 7,	24	.... \$ 0.40
6-inch pots,	6 to 7,	28	.... 1.00
6-inch pots,	6 to 7,	32 to 30...	1.50
6-inch pots,	6 to 7,	32 to 34...	2.00
7-inch pots,	6 to 7,	36	.... 3.00
8-inch tubs,	6 to 7,	38	.... 3.50
8-inch tubs,	6 to 7,	48	.... 5.00
8-inch tubs,	6 to 7,	58 to 64...	7.50

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins.... \$ 1.50
7-inch pots, 3 plants in a pot, 38 ins.... 3.50
Specimens, very heavy.....\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

4-inch pots,	5 to 6,	18 to 20...	Each.
6-inch pots, <td>5 to 6, <td>28 to 30...</td> <td>1.00</td> </td>	5 to 6, <td>28 to 30...</td> <td>1.00</td>	28 to 30...	1.00
6-inch pots, <td>6 to 7, <td>34 to 36...</td> <td>1.50</td> </td>	6 to 7, <td>34 to 36...</td> <td>1.50</td>	34 to 36...	1.50
6-inch pots, <td>6 to 7, <td>38 to 42...</td> <td>2.00</td> </td>	6 to 7, <td>38 to 42...</td> <td>2.00</td>	38 to 42...	2.00
6-inch pots, <td>6 to 7, <td>44 to 46...</td> <td>2.25</td> </td>	6 to 7, <td>44 to 46...</td> <td>2.25</td>	44 to 46...	2.25
8-inch tubs, <td>6 to 7, <td>46 to 48...</td> <td>3.50</td> </td>	6 to 7, <td>46 to 48...</td> <td>3.50</td>	46 to 48...	3.50
8-inch tubs, <td>6 to 7, <td>50 to 54...</td> <td>5.00</td> </td>	6 to 7, <td>50 to 54...</td> <td>5.00</td>	50 to 54...	5.00
8-inch tubs, <td>6 to 7, <td>5 ft.....</td> <td>6.00</td> </td>	6 to 7, <td>5 ft.....</td> <td>6.00</td>	5 ft.....	6.00
10-inch tubs, <td>6 to 7, <td>5 to 5½ ft.</td> <td>8.00</td> </td>	6 to 7, <td>5 to 5½ ft.</td> <td>8.00</td>	5 to 5½ ft.	8.00
10-inch tubs, <td>6 to 7, <td>6 to 6½ ft.</td> <td>10.00</td> </td>	6 to 7, <td>6 to 6½ ft.</td> <td>10.00</td>	6 to 6½ ft.	10.00

PHOENIX ROBEBENII.

4-inch pots, nicely characterized.....	Each.
7-inch pots, 22-ins. high, 30 to 32-in. spread.....	\$ 0.50
7-inch pots, 26 ins. high, 34 to 36-in. spread.....	2.00
8-inch tubs, grand specimens.....	2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....	\$5.00 to 7.00

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot.....	\$ 1.00
7-inch pots, 3 plants in a pot.....	2.00
8-inch tubs, 5 plants in a tub.....	3.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22-ins. high, \$1 each; \$12 per doz.; Phoenix Roebeleinii, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, \$7.50 to \$35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. For varieties, sizes and prices, see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANDANUS.

PANDANUS Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each; 6-inch strong, \$1 each; 7-inch, \$1.50 each; 8-inch, \$2. Pochmann Bros. Co., Morton Grove, Ill.

PEONIES.

FRENCH PEONIES can be shipped with celerity and security via Bordeaux-New York. Catalogues free. Dessert, PEONY SPECIALIST, Cheuconceaux (T. & L.), France.

Peonies. We have an exceptionally large stock of our own growing, strictly true to name. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Peonies. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

Peonies. 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

POINSETTIAS.**POINSETTIAS HEADQUARTERS.**

All top cuttings, 2½-in., \$5 per 100; \$45 per 1,000; fine stock. Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$3 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, true type, large bract kind, 2½-inch paper pots, \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Poinsettias, the stock that will suit, 2½-inch, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Poinsettias, 2½-inch pots, \$4.50 per 100. Joseph Choutos, R. F. D. No. 1, McKeesport, Pa.

PRIMULAS.

PRIMULA OBCONICA GRANDIFLORA and **GIGANTEUM,** 2½-inch, \$3 per 100; 3-inch, \$6 per 100. **MALACOIDES,** 2½-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primula obconica, mixed or separate colors, 2½-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2½-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryau, Washington, N. J.

PRIMULA OBCONICA, Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

Primula obconica and Malacoides, 2½-inch, \$4 per 100; \$35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Primroses, Chinese, Forbesi, Malacoides, obconica alba, rosea, Ruby, \$2 per 100. Obconica Gigantea, \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses—Grafted 3½-inch stock: Hadley, Bulgaria, Cecile Brunner, \$140 per 1,000. Own-root, 3½-inch stock: Hadley, Milady, Cecile Brunner, Bulgaria, Prince d'Arenberg, \$90 per 1,000. Grafted 2½-inch stock: Killarney Brilliant, Hadley, Bulgaria, \$80 per 1,000; Russell, \$90 per 1,000. Own root, 2½-inch stock: White Killarney, Milady, Bulgaria, \$40 per 1,000. Grafted 4½-inch, Bulgaria, \$120 per 1,000. Pochmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS.

Five healthy stock ready for immediate shipment. If you want the best, place your order with us.

Per 100 Per 1,000
Pink Killarney, 2-inch.....\$4.00 \$35.00
White Killarney, 2-inch..... 4.00 35.00
Killarney Brilliant, 2-inch..... 7.00 60.00

162 North Wabash Ave., CHICAGO.

GRAFTED ROSES—VERY FINE.

Killarney, White Killarney, 3-inch.....\$10.00
Killarney Brilliant, 3-inch..... 10.00

BENCH PLANTS.

150 Aaron Ward, grafted, one-year.....\$5.00
650 Milady, grafted, one-year..... 5.00
300 Killarney, grafted, two-year..... 4.50

GULLETT & SONS, LINCOLN, ILLINOIS.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses, field-grown, hybrid perpetuals, creeping and climbing. Write for list and prices. Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Geo. A. Kuhl, Pekin, Ill.

SEEDS.

Seeds, Pansy, Barnard's Florists' Mixture, Trade packet, 25c; ½ oz., \$1; ½ oz., \$3.50; oz., \$7. Giant Mixture, trade pkt., 20c; ½ oz., 50c; oz., \$4. Calceolaria Hybrid grandiflora, trade pkt., 50c. Cineraria Hybrid grandiflora, trade pkt., 50c. Primula Sienensis fimbriata, separate colors and mixed, trade pkt., 50c. Seeds of hardy perennials. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, cyclamen, Giant English grown, each, \$1 per 100; \$8 per 1,000 seeds: Rosy Morn, Excelsior, Minue Queen, Princess of Wales, Grandiflora alba, Princess Mny, Duke of Fife. Giant, German grown, each, 55c per 100; \$5 per 1,000 seeds: Pure white, dark Crimson, Rosa Von Marienthal, dark rose, white with carmine eye, Glory of Wandsbek, attractive salmon, \$1.25 per 100; \$2.85 per 250; \$10 per 1,000 seeds. Primula: Vaughan's International mixture, 1-16 oz., \$4; 350 seeds, 50c. Mignonette, New York Market, oz., \$7; 1/2 oz., \$1; trade packet, 50c. Giant Machel, oz., 75c; 1/4 oz., 40c; trade packet, 10c. Vaughan's Seed Store, Chicago and New York.

Holland grown seeds. Beets, mangels, sugar beets, cabbage, cauliflower, celeriac, chicory, cornsdlad, cress, endive, kale, kohlrabi, leek, mustard, parsley, parsnip, radish, spinach, turnip, rutabaga. Sluis Brothers, Enkhuizen, Holland.

Seeds, growers of asparagus, broad beans, beet, broccoli, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicory, dandelion, leek, lettuce, mangel, onion, parsley, parsnip, radish, Swiss chard, turnip, swedes. Dealers in grass and clover seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, France.

Seeds, Cyclamen: Louis Salmon King, Pink Pearl, Giant White, Mrs. Buckston, Princess May, Vulcan, Phoenix, 1915 crop. Also Streptocarpus finest strain. Royal Nurseries, Bush Hill Park, Enfield, England.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurf, Swedesboro, N. J.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, manges, carrots, cabbages, celerics, parsleys, parsnips, turrips. R. & M. Godineau, Angers, France.

The Kenilworth Giant Pansy seeds. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seedsmen's Supplies. Seed bags, folding boxes, hangers and catalogue covers. Stecher Lithographic Company, Rochester, N. Y.

Seeds, pansies. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Pansy seed, giant, finest mixture, 1 pkt., 5,000 seeds, \$1; 1/2 oz., \$2; oz., \$4. E. B. Jennings, Box 254, Southport, Conn.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Maskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, cauliflower, cabbages, rutabagas, mangels, pansies, asters, cyclamen, stocks, etc. L. Daehnfeldt, Ltd., Odense, Denmark.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Benary's seeds for florists. Send for list. Ableing-Ebright Seed Co., 89 Pike St., Seattle, Wash.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Belgiano & Sons, Light, Pratt and Ellcott Sta., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunblings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvalanek, Lompec, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

Smilax, 2 1/4-inch pots, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Pehlimann Bros. Co., Morton Grove, Ill.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SMILAX, strong 2-inch, \$1.50 per 100; \$12 per 1,000. C. HUMFELD, Clay Center, Kans.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SNAPDRAGONS.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2 1/2-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gandy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VEGETABLE PLANTS.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2 1/4-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphids, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotloe Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & SON, Stratford, London, England.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway New York.

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Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

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Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

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Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames, Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Wire designs at very low prices. E. L. Rogers, 806 N. 12th St., St. Louis, Mo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Irvington, N. J.

Irvington is so near to Newark that it is somewhat overshadowed by the big sister, but it is a very promising young city, or town, and is growing rapidly. At present our chief interest is in its florists, there being a large and thriving colony of growers.

E. W. Fengar, whose range is known as the Irvington Greenhouses, has about 80,000 square feet of glass and grows a variety of stock. At present he has an immense stock of chrysanthemums coming on (about 35,000 plants to be exact) and they look very fine. About an equal number of carnations have just been planted, and thus a heavy crop of cut flowers may be expected. In the field there is a large lot of geraniums, salvias and other bedding plants, which will be utilized for getting up a large stock for next spring's business. Edwin Persson is the very capable foreman of this range.

While we believe that the address of Hausmann Brothers is Hilton, they are so near to Irvington and so closely related to it in a business sense, that they must be included. They have a well built range, in which carnations, sweet peas and other stock is grown. Their place is famous for its dahlias and their stock comprises the finest varieties. They are likely to exhibit at the approaching dahlia show in New York, and they have been first prize winners at previous shows.

In one block on Springfield avenue there are four growers. They are John L. Pfeufer, Charles Deisler, George Deisler and Ernest Helms. All these men have neat ranges and seem to be prosperous.

R. Plebany & Son are having a new house 32x100 feet, erected, which will be planted to sweet peas. This house will give them 20,000 or more square feet of glass.

E. Jacobi has a neat range and grows a variety of stock, also conducting a retail store. Of late he has been cutting fine stock of *Gladiolus America*.

William Haas & Son, 79-85 Halstead avenue, are good growers and find a ready market for their stock.

William Gahr has greenhouses on 40th street, but his specialty is the retail trade.

A. F. F.

Nashville, Tenn.

Summer quietude hangs over the flower market in this city. Trade is extremely quiet, with the exception of funeral work, which is always more or less in order. Flowers, too, are scarce and the quality is none too good. Some lilies are still seen on the market and asters are a stand-by for most purposes, while gladioli, with odds and ends, serve to fill such orders as occasionally come in. A most protracted and distressing drought has prevailed for some weeks past.

NOTES.

In a recent issue of a southern publication, Nashville was spoken of as the largest and best flower producing market in the south. Without exaggeration there are a wonderfully large number of flowers grown in this city and vicinity.

The Joy Floral Co. has a very clever summer decoration in its show window, simulating a Florida scene, with lake and alligators, white sand, southern moss and tropical plants. It looks cool and attracts much attention.

The McIntyre Floral Co. has abandoned its branch store uptown until a more propitious season.

M. C. D.

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It is the Kroeschell principle to supply only that type of boiler which is best suited to the conditions, and under no circumstances do we take any other stand.

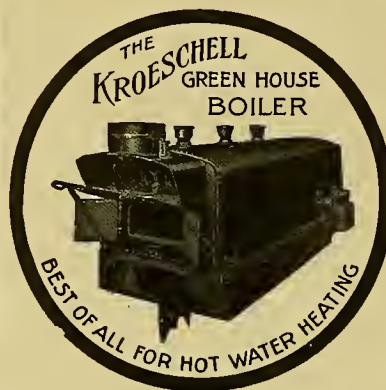
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Probably you have wondered why the Kroeschell Greenhouse Boiler is not sold by any of the greenhouse construction companies. In justice to all concerned, we feel it is our duty to state that the Kroeschell Boiler is manufactured and sold only by KROESCHELL BROS. CO.—We have no agents, and as our prices are based on sales direct from factory to user, we do not quote anyone dealing in boilers special resale prices. Our stand in this matter has brought out a lot of competition; nevertheless the great efficiency of the Kroeschell Greenhouse Boiler cannot be disputed and in spite of the keen competition the Kroeschell Greenhouse Boiler is heating more glass than any other make.

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At our other place we had a large cast iron sectional boiler; two years ago we cracked two (2) sections and but for the mild weather would have lost everything before we could make repairs. That experience was enough for me to show me that the cast iron boiler man has the best of it when I went to him for new sections, as they could only be gotten from him and he made the price to suit himself. So this year (1913) I thought I would take no more chances, so we just installed a No. 5 Kroeschell. I can get better results with the Kroeschell than with any other boiler I have ever fired. I believe if the Kroeschell were better known amongst the growers generally they would use no other.

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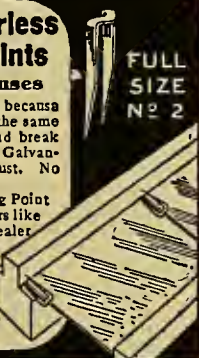
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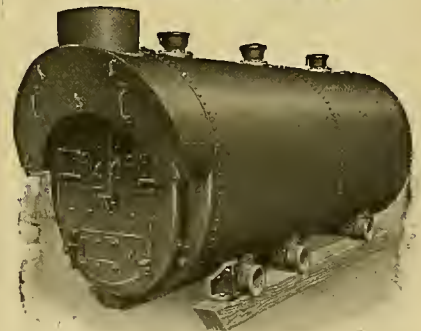
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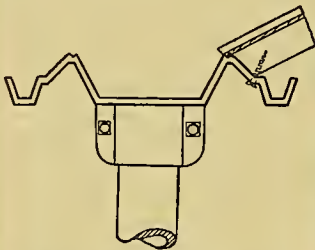
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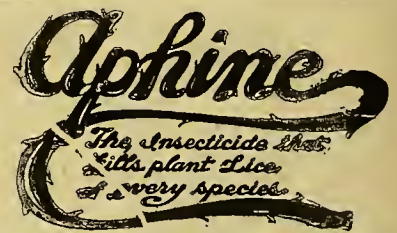
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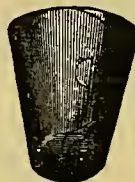
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Vol. XLV.

CHICAGO AND NEW YORK, AUGUST 28, 1915.

No. 1421

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Houston, Tex., Vice-President; JOHN YOUNG,
New York, Secretary; WM. F. KASTING, Buffalo,
N. Y., Treasurer. Next annual convention at
Houston, Tex., August, 1916.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at
Minneapolis, Minn., August 24-27, 1915. THOS.
WALLIS, Chicago, President; BELLETT LAWSON,
JR., Elmwood Cemetery Chicago, Ill., Secretary.
Treasurer.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
St. Louis, Mo., January, 1916. S. J. GODDARD,
Framingham, Mass., President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La.,
August, 1916. EMIL T. MITCHE, Portland, Ore.,
President; R. W. COTTERILL, Seattle, Wash.,
Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland,
O., November 10-14 1915. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, Morgan
Park, Chicago, Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Phila-
delphia, Pa., 1916. S. S. PENNOCK, Philadelphia,
Pa., President; LOUIS J. REUTER, Westerly, R. I.,
Vice-President; BENJAMIN HAMMOND, Beacon,
N. Y., Secretary.

THE SAN FRANCISCO CONVENTION.

Next Convention at Houston, Texas.

OFFICERS FOR 1916:

President, Daniel MacRorie, San Francisco.
Vice-President, R. C. Kerr, Houston.

Secretary, John Young, New York.
Treasurer, Wm. F. Kasting, Buffalo.

The Closing Sessions.

There were two candidates for the secretaryship when the members assembled for the election of officers at the morning session, August 19, and everyone was looking forward to a warm contest. The candidates were John Young, the present incumbent, and John R. Fotheringham, the well-known traveling man of New York and San Francisco. Mr. Fotheringham is very popular with the trade east as well as west, but he dashed all their hopes when, in what he characterized as "the best interests of the society," he withdrew his name, thus making the election of all candidates for office unanimous. By this magnanimous course Mr. Fotheringham not only strengthened all the old ties of friendship, but added a host of new names to the already long list. When it is realized that much of the preliminary work of the Fourth National Flower Show has been done by Mr. Young, the full significance of Mr. Fotheringham's withdrawal will be appreciated by every member of the society.

Most of the business following the election was of routine character, the striking exception at this session being a discussion of Mothers' day methods, arising from a question as to the best treatment of the plants to insure an increased supply of white carnations for this day. While no unusual way of increasing the supply of white carnations was disclosed, many well-known members gave their views on Mothers' day advertising, including Messrs. Gude of Washington, Ward of Eureka, Coles of Kokomo, Hill of Richmond, Mueller of Wichita, Smith of Cleveland, and others, the majority of the speakers being in favor of the exploitation of all kinds of flowers and even plants, for this occasion. J. J. Hess, of Omaha, here raised the question of a suitable reward

for Miss Anna Jarvis, the founder of Mothers' day, and after considerable discussion, the matter was referred to the executive committee.

The genuine interest taken in the proceedings throughout, and the large attendance at all the meetings, must afford President Welch and the local trade much gratification. Many of the convention veterans, some of whom have attended most of the annual meetings since the organization of the society at Chicago in 1885, say the San Francisco convention, in point of enthusiasm and attendance at meetings, was the most successful they can recall. The trade exhibition was perhaps the only disappointing feature, but when the times and the great distance most of the regular exhibitors had to ship, are considered, the display was quite creditable. The exhibits were of fine quality and their display all that could be desired.

Friday, August 20, had been designated by the officials of the Panama-Pacific exposition as S. A. F. and O. H. day, and the closing exercises of the convention were held on the exposition grounds in front of the Palace of Horticulture, when Director Vogelsang, on behalf of his exposition associates, addressed the members and presented the commemorative bronze tablet of the exposition to the society.

C. W. Ward's Response.

C. W. Ward responded with an excellent statistical record of the progress of the trade during the life of the society. His address follows:

Mr. Director of the Panama-Pacific exposition, President of the Society of American Florists, Ladies and Gentlemen, and Fellow-members:

We have listened with the greatest satisfaction to the kind and hospitable welcome extended to us, and we have fully appreciated the many compliments

bestowed in the address just given by the distinguished director of this greatest and most successful of all national expositions and we fully appreciate the gift of this splendid tablet.

No doubt Mr. Vogelsang has become somewhat accustomed to flowery bouquets of praise, consequently I am inclined to make my remarks simple and homely, and shall not endeavor to round out the expression of our appreciation of your most kind and hospitable entertainment in grand figures of speech, but will dismiss that part of my address with the simple declaration that we are all satisfied, and delighted. We do not think you could have done better. We came to your State of Golden sunshine, to your peerless city and to your grand exposition—We have seen, and acknowledge that we have been conquered. It has been my privilege to visit all except three of the national expositions held in the United States since 1870, and I am free to say that the Panama-Pacific outclasses them all. There is no need to tell you this over and over again. You will hear it many more times before the exposition closes, and you will know that it comes from the heart, for no one from east of the Rockies, or from anywhere else can visit your beautiful state, and partake of your generous and kindly hospitality, without being glad that he is alive, glad that he has had the opportunity to partake of your life in the golden west. Two years ago I came to California ill and discouraged. I expected to remain only a few weeks. I am still here, ill and discouraged no more, but happy and well and anxious to do things. If any of my brother florists do not want to catch that spirit of California, which will bind them to the shores of the Pacific, better go back home soon—you can't remain here many moons without contracting a deep love for California, and once you fall in love with her, you can not break the spell of her charms with ease; you will have to come back and finally remain.

Now I hope I have convinced Mr. Vogelsang that we fully appreciate the magnificence and greatness of California, but I am not sure that he as yet fully appreciates the importance of our Society of American Florists and its subsidiaries, nor the benefits which California florists will derive from our visit here, and begging your pardon for reading, I will give Mr. Vogelsang a little idea of what the Society of American Florists is, what it is doing for the general welfare, and how it has grown during the past 30 years from a tiny acorn to a grand and stalwart oak.

The Society of American Florists and Ornamental Horticulturists, the only association of its kind possessing the unique distinction of having a national charter, was organized in 1884. Its original membership of 30 has now increased to over 2,000.

There are in existence seven subsidiary national societies with over 100 members each, namely:

Chrysanthemum Society of America, organized in 1889.

American Carnation Society, the strongest of the subsidiary societies, organized in 1891.

American Rose Society, organized in 1899.

American Peony Society, organized in 1903.

American Sweet Pea Society, organized in 1909.

American Gladiolus Society, organized in 1910.

American Dahlia Society, organized in 1915.

There are three kindred associations, viz.:

American Association of Nurserymen, organized in 1876.

American Seed Trade Association, organized in 1883.

Florists Hail Association, organized in 1884.

There were 33 national and sectional horticultural and floricultural societies and 58 local florists' clubs and societies in existence in 1909.

The following statistics show the growth of the florist industry since the S. A. F. was organized in 1884:

Membership in 1884 (approximately) 30
 Membership in 1900 500 to 600



Mrs. John Vallance, Oakland, Calif.
 Pres.-Elect Ladies' Society of American Florists.

Membership in 1907	700
Membership in 1915	2000
With a treasury balance of ..	\$33,000.00
Number of florists' establishments, 1899.....	6,000
Number of florists' establishments, 1909.....	10,600
Number of florists' establishments, 1915 (estimated) ..	15,000
Approximate value of florists' establishments in 1884 could not have exceeded.	\$10,000,000
Approximate value of florists' establishments in 1899..	25,000,000
Approximate value of florists' establishments in 1909..	52,500,000
Approximate value of florists' establishments in 1915 (estimated)	80,000,000
Approximate sales, wholesale value in 1884 was probably	5,000,000
Approximate sales, wholesale value in 1899.....	18,750,000
Sales in 1909.....	34,872,000
And today, 1915, probably amount to the great total of	48,000,000 to 50,000,000
Amount expended for labor in 1909 was.....	4,155,000
Amount expended for labor in 1915 (estimated).....	6,250,000
Square feet glass surface in 1909	68,000,000
Square feet glass surface in 1915 (estimated).....	90,000,000

Acres of land occupied in 1909	42,000
Acres of land occupied in 1915 (estimated).....	65,000
Sales in the seven principal states in 1909 were as follows:	
New York	\$5,100,000
Pennsylvania	3,760,000
Illinois	3,680,000
New Jersey	2,839,000
Massachusetts	2,430,000
Ohio	2,357,000
California	1,374,000

Among the principal flowers used by commercial florists, carnations and roses stand first and practically equal in importance. The annual value of each of these flowers consumed running into several millions of dollars—violets, sweet peas, orchids, dahlias, gladioli, peonies, lily of the valley, Holland bulbs and a host of other flowers, as well as palms, ferns, cyclamen, begonias, heathers, hollies, ardisias, asparagus and other decorative material, make up the balance of the great sum of \$50,000,000, the probable present consumption of florist products.

In the matter of Christmas greens alone millions of dollars are expended. The southern states furnish wild smilax, holly, galax leaves, ferns and various other evergreen foliage, cut Asparagus plumosus, long moss and air plants which are collected in immense quantities. The northern states furnish ferns in variety, lycopodium, wintergreen, mosses of various kinds, Christmas trees and evergreen branches in equal abundance.

The Pacific states furnish vast quantities of Oregon grape, huckleberry foliage, Mexican Ivy, ferns, madrona, bay or pepperwood, camphor, California red berry and much other material. Rhododendrons and azaleas are collected in large quantities in New York, Pennsylvania, the Carolinas, Virginia and West Virginia. Large areas of Christmas trees are cultivated in Maine, Michigan, New York and other states.

The florist industry is constantly ransacking the world in search of new and rare decorative plants to satisfy the constantly growing and critical demand of the flower-loving American people. The jungles of South America, Africa, India, the Philippines and the East and West Indies are compelled, by an army of collectors to yield up their treasures in orchids, the annual trade value of which runs into many figures. The hybridizer plays a most important part in creating new features in florists' flowers as the great improvements in the carnation, rose, peony, gladiolus, sweet pea, pansy and dahlia as well as many other plants bear ample testimony to.

California, though possessing by far the most favorable conditions of any of the states for the successful production of florists' stock, such as bulbs of all kinds, rhododendrons, azaleas for forcing, other broad-leaved evergreens, as well as coniferous evergreens, palms and ferns, stands seventh on the list in sales. Californians should organize a live, wide-awake state association and correct this inequality in the value of their florists' productions and also reduce the value of imports from foreign countries. A very large proportion of the azaleas and rhododendrons and coniferous evergreens now imported from Holland, France, Belgium and England, can be grown in California and the same is true of much stock now imported from Japan.



BETWEEN THE "HIGH JINKS" AT THE SAN FRANCISCO CONVENTION OF THE SOCIETY OF AMERICAN FLORISTS.
Thursday Evening, August 19, 1915.

In all probability the holding of this convention in San Francisco will stimulate California florists and nurserymen to wake up and organize a live wire association and this will result in a marked increase in the value of their respective productions. Already large industries are contemplated, which if successful, will produce large values in azaleas, rhododendrons, evergreens, ornamental plants and bulbs of many kinds which are now imported from other lands.

In the practical working out of its mission this society maintains standing committees on legislation and tariff, transportation, and a committee to encourage beautifying school grounds and maintaining school gardens where premiums are offered locally in order to awaken the love of flowers and the beautiful in the young. Convention gardens are established in those cities where it holds its annual conventions, many of these remaining permanent. Extensive experiments in floriculture are carried on with governmental aid and supervision at Washington. A national flower show is annually held in some large city where an extensive list of premiums is competed for, these premiums amounting to many thousands of dollars.

Viewed from its commercial standpoint the florist industry is of very great importance and ranks high among American industries, but its practical value to the American people is far greater than its commercial importance would indicate. Flowers help us to enjoy the fullness of real living. They cheer the bride at the beginning of her dual journey through life, giving her a light heart and kindly feelings towards all mankind. They encourage the young graduate, make perfect the ball room and festive board, and welcome the tender babe. Finally they enable us to bear up under grief and sorrow and reconcile us to the loss of those nearest and dearest to us.

Today flowers are no longer a luxury. They are a necessity to the full enjoyment of life at its best. They

broaden one's view of life and exert a refining influence at all times and contribute as much, or more, to the happiness and welfare of the human race as any other one thing and their reasonable use should be encouraged and increased—certainly not discouraged.

Following the address of Mr. Ward, which was listened to with much interest, the proceedings terminated with the adoption of final reports and resolutions. Before the gathering dispersed to view the exposition, however, President Welch and his good lady were apprised of the appreciation and esteem of their associates in the presentation of a handsome silver set by Wm. F. Kasting, the president responding with much feeling.

While the eastern friends of the society are surprised and pleased with the success of the convention, dazzled with the scope and splendor of the exposition, and amazed at the magnitude and beauty of John McLaren's work in transforming the huge, shifting sand dunes of the Pacific into Golden Gate park in all its superb loveliness, not forgetting his artistic setting of the convention garden, the thing that will remain most deeply graven on the hearts of the visitors, is the cordial welcome and firm handclasp of the Pacific coast trade and the royal burst of entertainment, culminating with the glorious "high jinks" at the Elks' hall, when President-elect Dan MacRorie was awarded the prize for securing the record list of new members, 126 in number.

Report of Judges of Trade Exhibition.

Your committee on awards begs to submit the following report:

We find only two entries for competition, also a number of exhibits worthy of consideration; we therefore recommend that a certificate of merit be awarded to H. Bayersdorfer & Co., Philadelphia, Pa., for their elaborate and instructive display of new and novel florists' baskets and supplies.

We recommend that a certificate of honorable mention be awarded to the

M. Rice Co., Philadelphia, Pa., for a large and interesting display of florists' accessories and novelties.

The committee also highly commends the elaborate trade exhibit of florists' supplies of A. L. Randall Co., Chicago.

We also recommend certificate of merit for the high quality exhibit of novel ribbons and also baskets exhibited by S. S. Pennock-Meehan Co., Philadelphia, Pa.

To Domoto Brothers of San Francisco, Calif., the society's bronze medal for new double hydrangeas.

We further recommend the society's bronze medal be awarded to H. Bayersdorfer & Co., Philadelphia, Pa., for new and novel ideas in baskets.

To Richard Diener of Colma, Calif., the society's gold medal for improved and unusual gladioli in sizes and color.

The Ferneries, San Francisco, Calif., certificate of merit for exceptional high class collection of ferns and palms.

To Henry J. Kessel, honorable mention for Fern California.

Superior Nursery Co., Los Angeles, Calif., certificate of merit for ferns.

The Swiss Floral Co., Portland, Ore., honorable mention for exhibit of rare well grown petunias.

The society's bronze medal to Herbert & Fleishauer, McMinnville, Ore., for exceptionally large and finely grown asters.

Mrs. F. J. Reidy, San Jose, Calif., bronze medal for exceptionally fine and meritorious display of dahlias.

J. A. Peterson & Son, Cincinnati, O., silver medal for Begonia Mrs. J. A. Peterson.

John A. Evans Co., Richmond, Ind., bronze medal for new detachable pipe hangers.

Advance Company, Richmond, Ind., certificate of merit for general display of ventilating apparatus and greenhouse accessories.

J. J. HESS,
FRANK D. PELICANO,
WILLIAM F. GUDE,
Judges.



MEMBERS OF THE SOCIETY OF AMERICAN FLORISTS AT THE SAN FRANCISCO CONVENTION.
Immediately After the Close of the Opening Meeting.

Final Resolutions.

Whereas, The officers and members of the Society of American Florists and Ornamental Horticulturists in thirty-first annual convention assembled in the City of the Golden Gate during its exposition year, have enjoyed to the utmost that magnificent hospitality which is peculiar to the California coast, and have had every want anticipated, convenience and comfort afforded, by our hosts of San Francisco and the Pacific coast, and

Whereas, The manifold labors incident to the preparations for this convention and our entertainment while here have been most efficiently performed, and have been contributed to by so many of the citizens here as well as by our brothers in the trade and allied industries, that it would be invidious to select individuals out of the many deserving mention, therefore, be it

Resolved, That individually and collectively, we, the visiting members of the society and our ladies, with grateful appreciation, tender our unstinted thanks to our hosts, one and all, including his Honor, Mayor James Rolph, Jr., the officials of the Panama-Pacific exposition, the various committees of the city and state local organizations, the nurserymen of this locality, and all others who have contributed to make our stay here so enjoyable, that we will carry home remembrances of the many kindnesses shown us which will linger like the perfume of the California flowers blooming beneath its cloudless skies.

E. G. HILL,
GEO. ASMUS,
A. T. DE LA MARE,
Committee.

Ladies' Society of American Florists.

The ninth annual meeting of the Ladies' Society of American Florists was held at the Panama-Pacific exposition, San Francisco, Calif., on the morning of August 18. Mrs. Wm. F. Gude, Washington, D. C., president of the society, in opening the business session, said:

It is with much pleasure that I welcome you to this, the ninth annual session of the Ladies' Society of American Florists, and I extend to each of you a cordial and heartfelt greeting. We are assembled here to consider the

work of the past year and to make plans for the future. May our deliberations be guided by wisdom, and may this session be so filled with good work that nothing will mar the harmony of the occasion. May our past experiences help us to improve our present opportunities. Keeping in mind at all times the saying that it is good for men to dwell together in unity and practicing that, it is even better for women to meet and confer together in harmony, sincerity and devotion to our cause, assisting the men in their able calling by enabling us to make them brighter and happier by the inspiring influences gathered at these meetings. And so when we return to our homes from this convention, may we all feel better and happier for having met, refreshed in health and spirit, and better enabled to pursue our duties for the coming year. May good health, happiness and prosperity ever abide with you.

The reports of the secretary and of the treasurer were presented, showing a substantial increase in membership and the finances of the society in good condition.

At the election of officers, the following were chosen to serve during the ensuing year: Mrs. John Vallance, Oakland, Calif., president; Mrs. W. W. Coles, Kokomo, Ind., vice-president; Mrs. Robt. C. Kerr, Houston, Tex., second vice-president; Mrs. Geo. W. Smith, Cleveland, O., secretary; Mrs. A. M. Herr, Lancaster, Pa., treasurer.

Texas Florists Appreciate Convention Honor

The florist trade of Houston, the state of Texas and the craft in the south generally, are elated over the selection of Houston as the S. A. F. convention city for 1916 and plans are already being discussed for future work in an effort to make the next gathering of the society the greatest in its history. In acknowledging the honor, Robert C. Kerr, of Houston, vice-president elect of the society of American Florists, writes: "I want to express for Texas and the florists of the south, our gratefulness for this convention, and I assure you we are going to try to make this the greatest annual gathering the society has ever held. We propose to give it all possible publicity and pull hard for a large attendance. We have the support of the Chamber of Commerce,

the city of Houston as well as the Rotary Club and other civic organizations, and this support will be a great help when it comes to entertainment.

"We want to call your attention to the fact that we have one of the largest auditoriums in the south for convention and exhibition purposes. We have a citizenship that has never left a thing undone to make visitors enjoy their stay in our city. We have many side attractions which make it worthwhile for conventions in Houston. Our future work will show that we are not unmindful of this great honor, and we feel that we are deeply indebted to our many friends for their hearty support."

The Necessity of National Publicity.

A paper by Albert Pochelon, secretary of the Florists' Telegraph Delivery, presented at the thirty-first annual convention of the Society of American Florists, San Francisco, Calif., August 17-19, 1915.

This subject has been given to me and I will try and treat it from the standpoint of secretary of the Florists' Telegraph Delivery, an association which has done a great deal of work in the way of publicity. So far, of course, every member has been doing his or her share in their different localities to draw their patrons', or would-be patrons' attention to the telegraph or out-of-town service, and the results gained in the past few years, were very much beyond expectation.

This much for the introduction of the points which I will bring out now. If the florists throughout the country can be indorsed by a national advertising campaign, drawing the public's attention to the Florists' Telegraph Delivery shops all over the country, and the public impressed that F. T. D. does not stand for telegraph orders only—no, it must stand for the best in service, prompt pay, sure and honest delivery that can be obtained in the florist trade of today.

Immediately after reading the above lines you may think that I am too much F. T. D., but that is not at all so. Just remember that every good retail florist in the United States and Canada has the same right to join the F. T. D. and work with us, not alone for his or our benefit, but for the good of the florist trade. Today you may consider the F. T. D. a pretty good organization of the sales department in the florists' trade, and if you want to



MEMBERS OF THE SOCIETY OF AMERICAN FLORISTS AT THE SAN FRANCISCO CONVENTION.

Immediately After the Close of the Opening Meeting.

make a start for a national campaign, you will have to get a body of retailers who are businesslike enough to see the benefit of such a campaign and who will have to get up a fund to spend for this advertising, and this fund must be guaranteed before any attempt at spending it is made. This campaign must go through periodicals as well as daily local papers.

For many years this relaying of orders has been, you might say, limited to steamer deliveries in New York or for funeral work, but the day is here when this relaying can be applied to every occasion for which we sell flowers in our shops. Many a retailer has shipped flowers from his town for one hundred or more miles and felt that he would rather make the sale than relay the order; has he gained anything by so doing? No, he has hurt the florist trade in almost every instance. These shipments have arrived poorly, where, if the man in the respective town would have made this delivery the patron would have received the full value for his money beside the advertising of the florist out-of-town service.

Do not forget for one moment that you may do \$10,000 worth of advertising and then not be able to deliver the goods right and faithfully. By such methods you will do more harm than good to the florist trade. I, therefore, advise, first of all, before any national advertising campaign is done to investigate who can handle and deliver the goods the best and so back up his advertising. I would hate to think that an order sent by me to a brother florist in another town would not be handled as conscientiously as I would want to fill it myself.

There is absolutely no doubt in my mind that our florist trade is still the least advertised of many a trade, but it seems a lot of retailers are waiting for someone outside the trade to advertise their goods and you may rest assured they surely will have a long wait coming. If we had 500 retailers around the country like Henry Penn and a few others who I could name, who have spent money on a large scale for advertising and yet doing this cautiously, the whole florist trade would gain a lot, but just now, instead of being thankful to such men, what do a great many narrow, jealous retailers do? They knock, criticize and

run down the many advertising florists; at the same time they forget that if all the people they have made flower buyers of, would go back to their shops for everything they need, they could not handle the business. Many a man or woman have I induced to use flowers on their tables and if all would come and trade with me alone I would not care to handle all that amount of business.

Let each retailer make up his mind to cultivate a want for flowers at occasions where people now do not think of using flowers instead of watching with jealous eyes his florist neighbor's store and criticizing his way of doing business and we all will be better satisfied aside from being better men and better florists. I think it is folly for the New York men to dictate to the man in Detroit how to advertise. It is a much safer way for each man to study a plan or system of how he can get the most publicity in his locality. After this is done an indorsement of a national campaign is absolutely in order, but before that it would be throwing away money.

National advertising is a good deal like co-operative advertising. It is up to a few to do the work to the best of their ability and even after they can show the best results it is hard for the few to collect the money from the others. There is absolutely no doubt in my mind that Mothers' day would never have become the great benefit to the florist trade had it not been for the florists in their different localities taking this proposition in hand and following it up so that some day I hope Mothers' day will become the same as Easter or Christmas is to the florist trade. Yet, ask the fellows who do the actual work, and see and hear what they have to say about plugging to get even a hearing with some of their brother florists. You might be surprised when I tell you they sometimes almost have to beg and plead for the other fellows to come in with them, aside from doing the hard work, and I venture to say right here, if they were unsuccessful and did not get the results they would never be forgiven and even the best of us can make a misjudgment sometimes. Cleveland is going to have a big flower show next fall and the way they go at the advertising is a study worth while being appreciated by a great many.

In the florist trade not just one or two individuals will get the largest benefit from same and the men who are doing the work should be honored and appreciation shown to them by their brother florists and I sincerely hope they will get this without any curtailing. If publicity and advertising in the florist trade will help in increasing as it has within the last five years I can safely state that in another five years the florist trade will be on more of a business basis than it is now. The time has past where a merchant or business man could not be a florist unless he was a graduate from a greenhouse. Today the most prominent retail florists have graduated from merchants' offices or business institutions. The grower, of course, does not like this as well, but let the grower raise a pretty plant, or cut flowers, then add the artistic taste of the up-to-date retailer, and let him place it in his method on the market, and watch the success.

The success of the Ford automobile organization is not so much the mechanic who puts the machine together, but the merchant's ways of publicity—the office, the clerical and financial departments which have had more to do with the upbuilding of this organization and thousands of other large and successful concerns that have been built up in this country, and in every case you will find that the largest part of the publicity was studied out by not so much the practical and theoretical man, as the man with the most modern up-to-date business ideas. Of course I have to come back to my first saying, that advertising must first start by getting up an article which will stand on its merits, and which you can fully back up before you reach out for the publicity.

I could keep on writing on these lines, but the same substance will always lead me back to my first saying, that before we can think of national advertising campaign, we must have, first of all, representative retailers in every town, who will back up our preaching and give the best of service, followed up with a prompt payment of their bills and not allow them to run along for three, four or six months, or even longer. There are so many florists in this country who seem to forget that prompt payments of bills is one of the greatest reputa-

tions a man can get. After all, it is nothing else but business like.

Yours in hope that within the next few years advertising publicity will be increased so that no town will ever be able to report in the florists' trade papers about a glut or overstock of the market. It is up to the retailers to get rid of the grower's production, not up to the grower.

Permanent Convention Gardens.

Paper by Theodore Wirth, Minneapolis, Minn., presented at the thirty-first annual convention of the Society of American Florists, San Francisco, Calif., August 17-19, 1915.

There can be no question as to the importance and desirability of arranging for convention gardens wherever our annual meetings are to be held. The usefulness and value of such gardens as a medium of publicity and education will not be doubted by any one who gives the subject due consideration. There is, to the best of my knowledge and belief, no great difficulty in establishing such a garden for each convention, and the only real problem, it seems to me, is to make it permanent. This necessarily is a question which, in the main, must be solved by the local promoters of the garden. The same spirit that was employed in its creation, should be able to solve the question of its future existence, permanency and growth.

I have, in the past, presented the question whether or not it would be possible to select the convention city two years in advance, instead of one, in order to provide for two years' growth of the hardy material, which could be used to advantage in the planting of the garden. Personally, I wish this could be done, because I realize the great and resulting benefits that would accrue; and I believe that all plantmen will agree with me. There can be no doubt but what the value of the gardens, from every point of view, would be greatly enhanced by this additional time given them in preparation; and that the interest of professionals and the public alike, before and after, as well as during the convention, would be correspondingly increased. However, if this plan is not deemed feasible, there is still one advantage open with the present arrange-

ment, which has not been made use of in our past undertakings along this line.

If our brother florists and horticulturists of the city, ambitious of securing the next convention are real anxious to have the best garden thus far made, they will select a piece of land for that purpose, far in advance, and will submit a well arranged plan to the convention at which they make their bid for the next meeting. If they land the prize, they should prepare the grounds at once, and secure without delay all planting material that can be transplanted to advantage in the fall. In this way, most of the perennials, shrubs and trees will be well established in the spring, and make a very good showing by convention time.

Early solicitation amongst prospective exhibitors is, for many reasons, absolutely necessary. A time limit should be set for allotment of space in the garden, and the special attention of such prospective exhibitor must be called to this. All space not applied for by a certain date, should then be offered to nearby and local growers with a slightly extended time limit. This limit should be set so as to give the committee in charge an opportunity to secure suitable planting material for filling the unsold spaces in the garden in good time. It is absolutely necessary, in my opinion, to give the committee in charge of the garden all necessary power and means, and to concentrate the actual directions and supervision in one active, experienced, dependable man. Tell this man to go ahead, and then do not interfere with him; but give him all the assistance he needs, when he asks for it. I believe it would be a good investment, generally speaking, to send him on a two months' trip to visit personally the principal growers in all parts of the country for the purpose of soliciting exhibits. Let him start right at the convention. The right man will thereby awaken the general interest of the trade and secure the desired support; correspondence would not be nearly as effective.

I cannot lay too much stress on the necessity of giving all exhibits the

best possible attention and care, and of guarding the interests of the exhibitor in every possible way. Be sure that he gets the space he bought; that his plants are properly labeled, and his firm's name is properly displayed. Give him all he is entitled to and as much more as you can. It is too much to expect that very many distant firms will keep up their exhibits after the convention year. Yet some of the wide-awake and progressive growers will undoubtedly be glad to permanently make use of our gardens and thus exhibit their goods and special novelties in different parts of the country at the same time. In most instances, it will, therefore, become desirable and necessary, after the first year, to change the layout of the garden and to devote the larger part of the grounds to hardy material, and a much smaller portion to the tender annual bedding plants. This we have now done at Minneapolis and the new layout will be as beautiful and instructive to our people from now on as the real convention garden was to us professionals two years ago.

The convention garden must, in my opinion, always be created and maintained under the auspices of the national society. The price for space should, if at all possible, be the same wherever the garden is, and same should be high enough to defray the expense of maintenance. The chairman of the local garden committee should be appointed a member of a similar committee of the national society and as such could act as the executive officer of both committees.

Our esteemed president, Patrick Welch, has assigned to me the subject herein presented, but I am not sure that I have covered the ground to his entire satisfaction. There are really no great problems, no great obstacles, that I can see, attending the establishment of permanent convention gardens, and I believe that if the old saying—"where there is a will, there is a way"—is applied at all times, there can never be any doubt as to our ability to establish such convention gardens wherever we may go, and to make them successful in every instance.



MEMBERS OF THE SOCIETY OF AMERICAN FLORISTS AT THE SAN FRANCISCO CONVENTION.
The Closing Meeting in Front of the Palace of Horticulture, Panama-Pacific Exposition.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Aster as a Cut Flower.

The month of August, and early September is aster time, when they have the field largely to themselves. They come at a time when there is not much doing in the world of flowers, but with their variety of form and color and good lasting qualities, they are made welcome and given the place of honor in the last month of summer.

The most important work at this time is the demand for funerals for which this flower, with its beautiful shades of lavender and purple, is especially fitted. We know of no more effective arrangement in flowers than a solid wreath of dark purple asters, relieved with a cluster on one side of lily of the valley or lily of the valley and cattleyas. A spray of Sunburst roses on such a wreath makes a very striking piece. A wreath of all lavender or lavender and white asters is also effective. On wreaths of dark magnolia leaves, the aster in almost any color makes a very finished and showy piece. If the magnolia wreath is well made, from a half to a third may show, the balance being decorated with asters and the piece will probably be considered more artistic than if almost covered. A solid ivy wreath, decorated the same way, with dark purple asters is very appropriate for the funeral of an elderly person. A standing cross of purple asters, with a loose showy foot of purple and white, and the center of the cross decorated with lily of the valley and white roses, with perhaps a garland of the same flowers hanging across the arms, make a handsome large design.

A casket cover of asters (we would hardly call it a blanket) should be an important part of an elaborate funeral order. The simplest form and of easy construction is made on a foundation of smilax. Set up a board the size of the casket top on pot covers on the work bench, across which strings of smilax the right length to hang down and cover the casket are laid side by side. These are wired together with long pieces of No. 22 wire wrapped

around each string from one end of the cover to the other; about six lengths of wire four inches apart, from edge to edge of casket, will be enough. Be careful not to tie the leaves of the smilax in with the wire. On this are wired the flowers with little if any stem. They can be placed fairly close together, the weight of the flowers on the side strings will keep them hanging straight. The ends of the casket can be finished with short pieces of smilax fastened to the top to look like the sides. If the cover is purple, a cross or wreath of white asters in the center makes a good finish, or if white, a purple or lavender cross should be used.

The double spray is most useful as a casket cover where the blanket effect is not desired. This is not at all difficult to arrange. Simply make two large rather loose long sprays and bring the ends together so as to leave but little space to be filled up. Bind the stems firmly, and then fill in with similar flowers to those used in the clusters. These should be stemmed on sticks, when they can very readily be stuck into the rather bulky mass of the stems. A nice ribbon bow, the rather long ends woven through the flowers from the center of the cluster, makes a nice finish; laid on and fastened to a double pair of cycas leaves, the points of which project slightly beyond the ends of the sprays, they are a worth while addition and also useful as a support.

For sprays the aster is especially useful, all the choicest sorts or varieties of asters, with their stout stems and perfect flowers in the various shadings making ideal arrangements.

The gladiolus works up very well in combination with asters. America gladiolus, lavender or purple asters, and with Mrs. Ward or Sunburst roses near where the ribbon is tied, if nicely arranged, will produce an effect that will please most customers. The ostrich plume or tasseled asters make very showy sprays when loosely arranged. A lovely shade of pink of this type makes up into a spray that would be singled out in any number of pieces. Asters also make a very good crepe spray, as lasting as carnations.

To change the subject, but hold to

the lovely flower, these same plume asters are wonderfully fine for wedding flowers, the white for the bride's bunch and the pink for the bridesmaids'; the tassel-like form lends itself particularly to the shower bouquet. The various shades of pink and white are fine for house decoration, there being nothing better than choice asters as a vase flower.

When cut flowers are ordered for the sick room, the aster is the flower for this purpose; all colors combined are sure to make an attractive gift. When sent to the hospital it is best to arrange them in a bunch ready for the vase. This saves trouble for the nurse, who may or may not have the time. Try and have them delivered early rather than late in the day, as there will be at least one good day of freshness which might not be the case if not well cared for over night.

Asters should have the stems cleared well of foliage immediately after they are received, as that which is immersed so soon fouls in the water. To prevent this shake a few drops of formaldehyde in the water; two or three to six drops is enough to a gallon of water. This prevents fermentation and will do away with the slimy stems so often seen with asters that have been kept over one day.

K.

WHEELING, W. VA.—Albert Lash, florist, is erecting a new greenhouse on South Warwood avenue.

BROOKLYN, N. Y.—Plans have been filed with the bureau of buildings for extensive enlargements to the botanic gardens in this city. In the neighborhood of \$150,000 will be expended.

BOSTON, MASS.—The Massachusetts Horticultural Society will offer many attractive prizes for young people at the annual exhibition of the products of children's gardens in Horticultural hall, Boston, August 28-29.

SPRINGFIELD, MASS.—As a result of the generous contributions of 225 members of the Springfield Grange a new flower bed with nearly 900 plants of the several varieties of German iris and hardy phlox will be added to the floral display at Forest park.



MEMBERS OF THE SOCIETY OF AMERICAN FLORISTS AT THE SAN FRANCISCO CONVENTION.
The Closing Meeting in Front of the Palace of Horticulture, Panama-Pacific Exposition.

American Gladiolus Society.

SIXTH ANNUAL EXHIBITION.

Under the auspices of the Newport Horticultural Society and the Newport Garden Association, the American Gladiolus Society staged its sixth annual exhibition at the Casino, Newport, R. I., August 18-19, and the show was magnificent—a marvelous aggregation of superb varieties, wonderfully rich in color and substance. The floor, stage, galleries and two long balconies were completely filled with magnificent displays, and a remarkable feature of the exhibition was the thousands of blooms that came from far distant places, but having the appearance of having been freshly cut. So many and varied, and of such uniform excellence were the exhibits that the judges were unable to complete their work the first day.

The exhibition was arranged in several sections. Entering at the main door the hall was laid out with three rows of tables on aisles extending the entire length of the room, while space at the side walls was completely filled with blooms in varied arrangements. The exhibit of Charles F. Fairbanks, president of the American Gladiolus Society, which was augmented with palms and ferns from the greenhouses of Governor R. Livingston Beeckman, was magnificent, caught the eye of the visitor at once and held it. This display, however, was not in competition. Opposite, at the end of the hall, the entire space was arranged by B. Hammond Tracy, Wenham, Mass., who staged a gorgeous display, and which was awarded first prize for best collection and arrangement.

The upper west balcony was devoted largely to the trade exhibits, prominent among which were displays by Arthur Cowee, Berlin, N. Y., and A. E. Kunderd, of Goshen, Ind., the introducer of the ruffled type of gladiolus. Both of these gentlemen were present and the courteous treatment extended to the many who called upon them and the valuable information given in reply to inquiries were a pleasing feature of the show. Other exhibitors in this section included John Lewis Childs, Inc., Flowerfield, N. Y.; Henry A. Dreer, Inc., Philadelphia, Pa.; C. Keur & Sons, Hillegom, Holland; Heather Home Garden, New York; H. E. Meader, Dover, N. H.; William Sim, Cliftondale, Mass., who took second prize for best collection and display, and Chamberlain & Co., Wellesley, Mass. Passing to galleries of the main hall, a grand display of palms, ferns and gladioli from the gardens of T. A. Havemeyer, Glen Head, N. Y., and which occupied the entire main gallery, was the attraction, while on the side

gallery the exhibits in the amateur classes were staged.

The general attractiveness of the entire arrangement of the show was enhanced by tall, graceful palms, hanging baskets of ferns, cedar trees and made up lattice, covered with oak leaves and all tastefully placed. The exhibition was said to be the finest in the history of the society.

The following are some of the varieties in the list of first prize winners:

Best six spikes, white—Europa.
Best six spikes, pink—Panama.
Best six spikes, yellow—Sulphur King.

Best six spikes, red—Princeps.
Best six, any other color—Loveliness.
Best 25 spikes, white—Alaska.
Best 25 spikes, red—Mrs. Francis King

Best 25 spikes, yellow—Mongolian.
Best 25 spikes, blue—Baron Hulot.
Best 25 spikes, pink—Panama.

Most artistically arranged basket—America.

What was thought on good authority to be the pick of the show was a new seedling originated with A. E. Kunderd, Goshen, Ind., and exhibited by L. Merton Gage, Natick, Mass.; color, creamy pink.

The best outstanding varieties in several large displays in the Fairbank's exhibit were Titanic, Golden King, Loveliness, May Fennell, Rochester, America, Panama, Schwaben, Pride of Goshen, Pink Perfection and Mrs. G. W. Moulton.

In the collection exhibited by B. Hammond Tracy, Wenham, Mass. Niagara, Primilinus, Apollo, Glory of Holland, Pink Perfection, Loveliness, Rogue Troch, Schwaben and Madame Butterfly were the outstanding varieties.

The display of Arthur Cowee, Berlin, N. Y., was a grand showing of advanced types of Primilinus hybrids in shades of pure yellow, white, cream and orange; also a new variety, Evolution Perfectus, of a delicate rose-pink shade, with lower petal splashed with white. Outstanding were the varieties War, Peace and Dawn.

In the Kunderd collection were shown some of the new Primilinus hybrids now offered for the first time, Alice Tiplady, large and grand of most beautiful orange saffron color, and Primunella, a beautiful, ruffled, butterfly orchid-like flower, seeming to be the best outstanding. Among the 1915 novelties of the new ruffled type were the following: Kunderdi Glory, creamy apricot tinted pink; Jules M. Fairbank, blue; Red Amaryllis, brilliant blood red; Mrs. Frank Pendleton, bright rose pink, and Myrtle, pink, all of which are exquisite.

Outstanding in the collection staged by Henry A. Dreer, Inc., Philadelphia, Pa., which was in charge of the firm's representative, John S. Hay, were Cardinal, Eugene Lefebvre, Henri Lemoine, Mme. Monneret Sully and La Couronne.

From a bird's-eye view of the main hall, the writer picked Mrs. Dr. Norton, Rochester White, Hulanda, Loveliness, May Fennell, Florence, Titanic, Apollo and Panama as being outstanding.

It was said that the reason for so few entries by local growers being made was due to the fact that, owing to the magnitude of the show, an impression existed that there would not be room for all, and the few that did enter fared well. President Mackie of the Newport Horticultural Society, entered in the open class with 25 red and captured first prize; Miss Fanny Foster won first for the best 36 spikes, and Mrs. Weld's collection also was first. Mrs. W. W. Sherman's dainty centerpiece, arranged by Andrew Ramsay, gardener, also received first prize.

The judges were James Wheeler, Natick, Mass.; James Leestraten, Sax-onville, Mass.; William Andrews, Sterling, Mass.; Bruce Butterton, James Robertson and Andrew S. Meikle of Newport, and while the high character of the displays made their work difficult, the decisions were very satisfactory. T. A. Havemeyer, manager, and Henry Youell, assistant manager, assisted by Alexander MacLellan, Bruce Butterton, William Grey and others, accomplished an enormous amount of work in the arrangements, and it must be very gratifying to these gentlemen that their efforts were crowned with such deserved success, for which both members of the society and visitors alike are duly appreciative.

Two exhibits, one from Munsell & Harvey, Ashtabula, O., and one from A. H. Austin & Co., Wayland, O., arrived in good condition, but too late to be judged. The former firm showed Hazel Harvey, a handsome, glowing, red variety, and the latter staged a seedling, Evelyn Kirtland, a strong-growing pink.

Two of the larger exhibits were arranged by Mrs. B. Hammond Tracy and Miss Rosa Gurtler. Both of these ladies were indefatigable workers and showed artistic taste of the highest order. They were also first to have their exhibits staged.

The judges were some time in making the award in the class for the best arranged basket or hamper of not more than 25 spikes, as there were eight entries in this class. A vase



PARK SUPERINTENDENTS AT SAN FRANCISCO.



AMERICAN GLADIOLUS SOCIETY'S EXHIBITION, NEWPORT, R. I., AUGUST 18-19, 1915.

Charles F. Fairbank's Exhibit.

filled with Niagara, with the appearance of having just been picked from the field, entered by Mrs. B. Hammond Tracy, and tied with ribbon, was awarded first honors, and a hamper filled with America, arranged with a ribbon bow, shown by J. G. Leiken's Newport branch store, second. The judges' task did not end here, however, for it was found that the Tracy exhibit was one spike over the limit of 25, which disqualified the exhibit and gave the Leiken's entry first prize. Mrs. Tracy, however, received a special award of a silver cup for the artistic arrangement of her hamper.

The subjoined verses were composed by Alexander MacLellan during the exhibition and dedicated to T. A. Havemeyer of New York:

When the rose has had her day, and shed;

The sweet peas straggled off to bed,
Then wakes the gay, but not frivolous,
Bold and aggressive gladiolus.

Her sword leaves, long, two-edged and sharp,

Straight as a string, without a warp,

The flower spikes tall of stately mien,
In beauty's realm a reigning queen.

The annual meeting of the society was held in the governors' room at the Casino. It was voted to have the meetings hereafter biennially instead of annually. The executive board recommended New York as the next place of meeting. Votes of thanks were extended to Messrs. Bruce Butterson and T. A. Havemeyer. The following officers were elected: Charles F. Fairbanks, Boston, Mass., president; Theodore A. Havemeyer, New York, vice-

president; Henry Youell, Syracuse, N. Y., secretary; A. E. Kunderd, Goshen, Ind., treasurer. Executive Board—Henry Youell, A. E. Kunderd, Theodore A. Havemeyer and Arthur Cowee, Berlin, N. Y.

THE AWARDS.

Open Class.

Best six spikes, white, any variety—C. F. Fairbanks, Boston, Mass., first; T. A. Havemeyer, Glen Head, N. Y., second.

Best six spikes, pink or any shade of pink—C. F. Fairbanks, first; R. W. Sweett, Saxtonville, Mass., second.

Best six spikes, any yellow—Galen Stone (Arthur E. Griffin, Supt.), first; T. A. Havemeyer, second.

Best six spikes, blue or lavender—C. F. Fairbanks, first; T. A. Havemeyer, second.

Best six spikes, red or shades of red—R. W. Sweett, first; C. F. Fairbanks, second.

Best six spikes, any other color—B. Hammond Tracy, Wenham, Mass., first; Madison Cooper, Calcium, N. Y., second.

Best collection, 10 varieties, six spikes of each—B. H. Tracy.

Best vase of white or light seedling, new—Clark W. Brown, Ashland, Mass.

Best six spikes Golden West—Clark W. Brown.

Best three spikes A. W. Clifford—Madison Cooper.

Best 12 spikes Black Beauty—Madison Cooper.

Best 12 spikes Lucille—Madison Cooper.

Best 12 spikes Michigan—Madison Cooper.

Best display of Primulinus blooms, not less than four inches across, not less than 25 spikes—B. H. Tracy, first; C. W. Brown, second.

Best 12 spikes any variety in one vase—H. E. Meader, Dover, N. H., first; R. W. Sweett, second.

Best collection of Kunderd varieties, both plain and ruffled petals—C. W. Brown, gold medal; P. W. Popp, Mamaroneck, N. Y., second.

Best 25 spikes Hollandia—C. F. Fairbanks, silver medal; R. W. Sweett, bronze medal.

Best six spikes Mrs. Pendleton—Madison Cooper, first; H. E. Meader, second.

Best 20 spikes Panama—R. W. Sweett.

Best 20 spikes Niagara—B. H. Tracy.

Best seedling never before exhibited, not less than three spikes—L. Milton Gage, Natick, Mass., first; John Lewis Childs, second; R. W. Sweett, third.

Best 25 spikes any white variety—John Lewis Childs, first; B. H. Tracy, second.

Best 25 spikes of red or shades of red variety—R. W. Sweett, first; Wm. McKay, second.

Best 25 spikes, yellow—C. W. Brown, first; John Lewis Childs, second.

Best 25 spikes, blue or lavender—C. W. Brown, first; R. W. Sweett, second.

Best 25 spikes pink or shades of pink—C. F. Fairbanks, first; R. W. Sweett, second.

Best 25 spikes any other color—B. H. Tracy, first; John Lewis Childs, second.

Most artistically arranged basket or hamper of blooms, not more than 25 spikes—Joseph G. Leikens, Newport, R. I.

Best three spikes of Clear Eye—Madison Cooper.

Amateur and Private Gardener Class.

Best 10 varieties, three spikes each—C. F. Fairbanks, silver cup.

Best five spikes each, Europa and Panama—T. A. Havemeyer, first; Madison Cooper, second.

Best six spikes any white—Miss Fanny Foster.

Best three spikes Golden West—L. M. Fuller.

Best collection, two spikes of each—Madison Cooper.

Best six named varieties, three spikes each—Madison Cooper.

Best 25 spikes Minnesota—Madison Cooper.

Best collection new ruffled types—C. F. Fairbanks, gold medal.

Best 25 spikes Golden King—Madison Cooper, first.

Best 10 spikes Panama—T. A. Havemeyer, silver medal.

Best 10 spikes Niagara—T. A. Havemeyer.

Best exhibit of Primulinus hybrids—L. M. Fuller.

Best three vases, three spikes each Schwaben, Badenia and Pink Perfection—T. A. Havemeyer, silver cup.

Best collection and display—B. H. Tracy, first; Wm. Sim, second.

Best exhibit of at least 15 varieties, 3 spikes each, correctly named—C. F. Fairbanks, silver medal; Madison Cooper, bronze medal.

For the best display of Gladiolus blooms not more than 36 spikes. No preference given to named varieties—Miss Fanny Foster, silver cup; L. M. Fuller, second.

For best three spikes any named variety—L. M. Fuller, first; Arthur E. Griffin, second; Madison Cooper, third.

Best 10 spikes, any red variety—Madison Cooper.

J. J. B.

PLANT NOTES.

Dahlias.

As the cool nights approach it pays to make preparation to cover the best varieties and protect them from the early frosts. Generally the first frosts are followed by two or three weeks of pleasant warm weather, when flowers are more or less scarce, the outside stock being cut down and the greenhouse stock not being yet in full crop, and a supply of dahlias is a great boon at such a time. See that the plants are properly labeled so when it comes to lifting time there will be no mistakes made. A good large label placed beside each root with the correct name is essential in growing this crop. This label can be tied on to the root when the clumps are lifted and all danger of misnaming be obviated. Keep the plants securely tied to the stakes so that the high winds which are prevalent in the fall cannot break the plants down or the branches off.

Begonia Gloire de Lorraine.

The plants of *Begonia Gloire de Lorraine* should now be making active growth, the bud shoots starting and the plants taking on shape. The earlier struck cuttings will now be fine plants in five and six-inch pots and will need a center stake to keep them erect. It is yet too early to tie the plants into shape, but if any of the branches are long enough to hang over the edge of the pot, they should receive some support. These branches hanging over the edge of the pot are in the way when watering and if the leaves get wet, it takes some time for them to dry off and many will become spotted, and besides the branches grow crooked and are much harder to tie into place later on when this will have to be done. Keep the plants in a good warm house from this on until the buds begin to show color, when they can be placed in cooler quarters, but do not keep the house too close. Give a little ventilation every day possible. If kept too close and moist some of the foliage will spot and be

ruined. Constant light fumigations will be necessary to keep down the green aphid. These plants do not like heavy fumigation but light fumigation carried on frequently will keep the vermin in check and not damage the plants. These insects must be conquered before the plants begin to bloom or they will cover the young blooming shoots completely.

Violets.

The single violets should be planted in the houses now as soon as the beds are ready. In lifting the plants in the field try to get a good ball of earth with the roots and avoid as much as possible the roots becoming dry. These roots are very soft and succulent and if they become too dry new roots will have to form and it will take some time for the plants to become established in their new quarters. The better way is not to try to handle too many plants at a time, but to lift a few and plant them out at once. When the plants are lifted all the runners should be removed and the plants as soon as set should be well watered. They should then be shaded during the warm days, the length of time necessarily depending upon how quickly they will take hold in the new soil. Give the plants all the air possible but avoid draughts if possible until they begin to show growth.

Fall Propagation.

There are many of the plants used for bedding purposes that are better propagated in the fall, for cuttings are more readily obtained, root easily and allow time for the growing of good stock. Ivy geraniums, to have fine plants in the spring, are much better propagated at that time. Vincas for the spring sales propagated in September make fine plants by the first of May. The long shoots can be cut up to two eyes each and they will root in three or four weeks, then potted in 2½-inch pots and kept cool until February, when they should be potted into 4-inch pots and grown along the sides of the beds or benches. Abutilons should be handled in a similar man-

ner. The tender tips should be used for the cuttings, and these should be kept well watered and shaded until roots are formed, when they can be potted and kept cool until towards spring. The pelargoniums that were cut back and dried off in August should now be made into cuttings and should be taken and placed in the cutting bench. There are also many plants that the stock should be looked out for at this time and a few plants lifted and housed before frost. Many growers prefer to raise their salvias from cuttings and in this case a few plants can be potted and grown on. Any extra good double petunias should be lifted. Pyrethrum or feverfew, coleus and the other soft wooded plants should be selected and potted that they may become established before cool weather.

Sweet Peas.

The early sown sweet peas will soon need some support, and the plan most generally adopted by growers with peas inside is to pass strings around the plants fastened to stakes at each end of the row. If the rows are lengthwise of the bench stakes to which the strings may be fastened will have to be arranged about every ten feet. As soon as the plants have attained a height of six inches the first string should be tied on and strings should be added every six to eight inches as the plants grow taller. The plants must be kept growing straight throughout their culture, so they must have strings quite close together for their twining arms to catch upon, and if when the plants are in bloom they are not kept tied up a large number of the flowers will have crooked stems. Care must yet be taken with the watering and until the plants show active growth, they should receive but little water, being kept on the dry side. If allowed to be too wet, stem rot will result and the plant will die. If sweet peas are to follow the early chrysanthemums the seed can now be sown. Three or four seeds in a 4-inch pot will be right for this time, for they will have to grow in the pots about six



AMERICAN GLADIOLUS SOCIETY'S EXHIBITION, NEWPORT, R. I., AUGUST 18-19, 1915.

Section of the Main Floor Exhibits.



PHILADELPHIA CONVENTION HALL GARDENS AND LAWN.
Flower Beds and Informal Border Arranged by Henry A. Dreer, Inc., Philadelphia, Pa.

weeks, the middle of November being about as early as the chrysanthemums can be cleaned out and the beds made ready. Careful watering will be the watchword for the young seeds and do not thin out too early. Wait until the plants are in good growing condition, when they can be thinned out to one plant in a pot.

Anemones and Ranunculus.

The grower desirous of having something out of the ordinary in early spring should grow a few anemones and ranunculus. The bulbs are inexpensive and will help to increase the variety at a time when the flower users are looking for something that they have not seen all winter. No doubt failure in starting these bulbs has caused many growers to give up the attempt of their culture, but if once understood they are as easily grown as any other of the bulbous flowers. The bulbs should be planted in flats close together and covered with about half an inch of soil and then placed under a bench in a cool house. Under no circumstances water the soil or place them where water will drip upon them, for if they become wet they will surely rot. Place papers over the flats to prevent evaporation and in about three weeks the bulbs will throw out roots and the tops start. They can then be placed in pans or in the benches and grown as any other bulbs are handled.

Cyclamens.

In order to have nice large plants of cyclamens for another year, now is the time to sow the seed. This can be deferred until later and the seed planted at any time until the first of the year, yet it is much better to start them early and obtain a nice well-foliaged plant full of bloom in a 6-inch or 7-inch pot than a smaller plant with but a few blooms and flowers, which is sure to be the result with the later sown seed. Soak the seed for about 24 hours in tepid water and place the re-

ceptable in a warm place, and plant in flats about one-half to three-quarters of an inch apart and there will be need for but little further labor until later in the winter. Be sure and have a light porous soil with a good proportion of leaf mold. The plants that are to be in bloom for Christmas should now be making good growth and be in the blooming pots. Any buds that show up at this time should be removed. Give the plants plenty of room and leave them from now on in full sunlight and in a cool, well-ventilated house. A sharp lookout for aphids must be kept up and regular fumigation continued. The plants for late winter and spring blooming can be kept out in the frames as long as safe from frost and then placed in cool quarters until time to give them more heat, which will depend upon the time they are wanted in bloom.

Pansies.

The pansies for early spring trade should be placed in the frames that they may become established before freezing weather commences. Make the soil good and rich. It is the plants with large flowers in the spring that find the quick sales and these cannot be obtained in poor soil. Set the plants about five inches apart and water well after planting. Keep those of a kind together and plant all the mixed lots adjoining. There is more time wasted in the retail selling of pansies than any other flower, traveling back and forth over a mixed bed trying to pick out a nice assortment. This is especially so with some customers and in setting out the plants try to prevent this as much as possible. When freezing weather comes cover the frames with sashes which will prevent the snow from lying too heavily upon the plants and also much freezing and thawing. If frozen for months and covered with sash no harm will be done, but if a warm spell should come on, the sashes should be raised to allow ventilation.

Anemone Japonica.

One of the finest fall perennials is the Anemone Japonica, which is now in bloom, and if it is not included in the grower's stock at present, it should be procured. There are both white and pink, but for general use the former is to be preferred. Where the plants are in bloom a framework should be built over them that heavy cloth may be drawn over and protect them from the early frosts, and they will bloom for some two or three weeks yet. If it is desired to increase the stock, a plant can be lifted and the roots cut into several pieces about an inch long and the pieces inserted in the propagating bench and they will root in about four weeks. Pot them up in 2½-inch pots and when the roots have spread into the soil the pots can be placed under a bench and run dry until spring, when they should be potted in 3-inch pots and grown on until all danger of frost is passed and then planted out.

Philadelphia Convention Hall Decorations

Convention hall, Philadelphia, Pa., which will be the scene of the fourth national flower show, to be held in that city March 25-April 2, 1916, is already taking on a festive appearance and calling attention to the coming event. What has heretofore been barren wastes surrounding the building are being fast transformed into attractive gardens, and a great improvement has already been wrought, Henry A. Dreer, Inc., and the Henry F. Michell Co., Inc., of Philadelphia, who have been responsible for the pleasing effect, deserving great credit for their public-spiritedness.

In front of Convention hall, as shown in the accompanying illustration, gardens and lawn, having a frontage of 90 feet and a depth of 45 feet, have been arranged by Henry A. Dreer, Inc., while at the rear and next to the building, a large informal border 90 feet long and varying from

10 to 16 feet in depth has been planted by the same firm. The rear of this border is planted with *Canna Louis Reverchon*, and in front of these, *Canna Gustav Gumper*, the entire bed being bordered with *Pennisetum Ruppellii*. The two large oval beds contain Dreer's single fringed *petunias*. Between these there is a large specimen plant of *Phoenix sylvestris*. The gardens and lawn are now in a flourishing condition and are causing a great deal of favorable comment.

THE CARNATION.

Seasonable Care of the Plants.

The plants that have been planted in the benches for 10 days or more are beginning to get established in the new soil, and from this time on will be able to stand more sun without wilting. The mud shading on the glass can now be gradually removed. In our locality (Illinois), the heavy rains have done a good job in cleaning off the shade, and all that remains now, is a thin scum; this we shall allow to stay on for another week or so, and then give the glass a good washing off. It will take a brush and plenty of water to clean the glass thoroughly, but the sturdy growth of the plants after the glass has had a good cleaning off, well repays for it.

The weeds will begin to spring up very quickly in the fresh soil and the work of cleaning them out should be the next thing to claim our attention. They ought to be attended to as soon as large enough to handle and it is a serious mistake to allow them to remain to get large enough to cover the surface of the bed and prevent the sun and air from penetrating the soil. Go over the beds while the weeds are small, then, if necessary, attend to it a second time.

The grower's principal aim during the weeks closely following the housing of the plants should be to get the soil in a fit condition for the roots to work freely and at the same time give to the plants a sturdy, vigorous growth. For the first month or six weeks after planting, keep the surface of the soil open by frequent scratchings, watching out not to disturb the new roots that are springing out from the plant. At the end of this period go over the beds and level off the surface so that the beds can be watered evenly. If the soil is light, a moderate pounding down will improve it greatly, but this should not be practiced with a stiff clay soil, the main object being to get the soil in condition for the water to pass freely through it and not retain an over abundance of moisture.

Syringe the plants daily on bright, warm days to keep the red spider in check and to moisten the atmosphere, but do not saturate the soil. Remem-

ber that syringing and watering should be two entirely different parts of the work. Go over the beds first and water any of the dry places that need it, then attend to the syringing of the plants.

Topping back the growths should be continued, excepting on plants from which early flowers are desired, but do not allow the plants to bloom before they have attained a good size or there is a demand for the flowers. The topping from this time on should mean the pinching back of the shoots that are stretching out into bud, and to keep them in shape the plants will need going over once every week or 10 days. Quick growing varieties like *Beacon* can be topped farther into the season and still produce an early crop of flowers, and with the red varieties when the main crop is wanted for the Christmas holiday, this should also be borne in mind. *Rosette*, *Matchless* and other varieties with corresponding heavy growth and foliage ought not to be topped very much after September 1.

As soon as the soil in the beds has been put into condition, the work of putting the rings, strings and wires to the plants should be pushed forward for the plants grow very rapidly during the months of September and October, and if not properly supported, they become diseased and a lot of the shoots and foliage ruined.

This is the season when it is necessary to attend regularly to the work of spraying the plants with insecticide to keep the insect pests in check. All the available ventilation should be on both night and day. *Carnation* plants delight in plenty of fresh air, and when careful attention is given them in this respect, will respond with a sturdy, healthy growth.

C. W. JOHNSON.

Stumpp's Southampton's Establishment.

The accompanying illustration shows the summer establishment at Southampton, L. I., of G. E. M. Stumpp, well-known New York florist, whose main store is located at 761 Fifth avenue. The Stumpp establishment at Southampton caters to the needs of the Long Island summer colony of the elite at Southampton and vicinity and has proven a most successful venture. The flower shop, shown at the right in the picture, has a frontage of 50 feet and a depth of 75 feet. Here, in addition to a large stock of cut flowers, numerous novelties for the table and porch together with useful ornaments for the lawn and summer home are carried.

The house in the center of the picture is occupied by Mr. Stumpp, and the attractiveness of the landscape arrangement at the front as shown, is heightened by a lily pond in the center, the whole encircled by a driveway.

WITH THE GROWERS

The Joseph Heacock Co.

Nothing succeeds like success—and it appears as if success is the specialty with the Heacock Co. Hard work, with intelligent foresight is the secret. When the business outgrew the equipment at Wyncote, there was no thought of tying up or discouraging the increasing demand; it must be encouraged and the great rosehouses and dairy at Roelofs are the result. The dairy was at first a side issue, a by-product, as it were, but as it grew it was also encouraged until now its business amounts to over \$40,000 a year cash money, with several by-products that turn in considerable more. The manure, which was to be the main feature of the dairy, is now all velvet. The farm with its 40 acres of well established alfalfa, its hundred and more acres of corn and other crops, is a model of successful handling.

The large rosehouses are in the best possible condition. The thousands of Killarneys, white and pink, although they have produced as well as ever, which is indeed almost a record for the varieties wherever forced, are to give way in rather a large percentage to provide room for *Ophelia*, *Hoosier Beauty* and possibly a few other of the newer sorts. Everything is planned here for expansion; there is an excess of boiler capacity, abundant water supply, cold storage facilities; acre after acre of adjoining land lying just right for such ideal houses as have been erected. A large peach orchard is full of vigor and just right after its two years' growth for a good crop this season.

At Wyncote, the specialty is kentia palms grown there from the seed bed up to the large made-up specimen. Nowhere else are they done any better, at least in this country. They are first salable in 2½-inch pots for the centers of fern dishes; then in 4-inch and on up to 8-inch single, and after that many are made up into the bushy plants of commerce. Earthen pots are tabooed above 7-inch, all the larger sizes being grown in cedar tubs, which are much easier to ship and preferred by the decorators for their work.

Cibotium ferns were tried here, on a small scale at first, their growth not being encouraged because they took up so much room. Later it was found that they could be grown suspended from the roof without interfering with the palms beneath, and from that time on they became a standard crop and are now called velvet, because they are grown almost entirely in the air space of the houses that could not be utilized in any other way and get the benefit of the heat



G. E. M. STUMPP'S SUMMER ESTABLISHMENT, SOUTHAMPTON, L. I.
Flower Shop at the Right; Mr. Stumpp's Residence in Center.

and light without being charged for table space. Many Scott ferns are also grown in this way and make splendidly finished stock. The large cibotiums are finished on iron pedestals, which take up no room from the stocks underneath.

The orchids, particularly cattleyas, are a feature. They occupy one large house with several subdivisions and overflow into and fight for place with the ferns on the rafters of the palm houses. To sum up, the Heacock Co. does things with such a degree of fitness and method to insure profitable results that they are easily among the first men of the land in their specialties.

K.

Anton Schultheis, College Point, N. Y.

Anton Schultheis has a well established reputation as a florist, and his activities as a plantsman have for many years been appreciated, not only by the retailers of New York, but also by those of many other cities. For the coming season he will have a great stock, and even at this early date, it is very interesting to visit his range and grounds, for not only is there a large greenhouse stock, but also several acres covered with fine plants that have been plunged and are making fine growth.

In the greenhouses there is a fine stock of orchids. The houses made vacant by the spring sales and the removal of thousands of plants to the open, have been filled up with pot chrysanthemums, and when the season arrives he will have a great stock of these ready for the market. Of the many other good features none are more interesting than his great stock of ardisias, which he has grown from both seed and cuttings. He has thousands of these plants, part of which will be ready for this season's market, while others will be grown on. A large stock of the latter are in the outside frames.

Mr. Schultheis is not worrying about the possible holding up of azaleas, as he has a considerable stock on hand and anyway he says: "I have plenty of other plants." There

are thousands of hydrangeas, in various sizes and all in splendid condition. There has been almost too much rain for some stock but it is hard to drown the hydrangea. The heather, of which there is a large stock, is another very interesting feature and it looks well.

varieties. Many of the plants are of large size. Cyclamen and camellias take up space in several houses and these stocks are very promising.

The stock of Boston and other ferns is in fine condition. If anybody thinks that old *Bostoniensis* is going out they will change their minds by



JOS. HEACOCK CO., WYNCOTE, PA.

Cibotiums Suspended Over Palms.

This range has long been noted for pot roses, and is now well ahead of previous years. Mr. Schultheis is always on the lookout for rose novelties, and he now has a number which look very promising, but visitors will find the usual great stock of ramblers in variety and other old favorites in pot roses. A house filled with dracenas is another interesting sight. The well known *D. terminalis* is prominent and there are other good

visiting this range. We have thus briefly sketched the leading features in the plant line. A constant supply of lily of the valley is sent to market and many lilies are grown. In addition to seeing the place it is worth while to see the man, as Mr. Schultheis has been quite a traveler and is an interesting talker. Accompanied by two of his sons he has recently returned from a trip to Niagara Falls and other northern points. A. F. F.

Frederick A. Danker, Albany, N. Y.

Although Frederick A. Danker is quite well and favorably known to many in the trade who have met him in business, or socially, all cannot know the extent of his activities in his home city of Albany. Let us state in the beginning that what is here written is not what the correspondents of the great newspapers call an "inspired" article. We simply went to Mr. Danker's range to see it and are jotting down a few thoughts. The range and nursery is located in a fine section of the suburbs of Albany and easily accessible from the business center. There are, we judge, about 50,000 square feet of glass and a variety of stock is grown, a large section being devoted to roses and another to carnations. There are orchids, lilies, ferns and other stock called for in conducting a high-class retail business, for though this is the dull season, we found business quite active at the store on Maiden lane. In the nursery there are many good features, noteworthy being a fine selection of blue spruce. There is an abundance of land and the nursery might, and probably will, be further extended. Located near the range is a handsome residence, which is the family home. A. F. F.



JOS. HEACOCK CO., WYNCOTE, PA.

Cibotiums on Pedestals Over Palms.

The Florist as a Business Man.

A paper by E. J. Hayward, Montreal, Que., read at the eighteenth annual convention of the Canadian Horticultural Association, London, Ont., August 3-5, 1915.

Probably in no other business occupation has such slow progress been made in the introduction of business methods as by the general run of the ordinary florist. Why is this? If we go back into history we find that horticulture was at the forefront in the time of Adam. Can it be that our lack of progress has been caused by the fact that in most cases (like my own) the ordinary florist has risen from the bottom of the ladder? He may have had to leave school with but a limited education and then to rub along through the general course of training until he became a full-fledged gardener. Then, if he has sufficient ambition, and if he has managed to save up a little capital, he may launch out into what is generally known as the florist business.

Such a florist may have had a thorough training in the culture of plants and vegetables, but as regards a business training (with very few exceptions) he has had none. There is reason to believe that we have growers who do not even keep a record of their sales, and much less a record of their expenses. A local grower, not many weeks ago, told me that when he first commenced business as a grower he decided that he would just draw a weekly wage and leave the balance in the business. Now he finds that some weeks after expenses are paid he has nothing left to draw from. This man is one of our hardest workers.

It is my belief that to be a successful florist you should keep a regular set of books. You should be able, at any moment, to turn up and see what on a certain day the previous year the number and value of your sales were, and at what price you sold and who was your buyer. You should also be able to tell exactly what your day's expenses amounted to. A record should be kept also, as far as possible, of the cost of producing any certain kind of plant or flower grown. It is no excuse to say you have not the time to attend to such trifles. If you are really too busy, I would advise you to engage an experienced bookkeeper. Their services are easy to obtain. Do this, even if it is only for an hour or so one evening a week. If you do you will in the long run be more than fully repaid.

SALESMANSHIP.

If you are a wholesaler you will find experience necessary in salesmanship. In the olden days nearly every salesman, when visiting the trade, imagined that he had to be a bit of a sport. One of his principal assets was an ability to hand out a good-sized cigar and drummer's yarns. The man who could spin the best yarn generally secured the best order. That time has gone. The salesman of to-day has to be clean in his methods as well as in his accounts. He must have the right quality of goods and his prices must be right. He must use good judgment. He must know when to stop trying to press a sale. He should never talk too much. He must know when it is time to say good-day.

If a grower is able to collect C. O. D. he is a lucky man. As a wholesaler it is nearly impossible, in fact, it is hardly to be expected that this can be done. Still, the florist should have terms. Short terms of 30 days are far the best, as the older a debt is, the more difficult it will be to collect it. If

you are a poor collector, hand it over to your bookkeeper, who, because of his experience, will know how to get after it.

COMPETITION.

Competition is the spice of life. I know of no better stimulant than competition. It keeps the grower wide awake and forces him to try to produce the right quality of goods. Still, there is many a man who wastes too much time wondering what the other fellow is doing, and trying to figure out how his competitor can sell a certain plant or flower at such a low price. I often think that the worst thing a man could do to his competitor might be to send him a copy of his orders. Then his competitor would waste so much time wondering how to get them that he would neglect his own business.

Success generally attends the man who minds his own business and who keeps on friendly terms with his competitor and who does not try to beat him down.

MANAGEMENT.

Many a first-class grower makes a very poor manager. He is far too easy in his methods and willing to take over all the responsibility from his employes. This is a mistake. He should foster reliability, which is best gained by accepting responsibility. Every one under his supervision should be responsible for a certain amount of work, even down to the boy that washes the flower pots. The real manager will never expect a man to do a thing that he would not like to do himself. He should pay him a fair wage for the amount of goods he is capable of producing. He should not take all the holidays and forget his man at home. If a man is not worth a holiday he is not worth keeping. He should be courteous to all his employes and try to make them happy, as it is only the contented man who will do a real day's work.

A manager must be a sticker. He must stick to business no matter what drawbacks and disadvantages crop up. He ought to take an interest in his local florist club meetings, remembering they are being held for his benefit. He should be a regular exhibitor at horticultural and floral shows, presenting his goods before the public, and thereby keeping in touch with the members of the trade. He should always try to be on hand at all flower exhibitions to give advice

to the amateur whenever asked, remembering always that the amateur is the backbone of the trade.

Storm at Houston Causes Heavy Loss.

The recent storm which swept the Texas gulf coast did much damage in the city of Houston and its environs, and losses to florists' establishments there are heavy. At the greenhouses of the R. C. Kerr Floral Co. the loss will amount to about \$5,000, the range being completely demolished, as shown in the accompanying illustrations. H. H. Kuhlmann's loss is also very heavy, estimated at \$5,000 also. The store of the Cotney Floral Co. on Washington avenue was destroyed, and Mr. Cotney and his family caught in the wreckage, he being injured, but his condition is not thought to be serious. W. T. Hauser, of the Houston Floral Co., lost about one-half of his greenhouses, the damage being estimated in the neighborhood of \$3,000. The Brazos Greenhouses suffered small damage, escaping with the loss of about 400 feet of glass, the houses being of modern construction and withstood the storm very well.

The down-town store of the Forestdale Nurseries suffered loss of three large plate glass windows and much damage to stock. The store and conservatory of the R. C. Kerr Floral Co., also in the business district, was only slightly damaged, being protected from the force of the storm by several tall brick buildings. At H. H. Kuhlmann's retail store two plate glass windows were destroyed, while at the establishment of the Gulf Florist, a small greenhouse in the business center, the damage was heavy. C. H. Blecker, located at Glenwood cemetery, had the top of his store blown off, and the greenhouses also suffered considerable damage.

While it is the consensus of opinion that it is too late in the season to do anything now, except what is necessary to protect the stock on hand, the florists take their losses optimistically and of the nature of a blessing in disguise. They will build modern houses to replace the old ones that have been in use for the past ten or fifteen years, and visitors to the S. A. F. convention at Houston next year will be impressed with the modern establishments of their Texas brethren. All of the wreckage will be cleared away in the near future, and preparations will be made for the erection of the new ranges in the spring.

R. C. K.



R. C. KERR FLORAL CO.'S GREENHOUSES, HOUSTON, TEX., AFTER THE STORM.

FLORISTS' PALMS.

Summer Care.

The usual weather of mid-summer, which includes not only high temperature, but also fairly high humidity, is quite a help for the grower of palms, for such conditions do much to promote the growth of the stock, provided that watering, syringing and

crops were not quite ideal, but with a favorable autumn much lost ground may be regained, for it is remarkable how much growth is made during September and October, with a combination of bright weather and cultural care.

Areca lutescens seems to be among the palms in light supply the present season and this cannot readily be blamed on the European disturbances,

Fumigating With Hydrocyanic Acid Gas.

The materials necessary for fumigation with hydrocyanic acid gas are potassium cyanide (98 to 99 per cent pure), commercial sulphuric acid, and water; and the utensils required are half-gallon or gallon stone, earthen or granite jars and a supply of ordinary small paper bags. It is impossible to give a set formula prescribing the exact quantity of potassium cyanide to be used, says John J. Davis, assistant to the Illinois state entomologist, in charge of greenhouse investigations, in a recent circular, owing to differences in the tightness of greenhouses. In those of average tightness I have used it on roses and cucumbers, without injury to them, at the rate of one ounce to 3,500 cubic feet of space.

The number of cubic feet in the house should first be accurately calculated. The methods of doing this may be illustrated by a simple computation on the dimensions given in the accompanying figure, the understanding being that the length of the house is 100 feet.

The cubic contents of the rectangular part of the house, $a c d e$, equals $24 \times 6 \times 100 = 14,400$ cubic feet; that of the triangular part, $a b x$, equals $8 \times 8 \times 100 \div 2 = 3,200$ cubic feet; and that of the other triangular part, $b c x$, equals $8 \times 16 \times 100 \div 2 = 6,400$ cubic feet. The cubic contents of this house are, therefore, $14,400 + 3,200 + 6,400 = 24,000$ cubic feet. Assuming the house to be of no more than the average tightness, we may safely use the potassium cyanide at the rate of one ounce to every 3,500 cubic feet of space, and 24,000 divided by 3,500 equals 6.8+, which is the number of ounces required in this illustrative case.

The next procedure is to get the materials in readiness for use, and to place the jars in the house. For every ounce of the potassium cyanide used, two ounces of sulphuric acid and four ounces of water are required. Two ounces of the cyanide is about the right quantity for each half-gallon jar, therefore for a house of the above dimensions four jars should be placed at equal intervals along the aisles, and the 6.8+ ounces of it divided into four equal parts, and each part put into one of the paper bags. These are used not only for convenience in handling the cyanide when placing it in the jars, but also because they slightly delay the action of the acid upon it, thus giving the fumigator ample time to leave the house before the reaction occurs.

The jars being placed and the cyanide properly weighed and bagged the next step is to close the ventilators in order to prevent all avoidable escape of the gas. The water—four fluid ounces to each avoirdupois ounce of cyanide—is then placed in each jar, the sulphuric acid—half as much as of the water—is added, and as soon after as possible the bags of cyanide should be put into the jars and the house vacated immediately. Doors should be locked and labels posted designating the danger. No one should enter the house until it has been thoroughly aired by opening the side doors, and the ventilators if convenient. It is advisable to fumigate in the evening, keeping the house closed until morning. I have never found a greenhouse so tight that the fumes would remain



R. C. KERR FLORAL CO.'S GREENHOUSES, HOUSTON, TEX., AFTER THE STORM.

proper attention to ventilation be given.

A little ventilation at night in addition to fairly liberal airing during the day, tends to prevent an over-accumulation of moisture on the foliage, and also has an influence toward the prevention of fungoid growths on or about the plants, for in houses so continually warm and moist as is the average palm house, there is much encouragement for fungus on the woodwork of the benches and about the plants.

A sprinkling of slaked lime under the benches is also a help to the atmosphere and discourages snails to some extent, the latter pest being sometimes quite troublesome, especially on the young growths of kentias. Two of the worst periods for the reproduction of scale insects are found in the months of May and September, and if these pests can be kept down at those periods, there will be much less trouble during the remainder of the year.

Those who grow palms in quantity have to depend upon dips and spraying with various insecticides, from the fact that it is practically impossible to give the time to each plant that may be afforded by those who only carry a few dozens of palms in stock, but in either case most of the work of this character is likely to be done during the summer months, when there may be a little more time devoted to such work than can be spared in the busier seasons of spring and fall. This fact probably accounts for some of the insect tribulations to which the grower is exposed, as he is seldom able to find time to fight insects during the spring rush, and by this means new colonies are distributed before the danger is appreciated.

The present season is not quite a normal one in many parts of the country, a cool spring having been followed by an unusual rainfall, so that the growing conditions for indoor

for arecas were seldom imported from Europe by the American trade. But beautiful as this palm is, a shortage of arecas would not be felt quite so much as a lack of kentias, the latter having easily the first place in the palm trade of this country.

Kentias and cocos are undoubtedly the palms for the million at this stage of the florists' art in America, and the necessities of these admirable plants are well understood by numerous growers, who put out good stock in considerable quantities each season.

Seaforthias and ptychospermas were rather more common to the trade 15 to 20 years ago than they are now, and as a matter of fact were used for decorative work before the kentias absorbed so much attention, but it is apparently a case of the survival of the fittest, and instead of using Seaforthias for decorating, they are being added to the outdoor garden in those favored localities of the south where palms add so greatly to the permanent effect in the outdoor planting.

Phoenix canariensis and other strong-growing members of that family are also frequently in demand for outdoor use, while the dwarf date, Phoenix Roebelenii, continues to be in demand for house decoration, under which condition it is eminently satisfactory and unquestionably beautiful. In fact as Phoenix Roebelenii becomes more plentiful and more reasonable in cost, it has found further usefulness even in small sizes, in being used to some extent for the centres of fern pans. Livistona rotundifolia is one of the most charming of dwarf palms, but is easily spoiled by insects, requiring constant vigilance on that account, while a comparatively high temperature and moist atmosphere are also essential to its welfare.

W. H. TAPLIN.

OSKALOOSA, IA.—Theo. Greve, North Ninth street florist, is erecting a greenhouse.

In it in dangerous quantity all night, nevertheless, it is safest to air the house well before entering.

As cyanide of potassium is a powerful poison it should be handled as little as possible, and if touched with the bare hands they should be thoroughly washed at once. It should be stored in tightly closed cans or jars, plainly labeled, and kept where it will be inaccessible to persons not acquainted with its poisonous properties. Only a grade which is 98 to 99 per cent pure should be used. Sulphuric acid should not come in contact either with hands or clothes, as it will severely burn the flesh and ruin the clothes. It must not be placed in metal receptacles, as it will soon eat them to pieces.

Always put the water into the jars first, adding the acid later. Never pour water into the undiluted acid. After placing it in the jars the bags of cyanide should be added as soon as possible, for any delay will interfere with the proper reaction of the chemicals, owing to the fact that the acid acts most powerfully when it first unites with the water. The manner of putting the cyanide into the acid is also important. The bags should not be held a foot or more above the jars and dropped in, as the concussion might cause them to be thrown out by the reaction. Each bag must be carefully laid in the jar; but the fumigator must not lean over the jar as he does it, nor remain near it to watch the reaction.

The best shaped jar, when using two ounces of cyanide to a jar, is one four or five inches in diameter and about nine inches high. If more cyanide is to be used in each receptacle a larger jar must be used. The foliage of plants to be fumigated should be perfectly dry; otherwise it will absorb the gas and be burned. Fumigate in the cooler part of the day, and avoid, if possible, a temperature above 60° to 65°, since at a higher one plants are more liable to be injured. After a few fumigations the operator often becomes less attentive to the prescribed directions and precautions. This tendency should be promptly checked, the utmost care and caution being uniformly exercised.

The Sweet Pea.

Paper by J. Harrison Dick, New York, read before the American Sweet Pea Society at the annual convention, Newport, R. I., July 15, 1915.

For the pain that you may have to suffer in having me inflicted upon you this afternoon you must censure your honorary secretary Mr. Bunyard. When I tried to wriggle out of being in this position he said something about it being an honor if I would consent; he meant an honor to the society. He is an inveterate joker. The honor is mine, and I am glad to have this opportunity to make the acquaintance, personally, with many New England growers. For my part I am still largely an Old England grower and lover of the sweet pea.

To a very large extent this fragrant and graceful flower is a product of the British Islands. It was to Dr. Uvedale's wonderfully rich collection of rare fruits and flowers in his garden near London in the year 1700 that Franciscus Cupani, the Italian priest, first sent seeds of the sweet pea from Sicily, where he had found them on plants that were growing wild, and as proving to how large an extent the sweet pea is an English flower, no less

a person than the President of our American Sweet Pea Society, Lester L. Morse, is quoted as saying that fully 90 per cent of the Californian export business in sweet pea seed and over 50 per cent of the total business in sweet peas, is done with Great Britain, 10 per cent going to Holland, Germany and France. The California sweet pea crop is worth about \$250,000 annually to the grower and that great Western state plants 2,000 acres of land to sweet peas for seed every year, yielding over 1,000,000 lbs. of seed.

MODERN HISTORY.

Comparatively speaking, the sweet pea has a short history, nothing to be compared to the rose, the carnation, the tulip, or even the dahlia. Although introduced to culture 215 years ago, it was largely a neglected flower until within our generation. The year 1850 marks the beginning of what the late Richard Dean, a famous English florist, called "the golden period of floriculture," when hollyhocks, pansies, geraniums and many other flowers were being improved. Yet Eckford only began to crossbreed and select sweet peas from the few simple varieties then existing in 1870, and not until 1882, twelve years later, did he send out his first novelty, the variety Bronze Prince. At that time I was a youngster just making my first journeys to school, and although my father was a raiser of seedling carnations, and took an especial interest in roses, daffodils and auriculas among other flowers, I completely fail to remember whether we grew any sweet peas. I believe that was the general state of affairs at that date. Sweet peas were but little grown. Twenty years after, in 1902, it was not only the professional gardeners and commercial florists who were growing sweet peas, but practically every man in the country who had a few square yards of ground.

The names employed in pre-Eckfordian days were simple, as Invincible Blue, Invincible Striped, Scarlet Invincible, and Violet Queen. The term "Invincible" was given to any especially good strain or stock. At that time some of the German growers were also taking an interest in our flower, for Crown Princess of Prussia, salmon-buff, and Fairy Queen, white, were each sent out from the Fatherland.

It was with some of these earlier peas that Henry Eckford began to work in 1870. The sweet pea is constructed so as to insure self-fertilization, while the great majority of other

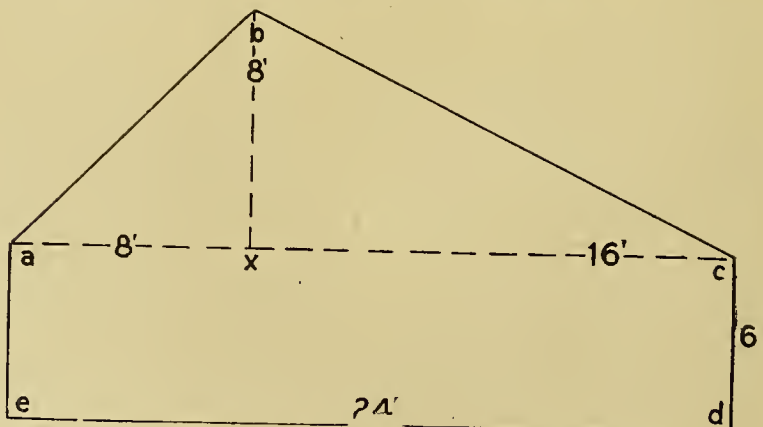
flowers ostensibly solicit cross fertilization. Eckford must have been a close observer to notice that the sweet pea not only guards its reproductive organs with wonderful ingenuity but also becomes self-pollinated and fertilized when the flower is still only half developed or little more.

In new shades of color he had already given the lovers of sweet peas more than a dozen varieties by 1895. Mr. Eckford worked slowly and cautiously, and was not in a hurry to get rich, consequently did not sell any novelty until he was well assured that it would keep true. By 1895 he had sent out between 36 and 40 varieties, or at the rate of about three each year. During the last ten years of his life Eckford added between 50 and 60 other varieties, the total number of novelties sent out by him being 115.

AMERICA'S PART.

But during the 80's and 90's the American raisers had also been very active; indeed, some of the finest varieties that have been grown came from this side of the Atlantic, not to speak of the winter or early-flowering section, which is typically American, interest in which seems to be taking hold among our English friends. A list of the outstanding American varieties down to about six years ago (1909) shows that there were over 80 of them, 43, or more than one-half being introduced by the firm of C. C. Morse & Co., of San Francisco, while well over a quarter of the number (23), were sent out by W. Atlee Burpee & Co., Philadelphia, Pa., the remaining one-fifth being the combined output of all the other firms. Alba magnifica, 1891, Henderson. America (red striped on white), 1896, Morse.

- American Belle, 1894, Burpee.
- American Queen (magenta rose), 1892, Morse.
- Apple Blossom (Spen'r), 1908, Burpee.
- Asta Ohn, 1908, Morse.
- Aurora (salmon white), 1897, Burpee.
- Aurora Spencer, 1909, Burpee.
- Beatrice Spencer (creamy blush), 1909, Morse.
- Blanche Ferry (rose standard, white wings), 1886, Ferry.
- Bride of Niagara (carmine), 1900, Vick.
- Brilliant Blue, 1907, Burpee.
- Capt. of the Blues (Spencer), 1909, Morse.
- Coccinea Spencer, 1908, Morse.
- Columbia (red stripe on white ground), 1898, Hutchins.
- Dainty (primrose with pink edge), 1902, Morse.



PLAN TO COMPUTE CUBIC FEET IN A GREENHOUSE.

Dainty Spencer, 1908, Burpee.
 Daybreak (rose magenta), 1896, Hutchings.
 Dolly Varden (lavender shaded white), 1898, Morse.
 Domino (pink and buff), 1898, Morse.
 Dorothy Vick (scarlet), 1900, Vick.
 Earliest of All (pink and white), 1898, Burpee.
 Earliest of All (white), 1906, Burpee.
 Emily Henderson (white), 1892, Henderson.
 Evening Star, 1904, Morse.
 Fadeless Scarlet Gem, 1907, Morse.
 Fashion (rosy magenta), 1899, Morse.
 Flora Norton (pale blue), 1905, Morse.
 Flora Norton (Spencer), 1908, Morse.
 Florence Frazer (pink and white), Vaughan.
 Florence Morse Spencer (pale pink), 1903, Morse.
 G'd'n Gleam (primrose), 1897, Sunset Co.
 Gorgeous (orange standard, pink wings), 1899, Morse.
 Gray Friar, 1896, Morse.
 Helen Pierce (blue veined over white), 1905, Morse.
 Janet Scott (salmon pink), 1903, Morse.
 Josephine (white), 1900, Ferry.
 Juanita (white, striped lavender), 1896, Morse.
 Katherine Tracy (bluish), 1896, Ferry.
 Lady Grizel Hamilton, Spencer, 1909, Burpee.
 Lottie Hutchins (bluish), 1898, Morse.
 Lovely Spencer (rose), 1908, Morse.
 Maid of Honor (bluish white), 1897, Morse.
 Majestic (deep rose), 1901, Morse.
 Marie Corelli (bright rose), 1909, Burpee.
 Miriam Beaver (apricot), 1909, Burpee.
 Modesty (bright blush on white), 1898, Morse.
 Mrs. G. Higginson (lavender), 1903, Morse.
 Mrs. Routzahn (salmon pink), Spencer, 1909, Burpee.
 Navy Blue, 1899, Burpee.
 New Countess (lavender), 1897, Burpee.
 Nymphaea (blush), 1905, Morse.
 Orange Spencer, 1909, Burpee.
 Oriental (orange), 1898, Morse.
 Othello Spencer, 1903, Burpee.
 Phenomenal, 1905, Morse.
 Pink Friar, 1899, Morse.
 Primrose Spencer, 1907, Burpee.
 Queen Victoria Spencer (buff pink), 1909, Burpee.
 Ramona (rose and white), 1896, Morse.
 Red Riding Hood, 1898, Sunset Co.
 Rosie Sydenham, 1903, Burpee.
 Salvation Lassie (light crimson), 1902, Burpee.
 Sankey Spencer (blush white), 1909, Burpee.
 Senator Spencer (chocolate striped on white), 1909, Morse.
 Sensation (blush standard, white wings), 1898, Morse.
 Shasta (white), 1900, Morse.
 Snapdragon (red), 1906, Morse.
 Speckled Beauty (pink and white), 1902, Morse.
 Stella Morse (buff standard, tinged pink), 1898, Morse.
 Sue Earl (mauve), 1903, Burpee.
 Sunbeams (pale primrose), 1904, Morse.
 Sunproof Salopian (crimson), 1900, Burpee.
 Sunrise (pink on primrose ground), 1905, Morse.
 Sunset (buff, striped deep rose), 1905, Morse.
 Tennant Spencer (rosy purple), 1908, Morse.
 Wanona (lavender stripe on white), 1898, Morse.
 White Spencer, 1907, Burpee.

White Wonder, 1904, Morse.
 W. T. Hutchins (blush apricot), 1909, Burpee.

Looking over this list it will be seen that the earliest American production of all was Blanche Ferry, in 1886; one of the great peas of history, and as a starting point for an entirely new race is possibly the most famous of all, Countess Spencer alone excepted. This variety, Blanche Ferry, mated by Zvolanek with a precocious sport from the bluish-white Lottie Eckford (1890) gave the first of Zvolanek's crossbred varieties for winter flowering, which he named his Christmas Pink. Burpee's Earliest of All, which is also a pink and white, was however introduced in 1898 a year ahead of Zvolanek's variety. Then came Emily Henderson, strains of which are still in cultivation and this was probably the finest white until the appearance of Eckford's Dorothy Eckford in 1901. I hold this latter to be one of the finest and most perfect of the grandiflora varieties that have ever appeared. Its advent was contemporaneous with Countess Spencer. Our American raisers also were early in the field with striped sweet peas, although Eckford's Mikado (buff, with crimson stripes) was actually the first of this class, in 1895. A year later Morse followed with the famous America, a totally different flower and far superior to Mikado. Gray Friar was a twin of that year, too, to which was added Pink Friar by the same firm in 1899. That was the year of birth, so to speak, of three other champions of their day, Burpee's Navy Blue, Eckford's Capt. of the Blues, and Morse's Gorgeous. The last named had an orange standard and pink wings and took rank as the best of the orange bicolors until the appearance of Helen Lewis (1904) eleven years ago. This is another of the great historical peas, a delightful flower, a strong grower, very floriferous, and a grand autumnal at least according to its behavior in England. It has been superseded there and is but little grown, but in America we wisely stick to it.

The Cupid strain appeared in California in 1893 from a sport found in a row of Emily Henderson. Almost at the same time this dwarf form occurred at other places in America and in Europe.

So one might go on enumerating the names and merits of these charming sweet peas of other and earlier days. It scarcely seems twenty years since we had Countess of Radnor, Lottie Eckford, Mars, Orange Prince and Stanley in our gardens and gloated over them as the newest marvels of the period. But although they were the idols of their time they faded into the background and were forgotten as new queens and floral stars appeared, and by the opening of the present century the acquisitions of the five years since 1895, had almost quite displaced the older ones.

The work since those days has been continuously toward enrichment of the red and orange shades; the refinement of the lavender and gray blue kinds, and the improvement of the pink and white bicolors, and the addition, recently, of those with art shades like Charles Foster, R. F. Felton, Prince George and Rosina. But there is still room for a better scarlet, a better blue, a much better yellow, and new combinations in bicolors.

In a manner, the introduction of

Countess of Spencer in 1904 caused the breeders to begin work all over again. They had to get the Spencer form in all the pre-existing colors. This they have surely achieved. Now the latest break is the double or duplex type, which I certainly think deserves attention. Whether there would be any gain in getting a successful cross with perennial species of *Lathyrus* is problematical. Such a cross might give more resistive foliage, fewer tendrils, longer spikes, and new colors, and ought not to be impossible after what has been done with orchids and with some other flowers.

LITERATURE.

In regard to the literature of the flower, America has the honor of having produced the first book exclusively devoted to the sweet pea, the readable and helpful "All About Sweet Peas" by the Rev. W. T. Hutchins; a second edition was published in 1894. His writings breathe a spirit of the warmest affection for this flower of his choice, and betoken an almost uncanny insight to its needs. Mr. Hutchins must have exercised a powerful influence in spreading a love and knowledge of the sweet pea in the earlier years of its development here. His symbolic description of the flower has been quoted too often to require repetition now, but is a literary classic second to no other in its true and beautiful similes, and was first delivered as the peroration of his address, as I remember well, at the Bicentenary Conference in London in 1900. His work seems to me to deserve prominent recognition at the hands of the American Sweet Pea Society. In 1899 he followed this with "Sweet Peas Up-to-Date," being a complete description of all varieties then known. At that time sweet peas were greater favorites here than in England and Eckford found a better market for his novelties than at home.

Messrs. Wyman and Kains at Cornell were also among the very earliest writers, and issued "A Second Account of the Sweet Pea" in Bulletin 127, in 1897. When their earlier bulletin was published I am not sure. After that time the books on the sweet pea, down to the present date, have come in such a steady stream that the enthusiast can, if he likes, fill a whole shelf in his library with a collection of about four dozen of them. The remarkably careful and exhaustive publications on the history of the sweet peas, with descriptions of varieties and hints on cultivation, the work of Prof. Alvin C. Beal and issued by Cornell University, also add to the value and importance of the American literature on sweet peas, and give to it an enviable and honorable position.

DISEASES.

Again, America's part in the elucidation of our knowledge of the sweet pea is prominently emphasized in the fact that more investigatory work of a successful character on diseases has been done in this country than in any other, chiefly by J. J. Taubenhaus of the Delaware College agricultural experiment station. His complete investigations were published in Bulletin 106, "Diseases of the Sweet Pea," in November, 1914. Therein he fully describes three root-rot diseases: *Thielavia basicola*, *Rhizoctonia* sp., and *Fusarium lathyri*, also a fourth caused by eel-worm (*Hederodera radicolica*); while of stem diseases there are *Scler-*

otinia libertiana, a form of botrytis, causing the damping off of the seedlings; anthracnose or wilt (*Glomerella rufamaculans*), which begins at the top of the stem, working downward, and has been found to be the same disease as the one causing the bitter-rot of the apple; thirdly, streak, caused by *Bacillus lathyri*, and lastly the mosaic disease of the leaves, which is also thought to be caused by a bacillus, though not yet detected. The bud dropping trouble he attributes to a high and unbalanced nitrogen supply. This work of Taubenhaus has given us a scientific understanding of the microscopic enemies of our plants and how best to control them.

THE STIMULUS OF BIG PRIZES.

A word or two might be said here in regard to the impetus given to the cultivation of the sweet pea in England by the National Sweet Pea Society through its exhibitions, its annual trials of novelties, and its admirable Year Book or Annual. Perhaps the latter was one of the most valuable features of its whole work, and it would seem to be desirable that the American Sweet Pea Society, in order to reach its widely spread membership, should furnish them also with as much information from year to year as can be collected and published. By this trinity of agencies—the exhibitions, trials and yearbook, the sweet pea became the great popular flower of the masses, so much so that one of the leading London daily newspapers saw fit to offer a first prize of \$5,000 for a single bunch of sweet peas at a great exhibition of the flower specially arranged for in the Crystal Palace, London. Other lesser prizes were also offered by the same paper, the Daily Mail. Naturally, with the constant advertisement that the paper gave to its scheme, with a daily circulation of upward of a million copies, spread all over the British Isles by means of express trains run especially by the newspaper, everybody took to growing sweet peas. Even outlying villages had their enthusiasts who were keenly competing for the coveted large sum. It happened that the first prize went to a grower in the South of Scotland, nearly 400 miles from London, while the second prize went to another grower in the Isle of Wight, as far south as it is possible to reach, in England. Welsh and Irish growers likewise competed. This was probably the climax of the sweet pea boom, although immense interest still holds there. The following year the firm of Henry Eckford, now conducted by John S. Eckford, in a series of advertisements followed the lead of the Daily Mail, and also offered a first prize of \$5,000 for a bunch of sweet peas grown from seeds supplied by the firm. This was also continued the second year. Every horticultural society and every village that had a flower show made great displays with the sweet pea, and for the time being it was everybody's flower.

POINTS IN CULTIVATION.

I cannot conclude these remarks without some few references to matters of cultivation. The enormously keen competition that these big prizes engendered led to a revision in the methods of cultivation of the sweet pea. Not being content with the ordinary spade cultivation of the soil, and the sowing of the varieties in the ordinary way in lines, leaving them fairly

close to form a hedge, the growers took to trenching their ground early in the autumn 2½ feet and even 3½ feet deep—sometimes more than this, also heavily manuring with farmyard manure, and with dustings of bone meal, wood ashes, soot and lime. Then it became the practice to plant or thin the seedlings to six or eight inches apart, and enthusiasts set their plants much wider even than this in the row. Tendrils and all lateral growth were cut or pinched off in order to throw vigor into the main stem, foliage and flowers. This gradually evolved the cordon or single stem method of cultivation, in which the plants are run up a tall bamboo cane, sometimes 8 feet or 10 feet high. The firm of Dobbie & Co. also did much to foster this superlative form of cultivation by its crops under glass, the plants being very carefully attended in order to produce first-class blooms for the early May exhibitions. These very early flowers of the summer-flowering strain, shown at the great Temple shows in London, were sensational at first; now they have become general, as other growers have followed suit. But the tendency seems to be to try to get the flowers still earlier, and doubtless the American early-flowering strain will be utilized by the breeders to promote precocity.

A successful English gardener summed up the routine of sweet pea culture in the following words: "Trench deeply, manure liberally, plant thinly, stake quickly, water early, and dispoed promptly."

I offer the following as my conclusions as to the most essential points in sweet pea cultivation for summer blooms namely, planting as early as it is at all safe to do so. The sweet pea is a hardy annual, withstanding very severe weather, and requires a long season for its early root growth in order to strike deeply and so secure a supply of moisture and nourishment during the hot days of summer. The second point I would emphasize is the need of entire liberty and freedom for each plant. One of the most fatal things is to cause attenuated growth, or to prevent the maximum development of leaf and stem growth; these build up a robust, disease-resistant plant, and lay the foundation for large, long-stemmed, solid, bright colored, fragrant blooms. Thirdly, I think all tendrils or nearly all should be nipped off at an early stage, together with quite a considerable amount of lateral growth, but not all. Given enough space, a number of branches may be allowed to develop, the laterals from them, however, being nipped. Fourthly, the need of the utmost care in keeping the plants free of aphids or other insect pests from the start. Aphids is far more dangerous than most of us are aware of. No carnation grower would for a moment neglect fumigating or spraying if he desired anything like a successful crop of first-class blooms. A few aphids in the growing point of a shoot will do enough harm in a couple of days to upset the energies of a healthy vine for some time, and may have paved a way for the entrance of disease germs. As to feeding and watering, they are largely subsidiary, although the manuring of the ground ought to receive careful attention at the time of digging and trenching; afterward, very little feeding should be necessary and watering must be done with judicious care. The

late Henry Eckford never watered his peas at all I believe, but relied upon surface cultivation. Water, however, may be necessary occasionally, then a thorough soaking of all the ground should be given.

WORK FOR THE FUTURE.

The sweet pea is a plastic flower, else it could never have created such world wide interest. It has a future as large as the United States—and that is literally true, for although it is grown in every state and territory, we want to feel that it is not only grown and prized in every state but in every section and in every suburban home-plot. There is a great and grand field to be tilled, in a double sense, by the American Sweet Pea Society, which certainly won't be neglected. Yet in the progress of time, if the fragrance of our flower gradually diminishes and is only known to posterity through the records of today, who shall bear the blame? The sweet pea scentless! What a travesty and tragedy. Yet again, whose could be the blame? The raisers, the growers? No, only our Sweet Pea Society which awards 25 points to a novelty for length of stem, 25 for color, 20 for size, 15 for substance, 15 for number of flowers on a stem and not one for fragrance! But we will prefer to regard this as too hypothetical to become a fact.

Those who know most about the sweet pea are the most optimistic as to the possibility of its further development. As a society we have before us the improvement of the doubles; the strengthening of the winter Spencers; the betterment of the Cupids; the quest of a blue that will equal *Salvia patens*; a yellow that will rival the buttercup. We have, indeed, as much work as will keep us all busy for the next ten years. Then we can take stock again.

American Plum Borer.

In Bulletin No. 261 issued by the United States department of agriculture under date of July 19, 1915, E. B. Blakeslee, entomological assistant in deciduous fruit insect investigations reports the results of research into the distribution, feeding habits and character of injury, remedial measures, etc., of the American plum borer, the food habits being especially interesting as contrasted with those of other wood boring species.

The American plum borer does not by any means confine its attacks to plum. It has been taken feeding on plum, peach, Chinese plum, Kiefer pear, mountain ash, persimmon, apple and Russian mulberry, and will probably attack the trees of any common stone or pome fruits when the proper conditions are presented. As has already been stated, the food habits of this insect are of especial interest when contrasted with those of other wood-boring species. The plum borer prefers trees which are not dead and yet are not in a too vigorous condition.

Beginning at some scar, wound, or crevice, where a bark scale offers partial protection, the larva works its way back into the living tissue, in broad, shallow, irregular galleries just beneath the bark. Apple trees partially girdled by collar blight and trees injured mechanically by frost or by some other factor offer the ideal condition for the work of this borer. Without injury of some sort to its host plant

the borer rarely succeeds in establishing itself, and entirely healthy and uninjured trees are in little danger from its attacks. On the other hand, where a tree has suffered injury the work of this borer may, in many cases, considerably shorten its life.

While various authorities have at different times reported this borer as being prevalent in the United States generally, and some parts of South America, specimens in the collection in the United States National Museum, and the correspondence, notes and the collection of the bureau of entomology indicate that the insect occurs in the following states: Arkansas, Arizona, Colorado, Delaware, Florida, Georgia, Illinois, Indiana, Kansas, Missouri, Maryland, Mississippi, North Carolina, New York, Ohio, South Carolina, Texas, Utah, Virginia, West Virginia, Washington, and the District of Columbia.

The plum borer will probably never become a pest of more than ordinary importance, except in occasional isolated cases. Its food habits are such that it is entirely unable to establish itself upon vigorous, healthy, uninjured trees. However, in common with a number of other insects it does deserve some attention on account of its ability to do considerable real injury where the proper conditions are presented, i. e., where trees have been injured by hail, frost, or attacks of fungous diseases, and its rather indiscriminate choice of food plants increases its opportunities in this direction. One of the most common instances of this in the observation of the writer is in the case of the collar blight of apple, where the injury done by this disease is frequently supplemented by subsequent attacks of the plum borer. When the ordinary precaution of cutting away the dead bark and painting the wounded areas is followed, this may be regarded as sufficient for the control of the borer. Where the borer has established itself already the cutting-out method is the only one that can be followed. Nothing may be expected from the application of poisonous washes.

TEXARKANA, ARK.—Herbert D. Enoe has purchased the State Line Floral Co.

BAY CITY, MICH.—Boehring Bros. have purchased the Bay City Flower Store.

FULTON, ILL.—Jos. W. Lawson, of York, Neb., has purchased the vegetable houses of J. E. Kerman.

SPOKANE, WASH.—The flower show, under the auspices of the Spokane Horticultural Society, will be held September 10-11.

BATTLE CREEK, MICH.—The Grand Trunk Horticultural Society held its eleventh annual flower show in this city, August 24-25.

KNOXVILLE, TENN.—O. M. Watson has succeeded R. G. Bridge as assistant horticulturist, University of Tennessee. Mr. Bridge resigned and has returned to his home at Joplin, Mo.

SACRAMENTO, CALIF.—Solano and Marin are the only two counties in the state not supporting a county horticultural commissioner, according to Dr. A. J. Cook, state horticultural commissioner.

LINCOLN, ILL.—The employes of W. H. Gullett & Sons' greenhouses spent an enjoyable day August 13 with a picnic at Steinhauer's grove, about eight miles north of the city. There were about fifty present from both of the Gullett plants.

OBITUARY.

The Late James W. Lynes.

James W. Lynes, for 11 years in the flower seed department of Peter Henderson & Co., New York, died suddenly at his residence, 137 West 14th street, in that city, Friday, August 20, from a stroke of paralysis. He had been ailing for some months, but his condition was not considered serious and the end was not looked for.

Mr. Lynes was born in England in 1866 and came to this country about 25 years ago, and had previously been engaged in the florist's business in Massachusetts, Kentucky and Iowa, and in the seed department of Northrup, King & Co., Minneapolis, Minn. He was married to Miss Stella M. St. John in 1903. He was a member of



The Late James W. Lynes.

Thistle Lodge I. O. O. F. of Somerville, Mass.

He was greatly admired and respected by all with whom he came in contact, and his loss is felt keenly by his employers and many friends. The funeral services were held on Sunday at his late residence and the interment was at Summitville, N. Y.

C. C. L.

L. W. Kervan.

L. W. Kervan, head of the Kervan Co., 113 East Twenty-eighth street, New York, died at the Roosevelt hospital in that city, August 24, aged 72 years. He was a civil war veteran and a member of the Grand Army of the Republic. After the war he lived for some years in Florida, and there founded a great business in florists' green, which was later transferred to New York. He was a man of very fine character. A widow and four sons survive.

A. F. F.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

August 26-September 3, Des Moines.—Iowa State Fair. Elmer Reeves, Waverly, Ia., superintendent of horticulture; Wesley Greene, Des Moines, superintendent of floriculture.

August 30-September 3, Columbus.—Ohio State Fair. T. B. West, Perry, O., superintendent of horticulture and floriculture.

September 6-11, Indianapolis.—Indiana State Fair. John C. Haines, Lake, Ind., superintendent of horticulture and floriculture.

September 6-11, Wilmington.—Delaware State Fair. R. G. Buckingham, R. F. D., Newark, Del., superintendent of horticulture and floriculture.

September 6-11, St. Paul.—Minnesota State Fair. J. V. Bailey, R. F. D., Bradley Station, St. Paul, Minn., superintendent of horticulture and floriculture.

September 6-15, Detroit.—Michigan State Fair. H. S. Newton, Hart, Mich., superintendent of horticulture; H. H. Dow, superintendent of floriculture.

September 12-19, Topeka.—Kansas State Fair. O. A. Whitney, Capitol building, Topeka, superintendent of horticulture and floriculture.

September 13-17, Milwaukee.—Wisconsin State Fair. D. W. Larkin, Sturgeon Bay, Wis., superintendent of horticulture and floriculture.

September 13-18, Louisville.—Kentucky State Fair. J. H. Carmody, Experiment Station, Lexington, Ky., superintendent of horticulture; Wm. Mann, Louisville, superintendent of floriculture.

September 13-18, Syracuse.—New York State Fair. D. Lumsden, Ithaca, N. Y., superintendent of horticulture and floriculture.

September 14-17, Berlin.—Connecticut State Fair. L. W. Gwatkin, Berlin, superintendent of horticulture and floriculture.

September 14-18, White River Junction.—Vermont State Fair. D. H. Stafford, Brattleboro, Vt., superintendent of horticulture and floriculture.

September 14-17, Kingston, R. I.—Washington County Fair. A. C. Money, Exeter, R. I., superintendent of horticulture; James C. Sykes, Peace Dale, R. I., superintendent of floriculture.

September 20-25, Hutchinson.—Kansas State Fair. O. F. Whitney, Capitol building, Topeka, Kans., superintendent of horticulture and floriculture.

September 20-25, Nashville.—Tennessee State Fair. R. F. DeBerry, Humboldt, Tenn., superintendent of horticulture.

September 20-25, Helena.—Montana State Fair. M. L. Deau, Missoula, Mont., superintendent of horticulture and floriculture.

September 20-25, Grand Rapids, Mich.—West Michigan State Fair. L. R. Taft, East Lansing, Mich., superintendent of horticulture and floriculture.

September 27-October 1, Tranton, N. J.—Trenton Inter-State Fair. Prof. A. J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

September 27-October 2, Salem.—Oregon State Fair. O. E. Freytag, Oregon City, Ore., superintendent of horticulture; Prof. A. L. Beck, Corvallis, Ore., superintendent of floriculture.

September 28-October 2, Douglas.—Wyoming State Fair. Hosea M. Hantz, Douglas, superintendent of horticulture; Mrs. Anna Jenne, Douglas, superintendent of floriculture.

October 11-16, Richmond.—Virginia State Fair. A. Warwick, Richmond, superintendent of floriculture.

October 19-22, Raleigh.—State Fair of North Carolina. Col. Joseph E. Pogue, general superintendent.

October 26, November 5, Macon.—Georgia State Fair. Harry C. Roberts, secretary, Macon, Ga.

November 3-3, Shreveport.—Louisiana State Fair. Louis W. Bruegerhoff, Shreveport, secretary.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

October 21-26, San Francisco, Calif.—Fall Flower Show. Pacific Horticultural Society in conjunction with the Chrysanthemum Society of America and the Department of Horticulture of the Panama-Pacific International Exposition, Palace of Horticulture, Exposition grounds. T. Taylor, secretary, 2714 McAllister street, San Francisco.

November 3-5, New York.—Exhibition of flowers, plants, fruits and vegetables. American Institute of New York, 25-33 West Thirty-ninth street. W. A. Eggleston, secretary, board of managers, 324 West Twenty-third street, New York.

November 3-5, Tarrytown, N. Y.—Exhibition of the Tarrytown Horticultural Society, Music hall, Edward W. Neuhrand, secretary, Tarrytown.

November 4-5, Worcester, Mass.—Chrysanthemum exhibition. Worcester County Horticultural Society, Horticultural hall. L. C. Midgley, secretary, 18 Front street, Worcester.

November 4-7, Boston, Mass.—Autumn exhibition of plants, flowers, fruits and vegetables, Massachusetts Horticultural Society, Horticultural hall. Wm. P. Rich, secretary, 300 Massachusetts avenue, Boston.

November 9-14, Chicago.—Chicago Grand Floral Festival. Horticultural Society and the Chicago Florists' Club, Coliseum. N. P. Miller, secretary, 179-183 North Washburn avenue, Chicago.

November 10-14, Cleveland, O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum. Frank A. Friedley, secretary, Exhibition Committee, 356 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel. Ernest K. Thomas, secretary, Box 180, Kingston, R. I.

March 25-April 2, Philadelphia, Pa.—Fourth National Flower Show, under the auspices of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

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New Parcel Post Insurance Ruling.

By order of the Postmaster General, the postal regulations governing the insurance of parcel post were expanded August 21, to include packages valued at from \$50 to \$100 and to extend the insurance privilege to parcels valued at \$5 or less for a fee of three cents. Twenty-five cents is named as the fee for insuring parcels in an amount not more than \$100.

The order amends Paragraph 2, Section 488, of the Postal Laws and Regulations and is immediately effective. Until now a fee of five cents has been charged for insuring all valuations up to \$25. For valuations ranging from \$5 to \$25, the five-cent insurance fee will be charged as heretofore. For valuations between \$25 and \$50, the fee will continue to be 10 cents.

New York Botanical Garden.

TWENTIETH ANNIVERSARY PROGRAMME.

The twentieth anniversary of the appropriation by the City of New York of 250 acres of land in Bronx park for the use of the New York botanical garden will be commemorated at the garden during the week commencing September 6, 1915. Botanists from all parts of North America are invited to attend. The following programme is planned:

Monday, September 6. Assemble at the garden as convenient in the morning; 1:30—Lunch at the garden; 2:30—Address of welcome and an account of the history of the garden; 3:30-5:30—Inspection of a portion of the grounds and buildings; 5:30-7:00—Visit to the zoological park.

Tuesday, September 7. 10:30-1:00—Session for the reading of papers; 1:30—Lunch at the garden; 2:30-4:00—Session for the reading of papers; 4:00-6:00—Inspection of portions of the buildings and grounds.

Wednesday, September 8. Salt Water day on Staten Island, for a study of the coastal flora. Lunch at 1:30, with subsequent opportunity for scientific oratory.

Thursday, September 9. 10:30-1:00—Session for the reading of papers; 1:30—Lunch at the garden; 2:30-4:00—Session for the reading of papers; 4:00-6:00—Inspection of portions of the grounds and buildings.

Friday, September 10. Visit to the pine barrens of New Jersey, under the guidance of the Torrey Botanical Club.

Saturday, September 11. Visit to the Brooklyn botanic garden and an excursion to some Long Island locality. Other excursions of more special characters will be organized if opportunity offers.

Chrysanthemum Bonaffon.

In the obituary notice of the death of the late Thomas Foulds in some of the trade papers recently, mention is made of his having raised the well known and very valuable chrysanthemum, Major Bonaffon. This is an error, as it was a seedling, raised by the great carnation expert, Fred Dorner, of Lafayette, Ind. In the early nineties he became interested in the chrysanthemum and raised several good varieties, among which was this sterling yellow. In the fall of 1893 it was exhibited at the Chicago exposition and attracted a great deal of attention. At the suggestion of Robert Craig, of Philadelphia, Pa., it was named after a personal friend of his, Major Bonaffon, then visiting Chi-

cago, to whom Mr. Dorner had taken a great liking. Major Bonaffon, a Philadelphia city official, was very fond of flowers and greatly appreciated the honor conferred on him. The variety was purchased by Robert Craig and the E. G. Hill Co., Richmond, Ind. It was sent out by them the following year, and has proved the most popular and profitable variety ever introduced.

K.

School Gardens at Lynn, Mass.

Under the direction of School Garden Instructor Ralph E. Hawley, more than 4,000 school and home gardens have sprung into existence about the city of Lynn, and not only are wonders being accomplished along the line of floriculture and horticulture, but a great improvement has been seen among the youngsters, along the lines of vacation conduct. With 4,000 home and school gardens, it means that at least 4,000 Lynn school children have found opportunity to enjoy not only unusual recreation, but an education, and, incidentally, to keep out of mischief during the vacation period, according to the Lynn Item. These gardens vary in size from the humble window box to the pretentious plot of one acre.

A striking example of what is being accomplished in the cultivation of home gardens is shown in the efforts of two boys who have combined in working out a plot near the Sanderson avenue playgrounds, and have already reaped a profit of nearly \$80 from the product of their work. They have only one acre, but through their untiring efforts they have obtained wonderful results.

In the school gardens the use of fertilizer has been eliminated, allowing the youngsters to work solely upon their own resources, and, according to competent judges, the results have been remarkable.

White Fly on Asters and Tomatoes.

ED. AMERICAN FLORIST:

Please let me know how to get rid of white fly on asters and tomatoes in the open ground. G. W. K.

Bloomsburg, Pa.

The United States department of agriculture, department of entomology, reports that it has never known of serious infestation to plants by white flies in the open ground in the country north of Washington, D. C., the injury usually being confined to a certain type of weather, preferably warm and dry, and the insects being readily destroyed by change in weather conditions. Cool, damp weather does not seem to favor their growth. In Louisiana and certain other portions of the south, white flies may become more injurious through protection by certain species of introduced ants to such plants as gardenia and other forms of ornamental shrubs. In such an event, it becomes necessary to adopt the treatment usually accorded to the citrus white fly in its attacks on oranges, the publication on which may be received on application, to the above department, Washington, D. C.

Important to Subscribers.

The date on yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

WALLACE R. PIERSON, of Cromwell, Conn., who underwent an operation for appendicitis at San Francisco, August 18, as announced in these columns last week, continues to progress favorably, according to latest reports.

CALADIUMS, fancy leaved, are now used to a considerable extent in the cut stage, for decorative work and in summer last well in water. The plants are extensively used in basket work during the greater part of the year, the roots being started in succession for this purpose.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address Key 529, care American Florist.

Situation Wanted—By all-around florist, designer; German, single, 25; 10 years' experience; good references; state wages. W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By first class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 539, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By middle aged German gardener as fore-man. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address Key 524, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLOPST, 61 W. Ontario St., Chicago.

Help Wanted—Experienced young saleslady for Chicago loop store. Good wages to right party. Address Key 548 care American Florist.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter. RUGBY GREENHOUSES, Rugby, N. D.

Help Wanted—A thoroughly competent and experienced single man to take charge of the greenhouses and landscape work connected with a large hospital for the insane. Can pay the right man \$6.00 per annum, together with board, room and washing. In making application, go into detail as to qualifications and send copies of letters of recommendation. Address SUPERINTENDENT, Topeka (Kansas), State Hospital.

For Sale—Good retail florist store; reasonable; north side, Chicago. Address Key 545, care American Florist, Chicago.

For Sale—Florists' White Ice Box, 600 pounds capacity; made by Schmidt of Cincinnati; used one year; perfect condition. Cheap, if sold at once. Address Key 551, care American Florist.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175.00; f. o. b. Dayton, \$125.00, cash. Address MRS. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—Small, completely equipped and well stocked nursery in Middle West, short distance from Twin Cities. \$10,000 cash will handle. Address for further particulars Key 540, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—Greenhouse, 37,000 feet of glass, fine wholesale and retail business, good location. A snap for some live man. Reason for selling, death of husband and poor health. For further particulars address MRS. CARL HIRSCH, Hilldale, Mich.

Notice—I want to buy a good retail store in Chicago or suburbs. For further particulars address Key 543, care American Florist.

Wanted—Store fixtures, ribbon and basket cases, ice box, etc., for small store. Oak finish preferred. Must be good and cheap. Send complete description and cash price. JOHN BANCROFT & SON (Inc.), Cedar Falls, Iowa.

Wanted to Buy—Retail greenhouses, dwelling, land. Full particulars price, terms. Box 248, New Rochelle, N. Y.

Wanted to Buy—Retail place. Do not ask double price. Give full particulars, glass, land, dwelling; clear title and doing good business. Box 248, New Rochelle, N. Y.

Wanted to Rent, Lease or Buy—From 5,000 to 15,000 feet of glass, near Chicago preferably west of city. Must be available for immediate occupation. Communications considered confidential. Please state facts only. Address Key 542, care American Florist.

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A competent, reliable man to take charge of a country suburban place of about 130 acres; must have thorough knowledge of trees, plants, flowers and shrubbery; good recommendation required.

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	2½-inch per 100	1000	2½-inch per 100	1000
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The Best Variety Ever Offered.
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Miss Pauline Anderson, late yellow.. 4 00 35 00
This variety scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

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	Per 100	Per 1000
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	Per 100	Per 1000
Quinola, late yellow.....	\$1 50	\$15 00
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Grand Clean-Up Price on Rose Plants

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50 Bulgaria.....	\$14.00
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	Per 100	Per 1000
325 Bulgaria.....	\$7.00	\$70.00
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Field-Grown Carnation Plants, A1 Quality

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10,000 Enchantress.....	6 00	50 00	3,000 Beacon.....	6 00 50 00
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Single Plants		
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\$4.50 per dozen.		
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Made-up Plants		
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7 inch pots, 3 plants in a pot, 36 to 38 in. high	Each	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	Each	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	Each	3.50
8-inch tubs, 4 plants in a tub, 50 in. high	Each	5.00
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10-inch tubs, 4 plants in a tub, 5 ft. high	Each	8.00
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Strong specimens in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.		

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6 inch pots, 3 plants in a pot.....		1.00
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Green, 5 inch pots, 10 to 12 leaves.....		1.00
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Very Fine Colored Stock		
Each 100	Each	100
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6 inch pot... .50		45.00
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6 inch pot... \$1.00		1.50
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6 inch pot... \$15.00		per 100

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Umbrella Plant				
4-inch pot.....				\$8.00 per 100
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40c	50c	60c	75c	\$1.50
ARAUCARIA ROBUSTA COMPACTA				
\$1.00	\$1.50	\$2.00	\$2.50	\$3.50
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Highly Colored Stock				
Each 10	Each	10	Each	
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5 and 6 in. pots.....	.25c, 35c, 50c, 75c and \$1.00 each
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Fancy Lilies, in lots of 50 or more at the rate of \$5.00 per 100.

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Russell		Per 100
Specials.....		\$12.00
Extra long.....	\$8.00 to	10.00
Good medium.....		6.00
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Sunburst, Ophelia, Rhea Reid, Bulgarie and Sawyer		Per 100
Extra long.....		\$6.00
Medium.....	4.00 to	5.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00
Medium.....	\$4.00 to	5.00
Short.....		3.00

Cecile Brunner		per bunch, 25c
Choice EASTER LILIES.....	75c per doz.	5.00
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ASPARAGUS SPRAYS and SPRENGER.....		2.00 to 3.00
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ADIANTUM.....		1.00
GALAX, bronze and green.....	per 1000,	\$1.00

ROSES in lots of 300 or more at the rate of \$20.00 per 1000

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AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

ROSES MORE PLENTIFUL.

Roses are more plentiful now than they have been for several weeks and the quality in nearly all instances is exceptionally fine. Mrs. Chas. Russell roses are in large supply and are moving as well as can be expected. American Beauty roses are in fairly good demand, but there are not very many short-stemmed flowers reaching the market. Ophelia, Sunburst, Prince de Bulgaria and Mrs. Aaron Ward are to be had in large quantities and the same holds goods for Hoosier Beauty, Hadley, Rhea Reid, Mrs. Geo. Sawyer, White Sawyer, Killarney Brilliant, Killarney, White Killarney, Double White Killarney, Francis Scott Key, Milady, Richmond, Killarney Queen, Lady Hillingdon, My Maryland and Cecile Brunner. Carnations are in fair supply, but do not cut much figure in the market now. Asters are in good supply and fancy stock is obtainable at reasonable prices. Gladioli are still seen in extraordinarily large numbers at all the wholesale stores, but are not moving any too well, and it is a question whether it is paying the grower to cut and ship them into the market. Chrysanthemums are more plentiful and are in fair demand, with the retail florists using them mostly for show purposes in their window displays. Orchids are none too plentiful and the same holds good for lily of the valley, which has advanced in price the past week. Lilies are plentiful enough to supply the demand. Dahlias are to be had, but there does not seem to be as many around as in former years. The local trade has been quiet the past week, but the out-of-town demand has been good. Everywhere one goes one finds the florist busy making preparations for fall, which means that the vacation days are nearly over and everyone is again getting down to brass tacks,




F E R N S

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

so as to be ready for whatever the fall season has in store for them.

NOTES.

Paul Richmond, formerly with George Walther, 6310 Normal avenue, has accepted a position as salesman and designer with W. J. Smyth, 3101 South Michigan avenue, and will fill the vacancy which occurred when Arthur A. Weatherwax resigned to embark in the retail business for himself. Mr. Richmond was quietly married this week to Miss Grace Goodall, who was also in the employ of George Walther.

C. C. Taylor and G. F. Leonard, with the Kentucky Tobacco Product Co., Inc., Louisville, Ky., have spent the week here on business. Mr. Taylor says that trade the past year has been very good and that his firm has no cause whatever to complain of dull times.

Arthur A. Weatherwax, who bought the Drexel Flower Shop at 828 East Forty-seventh street last week, will have a grand opening, September 4, when he takes possession.

CUT FLOWERS

Everything Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.
ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Miss Mabel Schultz of the J. A. Budlong office force has returned from a pleasant visit in Wisconsin. Fred Price of the store force is enjoying his vacation this week.

Kyle & Foerster are fixing up their store in grand style, both the upstairs and basement, and will soon have everything in fine shape to handle the fall business.

Miss Thaden, proprietor of the Flower Shop, Cincinnati, O., was here this week on a combined business and pleasure trip.

C. O'Brien and wife, Greenville, O., passed through the city this week on their way home from San Francisco, Calif.

PETER REINBERG

30 East Randolph St., **CHICAGO** LONG DISTANCE PHONE CENTRAL 2846.

HEAVY SUPPLY

FANCY OPHELIA ROSES

Also choice American Beauty, Russell, Killarney Brilliant, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower.

Subject to Change Without Notice.

Current Price List

AMERICAN BEAUTIES		Per doz.	MRS. CHAS. RUSSELL		Per doz.
48-inch stems.....		\$3 00	Specials.....		\$1 50
36-inch stems.....		2 50	Select.....		1 00
30-inch stems.....		2 00	Medium.....		75
24-inch stems.....		1 50	Short.....		50
15 to 20-inch stems.....		1 00			
Short.....		\$0.50 to 75			
Richmond.....					
Killarney.....					
White Killarney.....					
Killarney Brilliant.....	Extra select.....	\$7 00			
My Maryland.....	Select.....	6 00			
Sunburst.....	Medium.....	5 00			
Milady.....	Short.....	\$3 00 to 4 00			
Ophelia.....					


ROSES, our selection..... \$3.00

ROSES, our selection.....		Per 100
Asters.....		\$ 1 00 to \$ 3 00
Carnations.....		1.00 to 3.00
Harrisii.....		10 00 to 12 50
Gladioli.....		4 00 to 6 00
Valley.....		3 00 to 4 00
Adiantum.....		1 00
Asparagus, per bunch.....		50c to 75c
Ferns, per 1000.....		\$2 00 25

2,000,000 Feet of Modern Glass

**Z M
E A
C & N
H N**

The Key to Our Success Quality and Service

 We are Wholesale Florists
Doing a Strictly Wholesale Business

30 E. Randolph St., **Chicago** L. D. Phones Central } 3283 Automatic, 42-965

Fred Stielow is cutting a fancy grade of Mrs. Chas. Russell roses at his Niles Center greenhouses, which are in brisk demand at the Chicago Flower Growers' Association store. He is growing all told about 10,000 plants of this variety this season.

Joe Schuler, of Hoopston, called on A. L. Vaughan & Co., August 20, when he was in the city to meet his wife and children, who have been visiting Mrs. Schuler's parents at Council Bluffs, Ia.

Allie Zech, with Zech & Mann, and wife, are spending a few weeks at Tomahawk Lake, Wis. Fred Otten-

bacher is in charge at the store during his absence.

Miss Anna Meyer, with the Rentschler Floral Co., Madison, Wis., visited several of the leading local retail establishments during her visit here last week.

Klimes & Vyhanlek, West Eighteenth street, have dissolved partnership. Mr. Klimes has just opened a new store at 1257 West Eighteenth street.

Victor Young, manager of the George Wittbold Co.'s North Clark street store, is back on the job after enjoying a well earned vacation.

C. Frauenfelder, 3343 West Madi-

son street, wife and daughter Hazel, have returned from a most delightful visit in California.

The John C. Moninger Co. has received an order from the Cudahy Floral Co., Cudahy, Wis., for another house, 28x17 1/2 feet.

Michael Fink, with the Chicago Flower Growers' Association, is enjoying a two weeks' vacation.

Erne & Klingel are featuring a fancy grade of asters and dahlias at their store this week.

V. Bezdek, of Wilmette, is the proud father of a baby girl.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, CHICAGO
Randolph 2081. BEAUTIES-ROSES-CARNATIONS

Mrs. Horton, of the Bassett & Washburn office force, is spending her vacation in Wisconsin. Miss Harper has returned from a delightful visit in the Badger state and is again on duty at the store. Miss Ruth Wattman is the latest addition to the office force, and everyone is pleased to see her back in the wholesale market. C. L. Washburn and O. P. Bassett and wives made a trip to Aurora August 24, where Mr. Bassett is interested in a large printing plant.

Wietor Bros. are cutting a nice supply of roses each day and the stock is cleaning up in grand shape at good summer prices. Everything is in splendid condition at the greenhouses, and if business is at all good this fall this firm will have no complaint to make, for they will have plenty of stock to fill all their orders with. Gus Alles has returned from his vacation and is again on the job at the store.

At John Kruchten Co.'s store everything appears to be going along nicely and both Miss Greely and William Jacobs are now on the job, which means that this firm will make a strong effort to secure more business this fall. Mr. Jacobs is also representing the Illinois Pipe & Manufacturing Co., of this city, and can be found at the Kruchten store every Saturday hereafter.

Poehlmann Bros. Co. are cutting a good supply of fine roses in all the leading varieties, but the stock is cleaning up well each day, according to Otto W. Frese, who is kept busy writing orders nearly all day. Walter Stokloss has returned from a pleasant visit in Canada, stopping off at St. Paul and Minneapolis, Minn., and Milwaukee, Wis., on his way back.

Felix Reichling reports a brisk demand for Ophelia roses at Peter Reinberg's store, which are now in good supply and are being grown in large quantities at the greenhouses. Chrysanthemums have been cleaning up nicely each day at good prices, notwithstanding the fact that the supply of Golden Glow is steadily increasing.

E. C. Amling and family are spending their vacation touring the surrounding country in their auto. Max Awizzus, of the E. C. Amling Co., and Henry Wehrmann and families have returned from a delightful automobile trip in Wisconsin, where they spent their vacation.

Percy Jones is certainly handling a large supply of greens, especially ferns, and reports a brisk demand for same. This firm has had a good summer's business and evidently expects trade to continue to be good, for several salesmen have been added to the store force recently.

Miss Cornelia Ryan and Leonard Koehler stole a march on their many friends when they were quietly married one day this week. They are well known to the local trade, for they have both been in the employ of Kyle & Foerster for some time.

Hoerber Bros. are giving their wholesale store a new coat of white paint. Fred Hoerber is well pleased with the stock that his firm is cutting now, for the quality of the roses is magnificent and the foliage is as clean as a whistle.

Large Cuts--Supreme Quality Russell Roses

All the leading Chicago retail florists are using them in their best work. Try a sample shipment today.

Our *Milady*, *Ward* and *Killarney Brilliant* are also exceptionally fine. This stock will make your customers buy.

Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Ed. Winterson received a postal from Fritz Bahr and party, who write that they are having the time of their lives in California, which is not at all surprising when one knows that he has Anton Then for a companion.

Alex Newitt, with Stuppy Floral Co., St. Joseph, Mo., and son, Alex., Jr., returned home August 24 after visiting friends and relatives here for nearly a week.

Morton Grove is booming. Poehlmann Bros. Co. is increasing their plant and Vaughan's Seed Store is building a new warehouse, 60x208 feet.

South Park commissioners expect to complete the first block of new driveway to connect Grant and Jackson parks by the end of the year.

Miss Nettie Parker, of A. T. Pyfer & Co., writes that Miss Martha Gunterberg and herself are having a delightful time in California.

Frank Evert has the sympathy of the trade in the loss of his young son, August, whose death occurred Saturday, August 21.

Kennicott Bros. Co. have a new entrance to their establishment which greatly improves the appearance of the place.

A. L. Vaughan & Co. are handling a new crop of fancy American Beauty roses in the longer stemmed grades.

The Chicago Florists' Club will meet at the Bismarck Hotel, Thursday, September 9, at 8 p. m.

Joseph Ziska & Sons report a busy week in both the supply and wire departments.

Visitors: Ed. Kalisch, with Kalisch Bros. Floral Co., St. Louis, Mo.; Alpha Elberfeld, of the Alpha Floral Co., and wife, Kansas City, Mo.; A. E. Turner and R. E. Dodge, Mosinee, Wis.

Minneapolis, Minn.

BUSINESS IS VERY GOOD.

Business during the past week has been very good, and diversified in variety. The opening of the new building of the Minneapolis Athletic Club created a demand for basket and bouquet work, and the orders were quite evenly divided among the local florists. Practically all of the large palms in the Twin Cities were used in the deco-

ration. Funeral orders have been coming in well and there has been a good demand for cut flowers for social functions and weddings. Roses are a little more plentiful, but carnations are over. Asters, gladioli, sweet peas, cosmos, Shasta daisies and cornflowers furnish the bulk of the stock in the market at present.

NOTES.

H. Rosacker and wife have invited the members of the local florists' club to attend a field day and picnic at their new plant on Stinson boulevard, August 25. Baseball and other sports will be part of the programme.

B. F. Siebrecht of Winona, Minn., has leased a large store on the main street of Aberdeen, S. D., and will open a flower shop in that city about September 1.

Thomas Lynes, Central avenue florist, was called to New York by the death of his brother, James, who was connected with Peter Henderson & Co. of that city.

E. G. Lemke, of Grand Forks, stopped off on his way back from Chicago, where he attended the shooting meet, with a score of 91 dead ones.

J. A. Rovatzos, proprietor of the New York Flower Store, has opened a department for flowers in the Emporium department store in St. Paul.

Gust Malmquist will build a small greenhouse for John Bell at Wayzata and will take charge of the same and look after the grounds.

Frank Stepherson, with Rice Bros., has bought a farm at Turtle Lake, Wis., and is leaving to till the soil.

H. R. Rine, of Humboldt, Ia., is in the city looking for help for his ranges in that city and Forest City.

J. W. Galloway, of Galloway Bros.-Bowman Co., Waterloo, Ia., is here on a seed buying trip.

H. E. Philpott, of the United States and Canada, will stay over and take in the picnic.

Lawrence Mathes of Fargo, N. D., and E. Farley are going to Chicago on a visit. T. C. R.

LAWRENCE, MASS.—A. H. Waagland is erecting a greenhouse at his range, Broadway and Whitman streets.

BEAUTIES

Large supply of the kind you need at right prices.

**Roses--Asters--Lilies--Orchids
Carnations-Gladioli-Valley-Etc.**

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES:

Central 2571
2572
Auto. 48-734

Chicago

JOSEPH ZISKA & SONS

WHOLESALE FLORISTS' SUPPLIES AND MANUFACTURERS OF WIRE DESIGNS

This is The House to Buy From. Let Us Prove It.

151-153 N. Wabash Ave.,

CHICAGO.

Cleveland.

PRICES LOW BUT SALES LARGE.

Roses are again in good supply, color and size improving daily, particularly Ophelia, Sunburst, Shawyer and Russell being good stock. American Beauties are good and the demand up to expectations. A large amount of funeral work helped to move considerable stock, and while prices are low, sales average high. Offerings this week include dahlias, gladioli, asters, Easter lilies, Jap lilies, heather, larkspurs, summer lilac, achillea, phlox, hardy hydrangeas, gaillardias and lily of the valley. Greens of all kinds are plentiful.

NOTES.

Burglars entered the stores of the James Eadie Co. and the Cleveland Florists' Exchange on the night of August 16. In both cases entrance was made through transoms over rear doors in dark alleys. At the Eadie Co.'s store, a suit of clothes and some stamps was the extent of the loss, the crooks being unsuccessful in an attempt to force the safe. After being rifled the Cleveland Florists' Exchange establishment looked as if it had been visited by a cyclone. Office desks, both upstairs and downstairs, were emptied and contents strewn over the floors, but nothing of value was secured. The Cleveland Cut Flower Co.'s store was entered in much the same manner a week previous and a small amount of cash taken, and the McCallum Co.'s premises have been entered three times in as many months and money taken. Police have failed to locate the thieves.

A card from F. C. Witthuhn, who is visiting the Panama-Pacific exposition at San Francisco, reports that he is having a splendid time there, and had a delightful trip to the coast, with stop-overs at Chattanooga, New Or-

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

leans, El Paso, Galveston, Los Angeles and San Diego. He will return via Portland, Ore., Seattle, Victoria, Vancouver and Winnipeg.

The rooms of the East Tech high school were beautifully decorated August 18 with hundreds of splendid plants, shrubs and cut flowers, representing the work of the summer greenhouse class, which closed its first year on that date. About 600 boys and girls took the course.

A number of cases of southern smilax were used in decorating the booths at the Randall fair this week. This was the first smilax from the south this season.

Steve Berthold of the Cleveland Plant & Flower Co. is touring the state in his new Ford. Columbus and Dayton will be main stop-over places.

Frank Dill, of the Smith & Fetters Co., and Tim Smith, wife and family, have returned from a vacation at Turkey Foot lake.

The Gasser Co.'s new building is being rushed so as to be ready for occupancy about October 1.

Visitors: Harry Balsley, of Detroit Flower Pot Mfg., Detroit, Mich., and Steve Green, representing H. Bayersdorfer & Co., Philadelphia, Pa.

C. F. B.

Anything and everything that the market affords in Cut Flowers and Greens.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF

CUT FLOWERS

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Columbus, O.

AUGUST BUSINESS BELOW AVERAGE.

There is practically nothing doing in the local florist trade, aside from funeral work, and that has been rather slow for the past ten days. Gladioli, from reaching a stage of congestion, where they almost had to be given away, show some shading off on supply, but prices are still low. They are advertised in show windows at 50 cents a dozen, but some choice stock is bringing 75 cents and \$1. Everybody planted about the same time. Better returns are expected of the second crop, as the good flower-buyers will have returned home from summer vacations by the time it reaches the market. The present August has proved to be one of the quietest for several seasons, owing mostly to the great abundance of outdoor flowers. Planting of carnations is going forward on a large scale. Florists are generally hopeful of a good fall and winter trade. Dull times have held back any notable additions to greenhouse space.

NOTES.

In the horticultural department exhibit of the Ohio State Fair, to be held in Columbus the last two days of August and the first two days of September, premiums are offered professional growers as follows: Decorative and flowering plants, 15 first premiums ranging from \$5 to \$20, same second premiums, \$3 to \$12; cut flowers and floral designs, 12 first premiums, \$5 to \$25; same, second premiums, \$5 to \$15. A special contest is on the finest decorated dining table, first premium \$80, second \$60, third \$40, fourth \$25. For a display of cut flowers of not less than 25 varieties, of six each, shown in vases, premiums are offered of \$25, \$15 and \$10.

The Columbus Market Gardeners' Association will hold its annual picnic at Heimindale grove, a few miles south of town, August 25. Some 35 prizes, contributed by local business houses, are to be contested for in athletics. The Livingston Seed Company heads the list with a cash prize of \$15, and also furnishes a badge for each person attending. T. J. Ludwig and F. Viereck, florists, offer, respectively, a Boston fern and a Bohemian vase. The committee of arrangements for the picnic are Peter Fornof, Otto Gall and Frank Held.

The Munk Floral Company, which makes a specialty of growing roses, will have this year the first important crop of Ophelias ever produced here. Some of the early cuttings now on display at their retail store give evidence of fine results with this experiment. They are also showing some beautiful advance cuttings of Sunburst and other fall roses of their own growing.

E. A. Munk, in charge of the green-

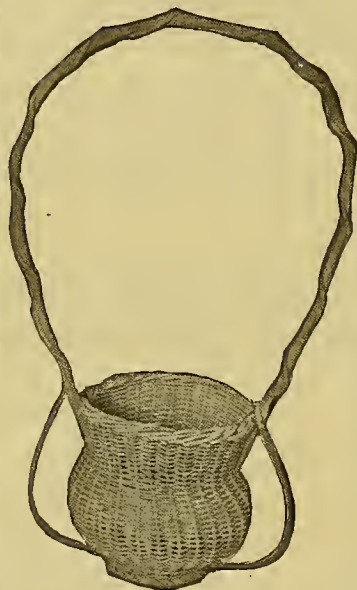
BASKET BARGAIN

ASSORTMENT

25

Small Cut Flower Baskets Including Liners

\$7.50



This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Raedolph Streets and get off at Huron Street. Cars stop right in front of our store.

houses of the Munk Floral Company, in which four members of the family are interested, has been incapacitated for the past five weeks by rheumatism, and is not expected to be able to resume his duties for some time.

C. C. J.

St. Louis.

WEATHER INFLUENCES MARKET.

Weather conditions during the past week greatly influenced the market. Last Friday we had one of the worst storms of the week, growers in the county being deprived of both railroad and street car service. Roses are soft and the substance is lacking even in American Beauty roses. The stormy weather ruined the outdoor carnations.

NOTES.

Wm. C. Smith and wife have returned from their vacation in the Ozarks. Billy looks fine and says he is busy getting ready for fall work. His partner, Will Ossick, will take his vacation later.

F. X. Gorly is always on the job and finds time to visit the market daily, notwithstanding the fact that he is taking the place of V. J. Gorly during his absence.

The county growers have requested the wholesalers to report and argue the question of Sunday closing with them at their next meeting.

George H. Angermueller is always in line when it comes to supplies and is now busy getting ready for the fall trade.

C. A. Kuehn, who is a cardinal rooster, still has faith in the ability of the cardinals to win the flag.

Marion Uhlschmidt, manager of Grimm & Gorly, is busy redecorating and beautifying the store.

The park department has been busy gathering up fallen trees, etc., from the recent storm.

H. G. Berning has some A-1 asters. The demand, however, in everything is slow.

Ostertag Bros. have a fine show of Boston ferns and other decorative plants.

Alex. Siegel, from all reports, is having a good time.

W. F.

OYSTER BAY, N. Y.—The Oyster Bay Horticultural Society is making plans for a flower show to be held in October.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Randolph 6269.

CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.

Wholesale **CUT FLOWERS**
Growers of

All telegraph and telephone orders given
prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone: Randolph 6784

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Oklahoma City,

The weather this summer has been cool, and it has rained almost continuously with the result that all outdoor stock has made a wonderful growth. There has been a noted improvement in business within the last few days, caused chiefly by numerous calls for funeral flowers.

NOTES.

Chrysanthemums have appeared on the market. We saw some nice blooms of the variety Golden Glow at the store of Furrow & Co. one day this week.

C. J. Bickes is spending a few days in Dallas, Tex.

Visitors: T. L. Metcalf, of Hopkinsville, Ky.; G. Cohen, representing Wertheimer Bros., New York.

S. S. B.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$3 00
" " 36-in.....	2 50
" " 30-in.....	2 00
" " 24 in.....	1 50
" " 20-in.....	1 00
" " 15-in.....	75
" " 12-in.....	50
" Mrs. Chas. Ruasel.....	1 00@ 2 50
" " Hoosier Beauty.....	4 00@15 00
" " Killarney Brilliant.....	3 00@10 00
" " Killarney.....	2 00@10 00
" " White Killarney.....	2 00@10 00
" " Richmond.....	3 00@10 00
" " Prince de Bulgarie.....	2 00@10 00
" " Rbes Reid.....	2 00@10 00
" " My Maryland.....	2 00@10 00
" " Mrs. Geo. Sawyer.....	3 00@10 00
" " Mildady.....	3 00@10 00
" " Sunburat.....	3 00@10 00
" " Mrs. Aaron Ward.....	2 00@10 00
" " Hadley.....	3 00@10 00
" " Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Cattleyas....per doz.,	4 00@ 6 00
Gardenias....per doz.,	3 00@ 4 00
Chrysanthemums.....per doz.,	\$2.00 to \$3.00
Gladioli.....	2 00@ 8 00
Lilium Harrlaii.....	10 00@12 50
Sweet Peas.....	75@ 1 50
Valley.....	3 00@ 4 00
Adiantum Crowesnum.....	1 00@ 1 50
Ferns.....	1 50@2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosa Strings, each,	60@ 75
Smilx.....per doz.,	2 00@2 50
Sprengerii, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Mention the American Florist when writing

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

The Retail Florists' Co.

Suite 510, 56 E. Randolph St.,
CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.



Mention the American Florist when writing

FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED				
100	1000	100	1000	100	1000	100	1000			
Mrs. C. W. Ward.....	\$7.00	\$60.00	Windsor.....	\$7.00	\$60.00	Matchless.....	\$9.00	\$80.00		
R. P. Enchantress.....	6.00	55.00	Peerless.....	8.00	70.00	Enchantress.....	8.00	70.00		
L. P. Enchantress.....	6.00	55.00	Gorgeous.....	7.00	60.00	Perfection.....	7.00	60.00		
Enchantress supreme	8.00	75.00	Philadelphia.....	7.00	65.00	White Wonder.....	7.00	60.00		
Dorothy Gordon.....	7.00	60.00				Alma Ward.....	7.00	60.00		
								Champion.....	\$3.00	\$70.00
								Beacon.....	7.50	65.00
								Victory.....	7.00	60.00
								Comfort.....	7.00	60.00
								Commodore.....	7.00	60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD STOCK IN LIMITED SUPPLY.

Business very quiet, with good flowers scarce. A few growers here and there appear to have some roses to cut, but most of them are grooming their plants for the struggle of the coming season. The summer American Beauties are very good for the season and have the field to themselves when anything choice is wanted. Asters are plentiful; about one-third are good or high grade and the balance medium or poor. While lily of the valley is scarce, there appears enough for the demand. Gladioli have shortened up somewhat. Dahlias are making their appearance, and there should be a record crop of this flower. Last season they were a failure on account of the dry weather; they have made a very strong growth this year and should flower profusely.

NOTES.

Herman Zimmer took a trip to Montgomery county to the W. Atlee Burpee Co.'s seed farm August 16 to see the new gladioli. He had as companions Charles Hartley of snapdragon fame, Rupert Keinle and Robert Kift. The party had a royal time at Fordhook. The gladioli, asters, early chrysanthemums, zinnias and other cut flowers were particularly interesting. Mr. Kerr, the manager, although a busy man, found time to show the visitors around. He is especially proud of the new early flowering gladioli that blossom the first year from seed. A pleasant half hour was spent with Mr. Burpee in his sanctum. On the return trip a stop was made at Chalfont to inspect the plant of the Chalfont Carnation Co., owned by Samuel Lilley and Max Helberg. This is an up-to-date plant of two houses, each 35x250 feet. They were busy planting carnations and finished that week. The varieties are Enchantress, white and pink, Pink Ward and Beacon. The stock looked fine, having made a splendid growth in the field. Max Helberg is a practical grower, a graduate of Harry Weiss & Sons, the noted Haboro, Pa., growers. Samuel Lilley handles all the stock through his commission house in this city. This combination should work out well and would seem to be ideal.

In his recent automobile trip with his family, Edward Reid visited Niagara Falls, Buffalo and Rochester in New York, Cleveland and other Ohio cities, returning by way of Pittsburgh. Leaving Pittsburgh at 8 a. m. he made a record run home, reaching his garage at 11 p. m. the same night. At least three hours were spent visiting the trade along the route and inspecting the Gettysburg battlefield. His car is a "Cadillac Eight." He made the entire trip without a puncture or trouble of any kind.

While the trade exhibits at the late San Francisco meeting were lacking in quantity, this city kept up her reputation as being much the largest exhibitor. H. Bayersdorfer & Co., the M. Rice Co. and the S. S. Pennock-Meehan Co. making fine exhibits. The Bayersdorfer display, considering the distance from the home office, was very large and varied.

Asters of splendid quality and assortment, together with high grade gladioli are the features of the Berger

Wholesale Flower Markets

BOSTON, Aug. 25.

	Per 100
Roses, Beauty.....	2 00@25 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@5 00
" Double White Killarney.....	1 00@6 00
" Killarney Brilliant.....	1 00@8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@8 00
" Tait.....	1 00@8 00
" My Maryland.....	1 00@6 00
" Ward and Hillingdon.....	50@5 00
Cattleyas.....	25 00@35 00
Lily of the Valley.....	3 00@4 00
Sweet Peas.....	50@1 00
Carnations.....	50@1 00
select.....	1 50@2 00

BUFFALO, Aug. 25.

	Per 100
Roses, Beauty, special.....	20 00@25 00
" " fancy.....	15 00@20 00
" " extra.....	10 00@12 00
" " No. 1.....	6 00@10 00
" " No. 2.....	2 00@3 00
" Killarney.....	3 00@6 00
" White Killarney.....	3 00@7 00
" My Maryland.....	3 00@6 00
" Killarney Queen.....	3 00@4 00
" Richmond.....	3 00@6 00
" Sunburst.....	3 00@6 00
" Ward.....	3 00@5 00
" Tait.....	3 00@6 00
Lily of the Valley.....	4 00
Lilies.....	5 00@8 00
Cattleyas.....	40 00@50 00
Carnations.....	1 00@1 50
Daisies.....	40@50
Snapdragons.....	1 00@2 00
Gig. Lilies.....	5 00@10 00
Peas (outdoor).....	hunch, 5c@10c
Gladioli.....	1 00@2 00
Asters.....	40@1 50
Asparagus Sprengeri.....	35@50
Ferns.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Aug. 25.

	Per 100
Roses, Beauty.....	per doz., \$0.75@\$3.00
" Killarney.....	1 00@6 00
" My Maryland.....	1 00@6 00
" Richmond.....	1 00@6 00
" Tait.....	1 00@6 00
Lily of the Valley.....	3 00@4 00
Lilium Gigantum.....	4 00@8 00
Asparagus Plumosus, per bunch, 25c	
Orchids, per doz.....	3 00
Gladiolus.....	1 00@3 00
Snapdragons.....	2 00@3 00

St. Louis, Aug. 25.

	Per 100
Roses, Beauty, medium.....	8 00@15 00
" " short stems.....	4 00@6 00
" Killarney.....	2 00@5 00
" White Killarney.....	2 00@4 00
" Aaron Ward.....	2 00@4 00
" Sunburst.....	2 00@5 00
" Ophelia.....	3 00@5 00
" Radiance.....	2 00@5 00
Valley.....	3 00@4 00
Carnations.....	3 00@4 00
Orchids.....	35 00@50 00
Asparagus Sprengeri, per bunch, 25@50	
Asparagus Plumosus, per bunch, 25@60	
Hartail.....	6 00
Sweet Peas.....	20@40
Gladioli.....	2 00@3 00
Ferns.....	per 1000, 1 50

Brothers' market. Special lily of the valley is also a head liner. Local summer American Beauty roses, Easter lilies and choice asters in great variety are features at this time with the Leo Niessen Co.

K.

ANDOVER, MASS.—The second annual exhibition to be held under the auspices of the Andover Florists' and Gardeners' Club will be held September 10-11.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.

McCALLUM CO.
Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
118-118 Seventh St., Pittsburgh, Pa.

Pittsburgh.

USUAL AUGUST DULLNESS PREVAILS.

In reviewing the past week there is not much of anything meritorious to speak of regarding the flower market, as business still lulls away in the true August fashion. August is considered the worst month of the year for business in Pittsburgh, so very little could be expected at this time. The market does not have much to offer in the variety of flowers, and asters are foremost as selling factors. The late crops of these flowers are now arriving and as a rule are of splendid quality. The supply of gladioli has shortened up, and they have not been nearly so plentiful as they were throughout the earlier part of the summer. A good grade of carnations can still be had,

LILIIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00

C. S. & CO
NEW YORK

1000 Pips, \$15.00
2500 " 35.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc.,

90-92 West Broadway,

NEW YORK

New York.

To drop into the vernacular of the sailor-men, business is "wallowing in the trough of the sea," with the usual pains and penalties of dogdays, particularly mosquitoes, much in evidence. It may be a little hotter in August at Houston, Texas, than it is here, but if mosquitoes are more plentiful there than they have been here this summer, it will be a sad place to hold a convention. Otherwise, we congratulate our southern friends for their enterprise and its success. There is an abundance of stock on the market to supply all demands. Roses are not over-plentiful, but there are enough. There is a larger supply of asters and many good blooms. In some localities the recent storm beat down the crops, and in trying to get up again to the light, many stems of the crook-necked squash style of growth were produced, which hurts the sale of otherwise good stock. We have noted, however, that in funeral work, asters are being almost exclusively used. While there is good stock of gladioli on the market, much that is now arriving has the appearance of culls and had about as well have been left in the field. Orchids continue scarce. There is an average supply of lilies and lily of the valley.

August 23.—There is an increased supply of roses and they move very slowly. A great stock of asters is yet arriving and as they sell cheap they seem to have the preference, wherever they can be used. Orchids continue scarce and bring a good price. There is little change in lilies and lily of the valley. Some very fair dahlias are now on the market. There are more gladioli than can be used.

GLADIOLUS SHOW.

The gladiolus show in the Museum building, Bronx park, August 21-22, was well attended and brought out a good lot of stock. The largest number of first prizes went to T. A. Havemeyer, Glen Head, N. Y. (A. Labodny, Gr.) and Adrian Iselin, New Rochelle, N. Y., (Jos. Tierney, Gr.) also made a good showing. Mrs. F. A. Constable, Mamaroneck, N. Y., was awarded first prize for the best six varieties, six spikes of each. In the competition for the best table center piece, P. W. Popp was first and James Stuart, second. Julius Roehrs Co., Rutherford, N. J., captured a special prize with a collection of perennials, including phloxes, cannas and other flowers. Bobbink & Atkins, Rutherford, N. J., also received a special prize for a collection of delphiniums. They also made an excellent display of hibiscus in red, white and pink. A certificate of merit was awarded to Wm. A. Finger, Hicksville, N. Y., for collection of seedling dahlias.

PLANT GROWERS' ASS'N OUTING.

The New York and New Jersey Association of Plantgrowers will hold its annual outing at Valley Grove, Northport, L. I., Tuesday, September 7. The steamer "Commander," has been specially chartered and will leave the Battery landing at 9:30 a. m. and after a three hour sail, dinner will be waiting on arrival at the grove. There will be plenty of good eats, drinks and smokes on board, with good music and dancing, and fine bathing. Tickets are \$5 per person, including everything. Please inform the secretary, Wm. H. Siebrecht, Jr., Queen's Place Court,

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Long Island City, N. Y., how many tickets you require in order that arrangements may be fully completed. The committee guarantees a good time and your money's worth.

NOTES.

Mrs. William A. Phillips, wife of William A. Phillips, who is associated with his father, John V. Phillips, in the retail business in Brooklyn, recently met with a serious accident near Upton lake, Dutchess county, where she has been spending the summer. She was motoring, accompanied by her children and a sister, when the machine turned over. Mrs. Phillips was the most seriously injured and was removed to Vassar hospital, Poughkeepsie. Her sister was badly bruised, but was able to go home. The children were unhurt. We are glad to learn that Mrs. Phillips is improving.

Miss Adelaide Foster Peck, secretary to Alexander McConnell, Fifth avenue and 49th street, was married to Richard Batten, Jr., at St. Nicholas (Dutch Reformed) church, August 9. Rev. Dr. Mabon officiated. Under the direction of Mr. McConnell the church was beautifully decorated. The happy couple are spending their honeymoon on the Pacific coast. It is pleasing to Mr. McConnell, who says he is getting to be an "old fellow," though he does not look it, to hear from time to time of his former employes, for they all hold him in kindly remembrance.

At G. E. M. Stump's, August 21, 30 designs and a casket cover were made up for one funeral. John Einsel, buyer for this store, is on a two weeks' vacation in the Green Mountains of Vermont. In the store, as in the wholesale district, everybody misses John. William Spohn, the bookkeeper, is at his summer home, East Rockaway. S. Fukura, the clever Jap, who has been at the Southampton store part of the summer, is again at the New York store.

George Blake of Bonnet & Blake, Brooklyn, is back on the job after six weeks spent in Rochester. Buffalo and other up-state points. His father is a resident of Rochester. Christian Bonnet of this firm is with his family in the Adirondacks and will probably remain there until October 1.

Frank L. Derry, who for a number of years has been associated with the Galvin stores in Boston, has assumed the management of the New York store, Fifth avenue and 47th street. He is not only an all-around florist, but likewise a clever and amiable gentleman.

The trade of this city seems well pleased over the news of the re-election of John Young as secretary of the Society of American Florists. Without prejudice toward others who may aspire to the office, we consider Mr. Young an efficient secretary.

Leo M. Frank was buried, August 20, in the family lot of the Frank family in Mt. Carmel cemetery, Brooklyn, and the grave was covered with



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

Mention the American Florist when writing

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Mention the American Florist when writing

wreaths and clusters of smilax, lily of the valley, orchids and roses.

Rita Frank, 22-months-old daughter of Frank Frank of M. Frank & Sons, retailers of 1561 Third avenue, died August 23, after a short illness. The bereaved parents have the sympathy of many friends.

William Kessler and wife of 113 West 28th street, have returned from a pleasant vacation spent at a Sullivan county resort, and we are glad to see them well and happy.

Ferdinand Fleischman has gone to Canada on a fishing trip. Ben Warendorff says that as a humane proposition, the fish should be warned.

Though this is the dull season, S. Masur of Fulton street, Brooklyn, says he has no reason to complain, as there is always something to do.

The sympathy of the trade goes out to William Hanft, designer and decorator for Young & Nugent, whose wife died August 20.

James Conlon, the Smith street, Brooklyn, retailer, has recently been quite busy with funeral work.

The irrepressible Wm. H. Kuebler, and brothers, Brooklyn florists, are always busy.

A. F. F.

OFFICIAL
S. A. F.

Shipping Labels

FOR CUT FLOWERS: In two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

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All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

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NEW YORK CITY

Telephone: 3864 Madison Square.

Ft. Wayne, Ind.

TRADE GOOD CONSIDERING SEASON.

Funeral work during the past week has held up well and has helped materially in moving quantities of stock. Roses and lilies were in good demand, while large quantities of Gladiolus America and Hydrangea paniculata were used to advantage. In addition to the call for funeral designs there is a small demand for flowers for hospitals and summer parties. American Beauty roses are in good demand and August weddings have created a call for lily of the valley and white roses. Asters are in heavy supply, notwithstanding the recent heavy rains. Prices hold up fairly well considering the great surplus of stock. Many of the local greenhouses are cutting from their young rose stock and the carnation stock looks very promising for fall.

NOTES.

At the Williams-Randall wedding, August 21, bonnets filled with Sunburst roses and tied with Sunburst ribbon were arranged for the bridesmaids. An arm bouquet of lily of the valley with clusters of white orchids was carried by the bride. These were furnished by the Flick Floral Co. The decorations for the wedding at the Randall homestead were carried out by the Bradley Floral Co., effective outdoor flowers such as hydrangeas, gladioli and small flowers being used in profusion.

At the greenhouse of W. J. & M. S. Vesey, the force is busy housing the young stock. The carnation stock will be doubled this year. The principal varieties of roses they are cutting at present are Sunburst, Ophelia and Shawyer. In the orchid houses, cattleyas and labiatas are coming on nicely and will be ready to cut in September.
H. K.

TACOMA, WASH.—This city has planted more flowers and its lawns and gardens are more resplendent with bloom this year than at any time in its history.

SPRING LAKE, N. J.—Many handsome prizes were awarded at the Spring Lake annual flower show, which was held in the Italian gardens of the Essex and Sussex hotel, August 15. More than 1,500 persons attended and were much interested in the exhibits, which included about 70 varieties of flowers, fruits and vegetables.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 606 and 609 Madison Square

CONSIGNMENTS SOLICITED

Wholesale Flower Markets

	NEW YORK, Aug. 25.	Per 100
Roses, Beauty, special.....	10 00@	15 00
" " extra and fancy.....	6 00@	8 00
" " No. 1 and No. 2.....	3 00@	4 00
" Alice Stanley.....	1 00@	5 00
" Prince d'Arenberg, special.....	4 00@	5 00
" Francis Scott Key, special.....	4 00@	6 00
" Mrs. Geo. Shawyer, special.....	4 00@	5 00
" " extra.....	3 00@	4 00
" " No. 1 & No. 2.....	1 00@	3 00
" White Killarney, special.....	6 00	
" Killarney, My Maryland.....	4 00@	5 00
" " special.....	1 00@	2 00
" " No. 1 and No. 2.....	1 00@	2 00
" " Queen.....	1 00@	5 00
" " Brilliant.....	1 00@	5 00
" Aaren Ward.....	1 00@	5 00
" Richmond.....	1 00@	4 00
" Sunburst.....	1 00@	5 00
" Taft.....	1 00@	5 00
" Milady.....	1 00@	4 00
" J. L. Mock.....	1 00@	6 00
" Hadley.....	1 00@	8 00
" Ophelia.....	1 00@	5 00
" Mrs. Chas. Russell.....	1 00@	6 00
" Hoosier Beauty.....	1 00@	6 00
Cattleya Orchids, special.....	60 00@	75 00
" inferior grade.....	25 00@	35 00
Lilies, Longiflorum and Harrisii.....	2 50@	3 00
Lily of the Valley.....	1 00@	3 00
Asters.....	25@	1 00
Dahlias.....	1 00@	1 25
Adiantum Croweanum and		
Hybridum.....	50@	75
Aparagus Plumosus.....doz. hchs.	1 50@	2 50
Smilax.....doz. strings.	50	
Gladiolus.....per doz.	10c@	15c

United Cut Flower Co., Inc.

WHOLESALE

111 W. 28th St., New York City

NOW IS THE TIME

To Shlp Your Consignments
GEORGE J. POLYKRANAS, Manager.

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Guttman & Raynor, Inc.

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Wholesale Florists.

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Phone 896 and 897 Madison Square.

20 Years' Experience.

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Telephones: 798 and 799 Madison Square.

Orchids, Roses, Carnations and all the other
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Consignments solicited.

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WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses,
Violets, Carnations, Valley, Lilies, Etc.

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Telephones: 2200 and 2201 Madison Square.

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WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

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Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales
at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for
Florist Trade at Wholesale.

Telephones: Madison Square 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the
market can always be relied upon.

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WHOLESALE
FLORISTS

A. Young & Co.

54 WEST 28th St., NEW YORK
Consignments Solicited

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Cincinnati.

MARKET MORE ACTIVE.

The market is apparently firmer than at the last writing, but the gross business for the week is not any larger than that of the preceding week. The supply is more than ample for present needs. Shipping business is active. The supply of roses has increased greatly during the past week, and shows also a marked improvement. Some excellent American Beauties, Ophelia, Radiance and Taft may be had. A strong cut of asters is coming in and is larger than the sales require. Gladioli are still plentiful and are of good quality. Easter lilies have become scarce. Other offerings include carnations and rubrum lilies. The supply of greens is easily sufficient for present needs.

NOTES.

Chas. Miller, of Covington, had several ribs and an arm fractured, and also suffered other injuries when hit by an auto last week.

Mrs. Garges and Miss Garges are spending the current two weeks on a visit to relatives in Chicago.

C. E. Critchell has been having a fine lot of roses.

New Orleans.

CLUB MEETING.

The regular meeting of the New Orleans Horticultural Society was held Thursday, August 19, at 8 p. m., H. Scheuermann, presiding, and J. Bollwinkle, vice-president, and C. R. Panter, secretary, at their respective stations. Minutes of previous meeting were read and adopted. The finance committee reported their approval of the report of the secretary and the correctness of the books of the treasurer and secretary. The secretary made a supplemental and final report of the past flower show, which was adopted.

It was decided that at the next meeting the question of giving a spring show would be decided and the secretary was instructed to notify all the members to be present and vote on same. A. Von Damerau was elected to membership. There being no further business the meeting then adjourned.

NOTES.

A. Verlinde sold to H. Kraak and M. Scheinuck one house of Roosevelt ferns. He also has a fine stock of ficus on hand. Mr. Verlinde is in the wholesale business only.

P. A. Chopin, who is a very large grower of Easter lilies, Creole variety, started planting this week on his farm. C. R. P.

Holyoke and Northampton Florists' Club.

The annual picnic of the above club was held at Smith's Ferry Wednesday, August 18. Mobilization began at 10 a. m. and by dinner time, counting old and young, male and female, some 75 persons sat down to a generous lunch. Captain Gallivan brought a wheelbarrow load of corn from his farm, which Quartermaster Rackliffe cooked to a nicety. J. Brunner, the well known paste board box drummer, was going past on a trolley car when he spied the water melons, and jumped off and joined the bunch, and after dinner he came near sending the baseball over Commodore Sinclair's mammoth greenhouse and down his skyscraper chimney. There was something doing all the time. The baseball game was between the single and married men, the single men winning, but when it came to the tug of war they weren't in it against such men as Corporal Strugnell, who tips the scale well on toward the 200-pound mark. Then there were races for the single men, for the married men, for the sweethearts and wives, and for the little tots. Every one had a good time and has felt younger ever since. E. J. C.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

20x 4x3, Teles. Cov.....	\$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3 1/4, 2-in. Cov.....	2 25
30x 5x3 1/4 " "	2 50
21x 8x4 " "	2 65
24x 8x4 " "	2 90
28x 8x4 " "	3 25
28x 8x5 " "	3 75
36x 8x5, Teles. Cov.....	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope.....	7 50
36x12x6, Telescope.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co. 1302-1308 W. Division St., CHICAGO

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

1333 W. 35th St., CHICAGO, ILL.

Providence, R. I.

Business the past week has been very quiet. All stock is a drug on the local market, especially asters and gladioli, which are coming in too fast for the trade to use them. Sweet peas are starting to come in again and are getting better every day. Several of the greenhouses have chrysanthemums in fine shape and almost ready to bloom.

NOTES.

The Florists' and Gardeners' Club held their annual outing August 18 and it was well attended. The party sailed down the bay, had a shore dinner at Rocky Point, and then cruised around Prudence Island and back to the city, arriving at 8 p. m. Every one voted that they had a good time.

Miss Florence Willard of the Hope Greenhouses has a small bench of Golden Glow that will bloom in about a week, and will be very good size.

H. A. T.

Oyster Bay, N. Y.

At the second annual outing and field day of the Horticultural Association of Oyster Bay at Sagamore Inn, August 18, the members and their families joined with the Nassau County Horticultural Society. Shore dinner was served. The afternoon was spent in athletic contests and games. Among those present were John Sorosick, James Duthie, John Ingram, William Eccles, William O'Keefe, Frank Kyle, Joseph Robinson, Harry Gibson, Edward Groebel, Arthur Patton, James Duckham, Joseph Marmaron, Frank Oliver, John King.

T.

PHILADELPHIA, PA.—Alterations are being made to the Unity Flower Shop, 4413 Frankford avenue.

SIOUX CITY, IA.—Several new greenhouses will be erected at the range of the J. C. Rennison Co. this fall. The improvements will cost about \$15,000.

PALOS PARK, ILL.—The Palos Improvement Club will hold its eleventh annual exhibition, September 11. Awards will be made for flowers, fruits and vegetables.

ST. PAUL, MINN.—Holm & Olson, florists, have offered a handsome silver cup to be awarded for the best floral display by private growers at the Ramsey county fair, August 26-28.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING. Write us for our sample folders, cuts and slides for advertising:

- Mothers' Day
- Spring Planting
- Memorial Day
- Social Occasions
- Fall Planting
- Fall Announcement
- Thanksgiving
- Christmas
- St. Valentine's Day
- Easter

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business. Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns. We are the largest concern in the world specializing in advertising plans for RETAIL FLORISTS. Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists. Write us for Booklet M.

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- Fancy Ferns..... per 1000, \$1 25
 - Dagger Ferns..... per 1000, 1 00
 - Natural Moss..... per bag, 1 75
 - Perpetuated Moss..... per bag, 3 50

E. A. BEAVEN, Evergreen, Ala.

LYRATA \$2.50 Per Case

- Fancy Ferns..... \$1 25 per 1000
- Dagger Ferns..... 1 00 per 1000
- Natural Moss..... 1 75 per Bag
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Established in 1857.



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Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
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Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyles, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
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Galvin, Thos. F., Inc., New York.
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Graham, A. & Son, Cleveland, O.
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Hardesty & Co., Cincinnati, O.
Heil & Soc, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
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Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
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Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
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Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palmer, W. J. & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Plkes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochil, San Francisco.
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Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
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Rye, George, Ft. Smith, Ark.
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Schlaga, Max, 22 W. 59th St., New York.
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Smith & Fetters, Cleveland, O.
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Smith, Heary, Grand Rapids, Mich.
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- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Witthold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—The J. M. Gasser Co.
- Cleveland, O.—Smith & Fetters.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthewa the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begeraw's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—Myer, Florist, 609 Madison Ave.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Svoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Foss Bragg Co.
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- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
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- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Heul & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto, Can.—Dunlop's, 60 Yonge St.
- Toronto, Can.—Simmons & Son.
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Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape.....	25	2 00	15 00
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Mme. de Vernerville. Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies.....	25	2 50	16 00
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Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best out flower sorts; early.....	25	2 00	12 00

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Koh-i-noor. Shell pink, very free, splendid cut flower. Midseason.....	30	3 00	20 00
Lady Leonora Bramwell. Large, rose-colored, very free, splendid cut flower.....	30	3 00	20 00
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RED AND CRIMSON

Andre Laurils. Very large, very compact globular rose-type. Dark Tyrian-rose shading deeper in center. Medium tall. One of the best late varieties.....	30	3 00	20 00
Augustin de Hour. Large, bomb-shaped flower, dark brilliant solferino-red with slight silvery reflex. Medium tall, very free. Midseason. Very fine.....	45	5 00	40 00
Delachei. Deep rich purple, crimson reflex. Late and free blooming.....	30	3 00	20 00
Felix Crousse. One of the best red sorts, large double ball-shaped flowers. Free bloomer.....	35	4 00	30 00
Louis van Houtte. Deep carmine-rose, tipped silver, with very reflex. Semi-rose type. Fragrant. Late.....	25	2 50	18 00
Madam Lebon. Brilliant cerise with silvery reflex. Large flower; late.....	35	3 60	25 00
Marechal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety.....	40	4 00	30 00
M. Paul du Ribert. Deep crimson-rose, fine bomb-shaped flower, medium high, free bloomer. Late.....	40	4 00	30 00
Officialis Rubra Plena. This is the old-fashioned red; the most brilliant of all reds..	20	1 80	12 00

We have a large stock of fine varieties other than those listed here.

Write for price list.

German Iris We have large stocks of 10 standard sorts, and can make specially low prices on quantities.

VAUGHAN'S SEED STORE, CHICAGO, NEW YORK

For the Best New and Standard DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

—Write— GEO. A. KUHL,

PEKIN, ILL.,

For Prices and List of

MUMS, ROSES, FERNS, BEGONIAS and General Stock

Wholesale Grower to the Trade.

Mention the American Florist when writing

GERANIUMS

Summer Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt..... \$1 00 per 1000
Ricard and Poitevine..... 12 50

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

SIoux CITY reports field corn three weeks late.

VISITED CHICAGO: Julius Nielsen, representing Hjalmar Hartmann & Co., Copenhagen, Denmark.

ALL canna plants are late this season. Cold nights and continuous rain have retarded them as they have the corn crop.

ANNOUNCEMENT is made of the marriage of Helen Dudley Breck and S. F. Willard, Jr., at Wethersfield, Conn., September 11.

ONION SETS at Chicago have changed in the last week, if anything for the worse. It rained at least three days the past week.

SAGINAW, MICH.—A. T. Ferrell and family plan to visit the Panama-Pacific exposition early in November, going via the northern route.

THE death of James W. Lynes, for 11 years connected with Peter Henderson & Co., New York, is recorded in our obituary column this week.

NEW YORK.—Arthur L. Deal, representing W. W. Johnson & Son, Ltd., is now at the Hotel Imperial, making his annual journey in America.

THERE has been considerable damage to beans in Michigan from blight and anthracnose. There is no doubt that some of the wax beans will be short another season.

MILWAUKEE, WIS.—A seed and grain show will be held in this city in January, under the auspices of the Wisconsin Bankers' Association and the Chamber of Commerce.

VAUGHAN'S SEED STORE has commenced operations on the erection of an onion set storage house on the Morton Grove switch. Room will be provided for a few cars of miscellaneous storage.

PRIVATE information from Erfurt, Germany, indicates that the flower seed plantings of last spring are only one-third of the planting in former seasons. These crops are, however, fairly well taken care of by the help of women and children.

HARRY A. BARNARD, representing Stuart Low Co., Enfield, Middlesex, Eng., sailed from Liverpool for the United States on the S. S. St. Louis, August 21. His address while calling on the trade in this country will be Hotel Albert, University place, New York.

CHICAGO.—Prices for grass seed on the Board of Trade August 25 were as follows: Timothy, \$5.50 to \$7.00 per 100 pounds.—Albert H. Smith, treasurer of the Leonard Seed Co., is spending his vacation in Alaska.—It is reported on country stocks of timothy sold for September delivery, some 75 cars will be late, due to rainy weather.

VISITED CALIFORNIA: H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia., and F. B. King, of Mandeville, King & Co., Rochester, N. Y., visited the seed farms of the Pieters-Wheeler Seed Co., Gilroy, in the company of Lester L. Morse, August 21.

Imports.

During the week ending August 21, imports were received at New York as follows:

Maltus & Ware, 70 cases bulbs (Rotterdam, Holland), 7 packages spawn (London, Eng.).

I. P. Roosa, 28 cases bulbs (Rotterdam, Holland). 4 bags flower seeds (Bristol, Eng.).

B. S. Barnes, 3 cases bulbs (Rotterdam, Holland).

H. Langeler, 15 cases bulbs (Rotterdam, Holland).

E. W. Outerbridge, 1 crate bulbs (Bermuda).

Weeber & Don, 3 cases spawn (London, Eng.).

To order, 1,004 barrels clover seed (Havre, France).

The steamer Venezelos, from Marseilles, France, which entered at the port of New York, August 21, brought large consignments of bulbs as will be noted from the following list:

International Forwarding Co., 282 cases bulbs.

Baner Foreign Frt. Co., 18 cases bulbs.

J. W. Hampton & Co., 515 cases bulbs.

Vaughan's Seed Store, 583 cases bulbs.



A. T. FERRELL'S NEW HOME, SAGINAW, MICH.

F. B. Vandergrift & Co., 1 case palm leaves (Bermuda). 1 case bulbs (Bermuda).

MacNiff Horticultural Co., 89 cases bulbs (Rotterdam, Holland).

J. W. Hampton, Jr., & Co., 5 cases bulbs (Rotterdam, Holland).

Vaughan's Seed Store, 35 bags vegetable manure (Hull, Eng.).

Hermann's Seed Store, 61 cases bulbs (Rotterdam, Holland).

American Express Co., 1950 packages seeds (Havre, France).

Stumpp & Walter Co., 2 cases bulbs (Rotterdam, Holland).

Mullen, Schall & Co., 215 barrels seeds (Havre, France).

R. F. Feist, 100 barrels clover seeds (Havre, France).

A. Baldwin & Co., 9 cases bulbs (Rotterdam, Holland).

P. C. Kuyper & Co., 88 cases bulbs (Rotterdam, Holland).

Lunham & Moore, 43 cases plants (Rotterdam, Holland).

H. H. Berger & Co., 14 cases bulbs (Rotterdam, Holland).

Dingee, Conard & Co., 4 packages bulbs (Bermuda).

Wells, Fargo & Co., 10 packages bulbs (Bermuda).

Amer. Shipping Co., 40 cases bulbs.

H. F. Michell Co., 370 cases bulbs.

Sheldon & Co., 1,152 cases bulbs.

Vandegrift & Co., 108 cases bulbs.

Hempstead & Co., 527 cases bulbs.

American Exp. Co., 900 cases bulbs.

P. Henderson & Co., 103 cases bulbs.

C. C. Pollworth Co., 56 cases bulbs.

W. Lazellere & Co., 107 cases bulbs.

P. C. Kuyper & Co., 648 cases bulbs.

Davies, Turner & Co., 73 cases bulbs.

A. Rolker & Sons, 66 cases bulbs.

J. W. Wood & Sons, 44 cases bulbs.

J. Reckard Sons, 12 cases bulbs.

Lunham & Moore, 506 cases bulbs.

H. H. Berger & Co., 24 cases bulbs.

Maltus & Ware, 1,437 cases bulbs.

Henry & Lee, 226 cases bulbs.

C. F. Meyer, 375 cases bulbs.

G. H. Kobb, 122 cases bulbs.

Allister, 12 cases bulbs.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Company

COLD STORAGE
VALLEY
 Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100.
 Florists' Money Maker, best Valley at moderate prices. \$14.00 for 1000; \$7.50 for 500. \$4.00 for 250.
H. N. BRUNS
 3032 Madison Street, CHICAGO

97th Year
J. BOLGIANO & SON,
 Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes
 Growers of Pedigree Tomato Seeds Baltimore, Md.

Waldo Rohnert
 GILROY, CAL.
 Wholesale Seed Grower.
 Specialties: Lettuce, Onion, Sweet Pea, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Henry Fish Seed Co.
 Bean Growers for the
 Wholesale Seed Trade
 CARPINTERIA, CALIF.

Western Seed & Irrigation Co.
 Wholesale Seed Growers and Dealers
 SPECIALTIES:
 Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
 FREMONT, : NEBRASKA

L. Giganteums,
 8 9 in., 8-10 in., 9-10 in.
 Also Bamboo Stakes, green and natural, differ-ot sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
 Woolworth Bldg., New York City

ROUTZAHN SEED CO.
 Arroyo Grande, Calif.
 Sweet Pea and Nasturtium Specialists.
 Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
 Mention the American Florist when writing

S. M. Isbell & Co.,
 Jackson, Mich.
CONTRACT SEED GROWERS,
 Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
 Correspondence solicited.

Flower Seeds for Present Sowing
PANSY—Barnard's Florists' Mixture
 For Size of Bloom and Rich Colors, Excelled by None
 Trade Pkt., 25c; 1/8 oz., \$1.00; 1/2 oz., \$3.50; oz., 7.00.
GIANT MIXTURE—Trade Pkt., 20c; 1/8 oz., 50c; oz., \$4.00.
CALCEOLARIA, Hybrida Grandiflora..... Trade Pkt., 50c
CINERARIA, Hybrida Grandiflora..... Trade Pkt., 50c
PRIMULA, Sinensis Fimbriata, choice varieties, in separate colors and mixed. Tr. Pkt., 50c
SEEDS OF HARDY PERENNIALS, Very complete assortment.
 10 per cent off for cash on orders for flower seeds.
THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
 231-235 W. Madison Street,

Holland Grown Seeds
 We are growers of Garden Beets, Mangels, Sugar Beets, Cabbage, Cauliflower, Celeriac, Chicory, Cornsalad, Cress, Endive, Kale, Kohlrabi, Leek, Musard Parsley, Parsnip, Radish, Spinach, Turnip, Rutabaga, and a general line of Flower Seeds, and solicit inquiries from the trade for both this fall's delivery and for next year's growing.
 Regular sailings from our country to the United States and Canada.
SLUIS BROTHERS, Wholesale Seed Growers
 ENKHUIZEN, HOLLAND
 Cable Address: SEMEN, Enkhuizen.

Simon Louis Freres & Co.
 SEED GROWERS
 Bruyeres=le=Chatel, Seine et Oise, France
 We are sellers for immediate delivery of Asparagus, Broad Beans, Beets, Brocco'ls, Brussels Sprouts, Cabbage, Carrots, Cauliflowers, Celery, Chicory, Dandelion, Leeks, Lettuce, Mangel, Onion, Parsley, Parsnip, Radish, Vegetable Marrow, Swiss, Turnip, Sweecs, Grass Seeds, Clover Seed.
 We are buyers of Poa-pratensis, Timothy. Meadow Fescue, Herd Grass.

Lilium Formosum
 (Black Stem)
 7 to 9, 250 to case.....\$15.50 per case
 9 to 10, 180 to case..... 17.00 per case
COLD STORAGE LILIES
 Giganteum, 9-10, 200 to case.....\$17.00
 Giganteum, 7-9, 200 to case..... 15.00
ST. LOUIS SEED CO.
 The Home of "Pure and Sure Seeds"
 411-413 Washington Ave., ST. LOUIS, MO.
 Write for our Fall Trade Catalogue.

BURPEE'S SEEDS
 Philadelphia
 Wholesale Price List for Florists and Market Gardeners

MANN'S
Lily of the Valley
 are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to
OTTO MANN, Leipzig, Saxony, Germany

— MY —
Winter Orchid
Sweet Peas
 Has just received the
Gold Medal of Honor
 the highest award in floriculture, by the Panama-Pacific Exposition.
 Write for price list, which has been already mailed.
ANT. C. ZVOLANEK
 Lompoc, Calif.

Mention the American Florist when writing
THE G. HERBERT COY SEED CO.
 VALLEY, Douglas County, NEB.
 CONTRACT GROWERS OF
HIGH GRADE SEEDS
 Cucumber, Muskmelon Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.
 Mention the American Florist when writing

ALL French Bulbs Here--Dutch Afloat.



Paper White Grandiflora

Per 1000
 Fancy (1250 bulbs to case).....\$ 9.00
 Star Brand (1000 bulbs to case)..... 11.00
 Precocious, Vaughan's Extra Early Grandiflora
 Select Bulbs, 13 cms. and up 9.00
 Mammoth Bulbs, 14 cms. and up 12.00

White Roman Hyacinths

11-12 cms. (2500 to case).....\$21.00
 12-15 cms. "whole crop," about 1800 to case..... 27.00

Lilium Formosum (New Crop)

7-9 inch (250 bulbs to case).....per 1000, \$60.00
 9-10 inch (180 bulbs to case).....per 1000, 80.00

Lilium Harrisii

Best Bermuda Stock. From rogued fields.

Per case
 6-7 inch (335 to case)\$16.50
 7-9 inch (200 bulbs to case)..... 15.00

Freesias

Per 1000
 French, 1/2-3/4 inch\$ 8.00
 " 3/4 inch and up..... 10.00
 Purity, 3/8-1/2 inch..... 10.00

Cold Storage Lilies

SPECIAL PRICES to "clean up." Per case
 Giganteum, 7-9 inch (300 bulbs to case) \$15.00
 " 9-10 inch (200 bulbs to case) 16.50
 Formosum, 8-9 inch (225 bulbs to case) 14.00

Callas

Per 1000
 1 1/4-1 1/2 inch.....\$ 50.00
 1 1/2-2 inch..... 80.00
 2-2 1/2 inch..... 100.00

VAUGHAN'S SEED STORE, Chicago and New York

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
 Vine Seed and Field Corn.
 Correspondence Solicited.

George R. Pedrick & Son,
 PEDRICKTOWN, N. J.

James Vick's Sons

Seedsman, Nurserymen, Florists
 ROCHESTER, NEW YORK
 Let us supply your wants in Fall Bulbs

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
 SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
 Cucumber, Cantaloupe and Watermelon Seed and
 Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
 Solicited. SWEDSBORO, N. J.

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
 Kelway's Celebrated
 English Strains

can get them at lowest independent wholesale
 rates by sending their orders direct to

KELWAY & SON
 Wholesale Seed Growers

Langport, Somerset, England.
 Special quotations on application.

Mention the American Florist when writing

Benary's

Seeds for Florists

Complete New Stock.
 Send for List.

Aabling-Ebright Seed Co.
 89 Pike St., Seattle, Wash.

Mention the American Florist when writing

OUR wholesale price list, for the
 trade only, of

High Class Bulbs

for forcing and for outdoor plant-
 ing is now ready for distribution.

Drop us a postal for your
 copy—it contains informa-
 tion of interest and value.

J. M. THORBURN & CO.
 53 Barclay St., through to 54 Park Place
 NEW YORK

Mention the American Florist when writing

BRUNNINGS

Leading Suppliers of
EUCALYPTUS
 and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Many Retail Florists Benefit

BY WITTBOLD SALES CO-OPERATION

Why Shouldn't You?

Very few Florists realize the vast business building power of good advertising done at the right time.

Wittbold's successful experience proves this statement

And now Wittbold is helping his customers by expert advertising and sales co-operation.

SPECIAL



Seventy-five cent
Whitmani Ferns
Only 35c each

EACH Whitmani Fern in this lot is a fine, healthy specimen, well established in a 5-inch pot. Its foliage is especially luxuriant and beautiful.

SECURE one of these choice plants for your home now—when you can buy it for less than half what it is really worth.

Telephone your order today

YOUR NAME
in this space

These Whitmani Ferns

described in this attractive retail ad will cost you only 20c each, f. o. b. Chicago, which is 20% less than the regular wholesale price. Allowing 10% for freight and selling these Ferns at 35 cents each.

Your Profit will be
over 50%

☐ An electrotype of this ad will be furnished to you free if your order is for 25 or more of these Ferns.

This is another of those bargains that will help you build business quick through advertising. Don't let the department store beat you at your own game.

What You Buy From Wittbold, Wittbold Will Help You Sell At A Good Profit

Scores of Florists took advantage of our recent Sales-Co-operating offer on 8-inch Boston Ferns.

The same Florists and many others will take advantage of this offer. Why shouldn't you?

MAKE UP YOUR ORDER TODAY AND WIRE, PHONE OR MAIL IT TO

THE GEO. WITTBOLD CO.

L. D. PHONE, GRACELAND 1112

739 Buckingham Place,

CHICAGO

Winter Flowering Sweet Peas Spencer Types

Our expert California seed growers have spent much time "rogueing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

Novelty Yarrawa

The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long, stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., 1/4 oz., 50c.

Selma Swenson

A beautiful clear light soft pink waved petals, strong grower and good forcer, originated by Mr. August Swenson and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; 1/4 oz., \$2.50.

Rose Queen

A Christmas flower, rose pink Spencer, a popular Indianapolis novelty. Our seed grown and saved from originator's stock. Oz., \$10.00; 1/4 oz., \$2.50.



	Oz.	1/2 oz.	1/4 oz. Tr. pkt.		Oz.	1/2 oz.	1/4 oz. Tr. pkt.
Anita Wehrman. Clear lavender.....	\$8.00	\$4.00	\$2.00	Orchid Beauty. Dark rose, blushed			
Mrs. A. A. Skaach. Bright shell pink	1.75		.50	with orange.....	\$2.00		\$0.50
Mrs. J. Manda. Light shell pink.....	2.00		.50	Pres. Woodrow Wilson. Magenta			
Mrs. Woodrow Wilson. Apple-				rose	2.00		.50
blossom pink.....	2.00		.50	Rose Queen. Rose pink	10.00	\$5.00	2.50
Pink and White	1.50		.50	Venus White, pink wings	2.00		.50

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz., 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., **Chicago**

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,
Branches Michigan, Wiscconsin and Idaho
MILFORD, CONN.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdsdale Farm. **Bristol, Pa.**

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company
440 S. Dearborn St., CHICAGO

PRIMROSES

Forbesi, Malacoides, Obconica Alba Rosea,
Ruby, \$2.00 per 100.
Obconica Gigantea, \$2.50 per 100.
Plumosus, \$2.00 per 100.
Pansy Seed, Giant Flowering, oz., \$4.00.
Chinese Primroses, \$2.00 per 100.
Cineraria Hyb. Grand., 2 1/2 inch pot, \$2 00 per 100.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

Mention the American Florist when writing

THE J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing



Giant Pansy Seed

Keilworth Mixture
Keilworth Cut Flower Mixture
Giant Three and Five Biotched
Masterpiece, curled, wavy
Giant Parisians
Giant Bronze Mixture
Giant Red
Giant Light Blue
Giant Dark Blue
Giant Zebra
Giant McKioley
Giant Adonis
Giant Psyche
Giant Mme. Perret
1000 seeds 25c; 5000, \$1.60
1/4 oz., \$1.25; oz., \$5.00

Princess (new upright Pansy)
500 seeds, 25c; 1000 seeds,
50c; oz., \$10.00

CHAS. FROST
Keilworth
N. J.

FERNS IN FLATS

ALL VARIETIES

We ship by express during July and August, stock ready for 2 1/2-in. pots in flats of about 110 clumps, which can be divided.

Price, \$2.00 per flat
20 or more flats, \$1.75 each.
Packing included.

Order now while we have full list of varieties to select from.

Write for illustrated folder.

McHutchison & Co.
17 Murray Street, NEW YORK

Mention the American Florist when writing

DREER'S ARAUCARIAS



Only partial imports of Araucarias were received from Belgium the past spring, not sufficient to cover the usual season's requirements, and even if shipments should come through this fall (which at present does not appear likely) newly imported stock would not be available for this season's sales as it takes fully three months for this stock to become established and be fit to sell after its trip across the Atlantic.

We are pleased to state that we have a splendid stock, not sufficient to last the season out, but we offer as long as the stock lasts exceptional values as below.

Araucaria Excelsa				Each.
4-inch pots,	5 to 6 inches high,	2 tiers	.....	\$0 30
5 " "	8 " 10 " "	3 " "	.....	40
5 " "	10 " 12 " "	3 " "	.....	60
6 " "	12 " 15 " "	3 to 4 " "	.....	75
6 " "	16 to 18 " "	4 " "	.....	1 00
7 " "	18 to 20 " "	4 to 5 " "	.....	1 25
Araucaria Excelsa Glauca				
6-inch pots,	8 inches high,	2 tiers	.....	0 75
7 " "	12 to 14 " "	3 to 4 tiers	.....	1 25
Araucaria Robusta Compacta				
6-inch pots,	10 to 12 inches high,	2 tiers	.....	1 00
6 " "	12 to 14 " "	3 " "	.....	1 25
7 " "	14 to 16 " "	3 " "	.....	1 50

For a complete line of Palms, Decorative Plants and all Seasonable Stock see our current Wholesale List.

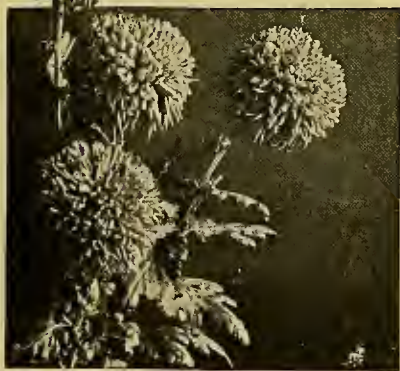
HENRY A. DREER

714 and 716 Chestnut Street
PHILADELPHIA, PA.

The above prices are intended for the trade only.

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.
Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Mention the American Florist when writing

300,000 Field-Grown Carnation Plants

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
Pink Enchantress	\$4.50	\$40.00	Mrs. C. W. Ward	\$3.50	\$30.00
Rose Pink Enchantress, -	4.00	35.00	Philadelphia.....	5 00	40.00
White Perfection	4.00	35.00	Zoe Symonds.....	3.50	30.00
			Washington.....	6.00	50.00

—Order Today—

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

L. D. Phone Central 2846

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ROCHESTER, N. Y.—George Philander Davis, one of the pioneer nurserymen of this city, died here August 8.

MADISON, WIS.—The nurseries in this state growing trees, shrubs and plants for sale will be inspected for disease and insects, by the state entomologist with the new department of agriculture just created by the legislature.

FROM a summary of reports received from over 100 members of the Illinois State Horticultural Society, it is estimated that taking the state as a whole the 1915 apple crop will be from five to seven times as great as last year.

MERIDEN, CONN.—The Nettleton Nursery, Fruit & Orchard Developing Company has incorporated, for the purpose of developing, working and operating farms, orchards, nurseries, etc. The capital stock authorized is \$50,000, divided into 2,000 shares of common stock, par value \$100. The amount of capital stock with which the corporation will begin business is \$1,000. The incorporators are Joseph N. Nettleton, Berkeley C. Stone and John G. Nettleton.

Chinese Pear May Save State Millions.

The state horticultural commission of California has announced that experiments conducted in Oroville, in that state, to propagate the blight-resisting Chinese wild pear, have been successful. B. B. Whitney, a deputy inspector, has conducted the experiments and the Chinese imports growing at his place are large and thrifty. It is believed that by budding Bartlett pears upon the blight-resisting stock of the Chinese pears, pear blight can be eliminated and millions of dollars saved the state.

Nursery Stock in Mails Ordered Returned.

All nursery stock received in the mails from abroad must be returned to the point of origin immediately, according to a recent order. This action was taken for the reason that importers have endeavored to withhold the return of such shipments until they could communicate with the department of agriculture with a view of having an exception made in some particular case.

Nursery stock, which is prohibited from entering this country by mail, includes all growing or living plants, seeds, and other plant products, for propagation, except field, vegetable, and flower seeds. It includes also bulbs, roots, and tubers, and, with the exceptions noted, the seeds of all trees, shrubs or other plants. The only plants or plant products excepted from the prohibition are those ordered by or intended for and addressed to the Office of Foreign Seed and Plant Introduction, United States Department of Agriculture, Washington, D. C.—Agri. Dept. news-letter.

Wire Fencing and Trees.

In running wire fences it may be necessary or desirable to attach the wires to trees along the fence lines. In many regions old fence rows have grown up naturally to trees; in others, windbreaks have been planted between fields, making tree lines to which wire fencing may be attached without the labor and expense of setting posts.

In attaching wires to trees, however, it is bad practice to fasten them directly to the trees, according to a news-letter of the United States department of agriculture, for when this is done the wire will be grown over and embedded within the tree itself. This has a number of disadvantages. Not only do the wounds mar the appearance of the tree, but they also afford entrance for diseases which cause decay. In the second place, if the tree is ever cut for lumber either the best part of the trunk has to be thrown out and wasted, or else, if the wires and staples are deeply embedded, the tree may be sawed into without any knowledge on the part of the sawmill men that the wires are there. The results are likely to be disastrous to the saw, and may even endanger human life. Further, it is impossible after the wire is grown over to move the fence without cutting the wire or chopping deep into the tree.

A better way, and one that protects both the tree and the fence, is to nail to the tree a strip of wood from 4 to 6 inches wide and an inch or more thick and of a length to suit the height of the fence. The wires can then be stapled to this strip. As the tree grows the strip is forced out and the tree is not injured. The strip can be nailed tighter from time to time, the wire fence always remaining stapled to it. If there is occasion to move the fence or cut the tree, the strip can be pried off without any difficulty.

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Top growth alone is not a safe criterion of the value of a rose to you. True, you must have vigorous and healthy branch and leaf development in order to ensure a solid foundation for the subsequent life of the tree. But these things are often procured in highly fed soils where the formation of root fibre is retarded or negated. When you get such trees into your forcing or flowering beds, there is a long wait before the roots become acclimatized, so to speak. This is simply due to the fact that the necessary equipment of feeding fibres, which enable the trees to go straight on with their work, after being transplanted, does not exist. Abundance of root fibre was not necessary in the period of forced growth, in heavy over-fed soil consequently nature did not provide it. The result is a fat, lazy tree, of actually less value to you than a starveling.

What you want is a tree that has had more or less of a struggle for existence; that has had to work for its living. A prize-fighting-boxer sort of tree that is trained up to the last ounce. Such trees can be grown only under suitable conditions. They are grown by the million on Bees' 200 acre farm in North Wales, Eng. Bees' nursery is part of a huge plain situated on the banks of the River Dee, within hail, almost of Chester, on the one hand, and Mt. Snowdon on the other. The land is actually reclaimed silt, deposited by the Dee during past ages, and is swept from end to end by the bitter gales from the Atlantic Ocean.

See how splendidly these two factors combine to produce the ideal rose tree. First, there is the naturally rich, humus-laden, silt soil. It is in a finely divided condition, and encourages—makes necessary—the formation of multitudinous root fibres. Neither light nor heavy, and neither too wet, nor too dry, it is the ideal rooting medium. Then the climate, the most searching and severe in the British Isles, comes into play. Every effort at exuberant growth is keenly contested. The tree has veritably to fight for its life. Wind, cyclonic in violence, almost tears the trees up by the roots; but the result is a more thorough and firm anchorage of fibrous roots. Alternating climatic conditions of Arctic severity or delusive mildness, compact the plant tissues to iron wood hardness. The result at lifting time is a short-jointed, stocky tree, with a perfect mat of fibrous roots, which grows and blooms with almost magical luxuriance when transplanted to milder quarters.

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12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.....			\$10.00
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Phoenix Roebelenii			
			Each
7-in. tub, 18 in. high, 24 in. spread.....			\$2.00

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	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
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	Leaves	In. high	Each Per doz.
9-in. cedar tub.....	6 to 7.....	42 to 45.....	\$1.00 \$48.00
9 in. cedar tub.....	6 to 7.....	45 to 48, very heavy.....	5.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00
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Prices of Indoor Fruits and Vegetables.

Chicago, August 24.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 40 to 50 cents; radishes, \$1.25 to \$2.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; tomatoes, 4 baskets, 35 to 60 cents.

New York, August 24.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, 25 cents to \$1.00 per basket; mushrooms, \$1.00 to \$2.00 per 4-pound basket; tomatoes, 10 cents to 15 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 50 cents to \$1.25; rhubarb, per 100 bunches, 75 cents to \$1.25.

Choosing the Fall Crop.

The most serious problem before the grower at this time is what to plant for a fall crop. There is no use denying the fact that growers have got into a rut by producing heavy crops of lettuce in the fall months when demand as a rule is slow. There is only one way to get out of the rut, and that is to get out, either by curtailing operations or by the production of something else. Personally, we could never subscribe to the first remedy; hence, we must write about the second plan—produce something else. Any number of business men have to face the same thing sooner or later, as conditions are constantly changing, and what may have been a bonanza 10 years ago may not pay today. The very fact that we must meet the future should encourage us to cast about for other crops to take the place of leaf lettuce, at least for part of the year. We believe there is a great future for the vegetable forcing business if growers gradually enlarge their operations by producing a greater variety of products. Of course, this cannot be done on a large scale at once. On the one hand, there are few operators thoroughly posted on the different lines, and the markets are unprepared. But a start must be made at anything, and continued effort will bring results. At present we are living under very peculiar conditions—the average citizen loves to wail about the high cost of living—by that he generally means the cost of food, and he spares no pains to make a dollar go as far as he can, while, on the other hand, that same citizen spends money lavishly on motor cars, gasoline, theaters, travel, musical instruments, etc. But a turn will come some day, when our citizen will realize that after all, the biggest thing is nutrition, and he will consider more carefully the food he eats, which incidentally means he will be glad to pay a better price.

As regards crops to grow, the field is not as limited as it appears. Only a few years ago both cucumbers and tomatoes under glass were practically unknown, and now they are already staple crops. We recently visited a grower who tried one house each of

lima beans and cantaloupes. He is on the right road and while his first attempt failed with the limas, his melons were extra fine. He allowed the limas to run at will, which was wrong. He should have headed them in and cut to spurs same as the melons, which would have spelled success. He will do better next time. When one realizes the enormous prices people are willing to pay for fresh green limas after the first hard frost has cleaned up the outside crops, it does seem that this would be a good subject to introduce into the greenhouses. They will stand low temperatures and dark weather surprisingly well, once the beans have set, hence, the crop could be put under way with the natural heat of the early fall and then held cool waiting for the market. The same is true of string beans. Kentucky Wonder, or some strains of it should make a desirable crop for late fall use under glass. Among the smaller vegetables, any or all of the following can be used: Norfolk spinach, Crosby Egyptian beet, Scarlet Globe radish, Icicle radish, Long Brightest Scarlet radish, winter onion, chives, parsley, leek, endive, cauliflower, White Vienna kohlrabi, (a favorite forcer in Europe) and short carrots. Any of these crops in small lots would be preferable to unsalable leaf lettuce—in fact, we would prefer a crop of Golden Bantam sweet corn somewhere around Thanksgiving day, to leaf lettuce.

There is another side to this problem—the disease troubles. Nothing induces diseases to get a hold more than the attempts to hold crops long after they are mature, as in the case of lettuce, when the market is glutted. If we could move our crops faster and practice some rotation, diseases would be easier to control. MARKETMAN.

Farmers Tired of College Advice.

Agricultural colleges and the country schools throughout the nation, the "bulwark of American progress," were condemned as failing to meet the needs of the rural population of the country at the final meeting of the farmers-bankers' conference at the Hotel La Salle, Chicago, recently. William Hirth, editor of the Missouri Farmer, criticised present methods of agricultural education, suggesting a complete change from the present system of "free advice thrust upon the farmer as to how to run his business by technical professors from colleges and boys and girls holding teachers' diplomas in the country schools."

"Farmers are tired and irritated by the flood of advice thrust upon them as to how to run their business," said Editor Hirth. "Agricultural schools, as a rule, have reached the end of their

rope. Half of the people discredit their teachings. We cannot rely upon the bulletins or technical lectures from technical professors. They are talking to empty benches. Our rural schools are not handled right; they do not give the right kind of instruction that advances the boy and girl of the farm."

Mushrooms

HOW TO GROW THEM

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We have this season a fine lot of young thrifty plants to offer (the best we ever had), strong plants from 2½-inch pots ready for 4-inch, at \$18.00 per 100; \$150.00 per 1000; extra heavy plants in 4-inch pots ready for 6-inch, at \$40.00 per 100; these will make fine specimens for the Christmas Trade.

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- Asparagus Plumosus, 2-in., \$2.50 per 100.
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Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

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Araucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Poehlmann Bros. Co., Morton Grove, Ill.

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ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$75 per 1,000. Sprenger, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$65 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; 4-inch, \$6 and 10c. C. HUMFELD, Clay Center, Kans.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus, 2 1/2-inch, \$3 per 100; \$28 per 1,000; 3-inch, \$6 per 100; \$55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. A. Henderson & Co., 369 River St., Chicago.

BEGONIAS.

BEGONIA LORRAINE.
Per 100 Per 1000
2 1/2-inch.....\$12.00 4-inch.....\$35.00
3 -inch.....20.00 5-inch.....50.00

BEGONIA GLORY OF CINCINNATI.
Per 100 Per 1000
2 1/2-inch.....\$15.00 3 1/2-inch.....\$30.00
3 -inch.....25.00 4 1/2-inch.....40.00

JULIUS ROEHR'S CO., Rutherford, N. J.

Begonia Chatelaine, 4-inch pots, \$15 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

BEGONIA CINCINNATI, 2 1/2-inch, \$15 per 100; 3-inch, \$25 per 100. Florence Daveport, 2 1/2-inch, \$15 per 100. BEGONIA MELIOR, 2 1/2-inch, \$25 per 100. CHATELAINE, 2 1/2-inch, \$5 per 100; 4-inch, \$15 per 100. EFFORDII, PRIMA DONNA, TRIUMPH, 2 1/2-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia De Chatelaine, Pfitzer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and pink, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Cincinnati, 2 1/2-inch, \$17.50 per 100; \$150 per 1,000; Begonia Lorraine, 3-inch, \$20 per 100; 4-inch, \$25 per 100. S. S. Skidelsky, & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Begonia Glory of Cincinnati, 2 1/2-inch pots, ready for 4-inch, \$18 per 100; \$150 per 1,000; 4-inch, ready for 6-inch, \$40 per 100. J. A. Peterson & Sons, Cincinnati, O.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy, uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.
BUSH SHAPE—14-in. balled, 40c each; 16-in., balled, 45c each.

THE D. HILL NURSERY CO., Inc., BOX 404, DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Paper White Grandiflora, fancy, 1,250 to case, \$9 per 1,000; Star Brand, 1,000 to case, \$11 per 1,000; Precocions, Vaughan's Extra Early Grandiflora, Select, 13 cms. and up, \$9 per 1,000; Mammoth, 14 cms. and up, \$12 per 1,000. White Roman hyacinths, 11-12 cms., 2,500 to case, \$21 per 1,000; 12-15 cms., 1,800 to case, \$27 per 1,000. Lillium Formosum, new crop, 7-9 inch, 250 to case, \$60 per 1,000; 9-10-inch, 180 to case, \$80 per 1,000. Lillium Harrisii, best Bermuda stock, from rogued fields, 6-7-inch, 335 to case, \$16.50 per case; 7-9-inch, 200 to case, \$15 per case. Callas, 1 1/2 to 2-inch, \$50 per 1,000; 1 1/2 to 2-inch, \$80 per 1,000; 2 to 2 1/2-inch, \$100 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lillium Harrisii, 6 to 7-inch bulbs, 350 to case, \$15 per case; 7 to 9-inch, 200 to case, \$15 per case. Cold Storage Giganteum, 7 to 9-inch, 300 to case, \$15 per case; 9 to 10-inch, 200 to case, \$17 per case. F. R. Pierson, Tarrytown, New York.

DUTCH AND FRENCH BULBS. We have now ready for distribution price list of bulbs we will have on hand in our St. Louis warehouse during the 1915 fall season. Write us for a copy of this list. LECHNER BROS., WEBSTER GROVE, MO., Agents for The Growers' Association, Anna Paulowna, Holland.

Bulbs, Lillium Formosum, 7-9, 250 to case, \$15.50 per case; 9-10, 180 to case, \$17 per case. Cold Storage Lilies: Giganteum, 9-10, 200 to case, \$17; 7-9, 300 to case, \$15. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

BULBS.

BIG DROP IN BULBS. Send for special prices. Darwin tulips, single and double tulips, hyacinths, narcissus. Plant Darwin tulips this year outdoor for Memorial. Melrose Bulb Importing Co., Melrose, Mass.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 333-337 Ellicott St., Buffalo, N. Y.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

CANNAS, good varieties, strong plants in 4-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

400,000 FIELD-GROWN CARNATION PLANTS. LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT. GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

WHITE WONDER	Per 1,000
WHITE PERFECTION	\$60.00
WHITE ENCHANTRESS	50.00
PINK ENCHANTRESS	50.00
BEACON	50.00
COMFORT	55.00
PHILADELPHIA	70.00

500 AT 1,000 RATE.
PITTSBURGH CUT FLOWER COMPANY.
FRED BURKI, Pres. T. P. LANGHANS, Sec.
W. A. CLARKE, Treasurer.
THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES.
CARNATION SPECIALISTS.

WHOLESALE GROWERS.
116-118 SEVENTH ST., PITTSBURGH, PA.
YOURS FOR THE ASKING—A BEAUTIFUL PICTURE—"ACRES OF GLASS."

FIELD-GROWN CARNATION PLANTS.	
	100 1,000
Enchantress Supreme	\$6.00 \$50.00
Champion	6.00 50.00
Philadelphia	6.00 50.00
Beacon	6.00 50.00
White Perfection	6.00 50.00
White Wonder	6.00 50.00
Enchantress	6.00 50.00
Mrs. C. W. Ward	6.00 50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

George Peters & Sons, Hempstead, New York

FIELD-GROWN CARNATION PLANTS. NOW READY.

	Per 100	Per 1,000
White Wonder	\$5.00	\$45.00
Enchantress	5.00	45.00
Philadelphia	5.00	45.00
Suzanne	5.00	45.00
Harloward	5.00	45.00

These are in fine condition and sure to please.
ELI CROSS, GRAND RAPIDS, MICH.

25,000 FINE FIELD-GROWN CARNATION PLANTS.

	100	1,000
White Wonder	\$6.00	\$50.00
Enchantress	6.00	50.00

SINNER BROS., 155 North Wabash Ave., Chicago.

FIELD CARNATION PLANTS.
White Wonder, first-class plants, \$6.00 per 100
White Enchantress, first-class plants, 5.00 per 100
No orders for less than 100 plants accepted.
Bassett & Washburn, Chicago, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS. Fine, clean, healthy stock, which leading florists everywhere recognize as the best obtainable.

Table listing carnation varieties like Washington, White Enchantress, and Philadelphia with prices per 100 and per 1,000.

WICTOR BROS., Wholesale Florists, Chicago, Ill.

CARNATIONS FOR SALE.

Table listing carnations for sale like Philadelphia, Rose Pink, and Beacon with prices per 100 and per 1,000.

Cash, please.

JOHN BLECHSCHMID, 4300 East 122d St., CLEVELAND, OHIO.

CARNATIONS.

Table listing carnations like Pink Enchantress, White Enchantress, and Herald with prices per 100 and per 1,000.

R. O. LOMMATZSCH.

R. No. 1. La Grange, Ill.

Carnations, Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, White Perfection, \$4 per 100; \$35 per 1,000.

Fine FIELD-GROWN CARNATION PLANTS. \$5 per 100; 700 Enchantress, 900 White Perfection, 400 Lawson, Pink, 300 Wisor, Pink, 150 White Enchantress, 100 Beacon.

FIELD-GROWN CARNATIONS: Enchantress, White Enchantress, Rose Pink Enchantress, Philadelphia, O. P. Bassett, Beacon, \$6 per 100; \$55 per 1,000. Cash please. HARRY HEINL, West Toledo, Ohio.

Carnations, Northport, Mrs. C. W. Ward, Commodore, Beacon, \$6 per 100; \$50 per 1,000. Write for prices on Champion. J. D. THOMPSON CARNATION CO., Joliet, Ill.

Carnations, field-grown, 1,000 White Perfection, 10,000 Enchantress, 10,000 Philadelphia, 3,000 Beacon, 10,000 Champion, \$6 per 100; \$50 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FIELD-GROWN CARNATION PLANTS.

Extra strong, healthy stock. Pink Enchantress, \$4 per 100; \$35 per 1,000. ZECH & MANN, CHICAGO, ILL.

Carnation, Miss Theo., \$12 per 100; \$100 per 1,000. Littlefield & Wyma, North Abington, Mass.

Carnations, Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and slogs, 2 and 2 1/2-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Last call for chrysanthemums, including some of the newer ones. Ask for list. \$3 per 100; \$25 per 1,000. Elmer D. Smith & Co., Adria, Mich.

Chrysanthemums, Geo. A. Kuhl, Pekia, Ill.

CLEMATIS.

Clematis, W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS, good assortment, 2 1/2-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

COLEUS, Brilliance or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN, my prize strain, ready in August: Perle and Rose of Zehlehdorf, 4-inch, 20c. Glory and Rose of Wandsbek, 4-inch, 18c. White, glaring red, 4-inch, 15c. White red eye, Victoria, 4-inch, 15c. Every one a good one. Cash with order, please. RALPH J. SOUTH-ERTON, Highland Park, Ill.

CYCLAMEN GIG., Wandsbek type, finest in existence. 2 1/2-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000; 4-inch, \$15 and \$20 per 100. ERNEST ROBER, Wilmette, Ill.

Cyclamen, best German strain, 3-inch, \$8 per 100; 4-inch, \$15 per 100; 4-inch select, \$20 per 100. Seedlings from flats, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strains, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2 1/4-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Aloazo J. Bryao, Washington, N. J.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyadhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracaena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmaas, Newton, N. J.

DRACAENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

Ferns, Boston, Roosevelt and Whitman, 5-inch, 25c each; \$23 per 100; 6-inch, 50c each; \$45 per 100; 7-inch, 75c each; 8-inch, \$1 each; 10-inch, \$2 to \$2.50 each; 12-inch, \$3 to \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2 1/2-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO., Exclusive Fern Growers, SPRINGFIELD, OHIO.

BOSTON, ROOSEVELT, WHITMAN, SCHOLZELI.

Dark green—Choice Stock—Low Price. Boston, Roosevelt, Whitman, Scholzeil, 3-inch, 8c. Boston, Roosevelt, 4-inch, 12 1/2c. Boston, Whitman, 6-inch, 45c.

GULLETT & SONS, LINCOLN, ILLINOIS.

BOSTON FERNS. Extra good quality, heavy, bushy, established plants, 4-inch, \$15 per 100; 5-inch, \$22 per 100; 6-inch, \$30 per 100. ASPARAGUS PLUMOSUS, 4-inch, extra heavy, \$8 per 100. Order now. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

THESE ARE POT-GROWN STOCK.

Table listing pot-grown stock prices: 4-inch Boston...12c, 5-inch Boston...25c, 6-inch Boston...40c, 7-inch Boston...60c, 8-inch Boston...80c.

R. R. DAVIS COMPANY, MORRISON, ILL.

Asplenium nidus avis (Birds-nest fern) 4-in. pacs, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2 1/4-in. a specialty. H. Plath, Lawrence and Winipeg Aves., Sao Francisco, Calif.

Ferns, from beach, Boston, Scotti, Elegantisima, Pierson, etc., \$12.50, \$15 and \$20 per 100. Aloazo J. Bryao, Washington, N. J.

TABLE FERNS, strong 2 1/4-inch at \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

Ferns in flats, all varieties, \$2 per flat, 20 or more flats. \$1.75 each. McHutchison & Co., 17 Murray St., New York.

Boston Ferns, fine 2 1/2-inch, \$4 per 100; \$35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmaas, Newton, N. J.

Ferns, Joseph Heacock Co., Wyncote, Pa.

FREESIAS.

FREESIAS—True "Purity" Freesia Bulbs, best California field-grown, Al stock. Special prices on large orders to close out stock, 1/2 to 3/4, \$5 per 1,000; 3/4 to 1, \$2.75 per 1,000. LILYDALE BULB COMPANY, SANTA CRUZ, CALIFORNIA.

Freesias, 1/2 to 3/4-inch, \$8 per 1,000; 3/4-inch and up, \$10 per 1,000; Purity, 5/8-1/2-inch, \$10 per 1,000. Vaughan's Seed Store, Chicago and New York.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poteviae, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, 3-inch plants ready for immediate shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poteviae, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmaas, Newton, N. J.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmaas, Newton, N. J.

HYDRANGEAS.

"A Bird in the Hand"—You know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otakasa, with 7 to 10 branches, at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. FRENCH NOVELTIES, all the best ones, at \$5 the 100 addition for the same sizes. They are all in six-inch pots now, plunged outside, and growing like weeds, rich deep-green, healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY, NEWARK, NEW YORK.

Wholesale only. Ours are "Made in America."

HYDRANGEAS, Otakasa, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$16 for 1,000; \$8.50 for 500; \$1.50 for 250; \$2 for 100. Florists' Money Maker, best Valley at moderate prices, \$14 for 1,000; \$7.50 for 500; \$4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley, Cold Storage, packed in cases of 500 pips each, \$9 per case. F. B. Pierson Co., Tarrytown, New York.

MISCELLANEOUS.

Swainsona Galegifolia alba rosea, 2-inch, 40c per doz.; \$2 per 100; 3-inch, 60c per doz.; \$3 per 100. Double alyssum, moonvines, coleus, petunias, ageratum, salvia, heliotrope, lemon verbena, lantana, paglor ivy, English ivy, pompon chrysanthemums, ivy geraniums, tradescantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cyperus Alternifolia (umbrella plant), 4-inch, \$3 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

UMBRELLA plants, strong 3 to 5-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock: Pear, apple, Mahaleb, Mazzard, Myrobalan and Angers Quince stocks, forest trees (seedlings and transplanted), evergreens, ornamental shrubs, manetti, multiflora and roses. Louis Leroy's Nurseries Co., Angers, France.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ONION SETS.

Winter onion sets now ready. Vaughan's Seed Store, Chicago and New York.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.			
4-inch pots,	Leaves,	Inches high,	Each.
6 to 7,	18	.....	\$ 0.40
6 to 7,	24	.....	1.00
6 to 7,	28 to 30	.....	1.50
6 to 7,	32 to 34	.....	2.00
6 to 7,	36	.....	3.00
6 to 7,	38	.....	3.50
6 to 7,	48	.....	5.00
6 to 7,	58 to 64	.....	7.50

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.			
6-inch pots, 3 plants in a pot,	24 ins.	.....	\$ 1.50
7-inch pots, 3 plants in a pot,	33 ins.	.....	3.50
Specimens, very heavy	.....	\$10.00 to 12.00	

KENTIA FORSTERIANA.

Single Plants.				
4-inch pots,	Leaves,	Inches high,	Each.	
5 to 6,	18 to 20	.....	\$ 0.40	
6-inch pots,	5 to 6,	28 to 30	.....	1.00
6-inch pots,	6 to 7,	34 to 36	.....	1.50
6-inch pots,	6 to 7,	38 to 42	.....	2.00
6-inch pots,	6 to 7,	44 to 46	.....	2.25
8-inch tubs,	6 to 7,	46 to 48	.....	3.50
8-inch tubs,	6 to 7,	50 to 54	.....	5.00
8-inch tubs,	6 to 7,	5 ft.	.....	6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	.....	8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	.....	10.00

PHOENIX ROEBELENI.

4-inch pots,	nicely characterized,	Each.
7-inch pots, 22-ins. high, 30 to 32-in. spread	\$ 0.50
7-inch pots, 26 ins. high, 34 to 36-in. spread	2.00
8-inch tubs, grand specimens	3.50
10-inch tubs, grand specimens	\$5.00 to 7.00

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot	.....	\$ 1.00
7-inch pots, 3 plants in a pot	.....	2.00
8-inch pots, 5 plants in a tub	.....	3.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22-ins. high, \$1 each; \$12 per doz.; Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Palms. For varieties, sizes and prices, see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 6-inch, 50c each; \$45 per 100; 8-inch, 75c each; 6-inch strong, \$1 each; 7-inch, \$1.50 each; 8-inch, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. We have an exceptionally large stock of our own growing, strictly true to name. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Pennies. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

Peooles. 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcosie, Mo.

POINSETTIAS.

POINSETTIAS HEADQUARTERS.

All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock. Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2 1/2-inch pots, plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

Poinsettias, true type, large bract kind, 2 1/2-inch paper pots, \$5.50 per 100; \$50 per 1,000. A. Henderson & Co., 369 River St., Chicago.

POINSETTIAS, true stock; 2 1/2 and 2 1/2-inch, fine plants, \$5 per 100. ERIE FLORAL CO., West 26th St., Erie, Pa.

Poinsettias, the stock that will suit, 2 1/2-inch, \$6 per 100; \$50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Poinsettias, strong plants, 2 1/2-inch, \$5.50 per 100; 250 for \$12.50. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

PRIMULA OBOCNICA GRANDIFLORA and GIGANTEUM, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primula oboecnica, mixed or separate colors, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

PRIMULA OBOCNICA, Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shilmanstown, Pa.

Primroses, Chinese, Forbes, Malacoides, oboecnica alba, rosea, Ruby, \$2 per 100. Oboecnica Gigantea, \$2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch	\$4.00
White Killarney, 2-inch	35.00
Killarney Brilliant, 2-inch	7.00
		60.00

VIETOR BROS.,

162 North Wabash Ave., CHICAGO.

ROSES.

GRAFTED ROSES—VERY FINE.

Killarney, White Killarney, 3-inch.....\$10.00
Killarney Brilliant, 3-inch..... 10.00

BENCH PLANTS.

150 Aaron Ward, grafted, one-year.....\$5.00
600 Millady, grafted, one-year..... 5.00
300 Killarney, grafted, two-year..... 4.50

GULLETT & SONS, LINCOLN, ILLINOIS.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses, field-grown, hybrid perpetuals, creeping and climbing. Write for list and prices. Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Gen. A. Kuhl, Pekin, Ill.

SEEDS.

Seeds, cyclamen, Giant English grown, each, \$1 per 100; \$8 per 1,000 seeds: Rosy Morn, Excelsior, Mauve Queen, Princess of Wales, Grandiflora alba, Princess May, Duke of Fife. Giant German grown, each, 65c per 100; \$5 per 1,000 seeds: Pure white, dark crimson, Rosa Von Marienthal, dark rose, white with carmine eye. Glory of Wandsbek, attractive salmon, \$1.25 per 100; \$2.85 per 250; \$10 per 1,000 seeds. Primula: Vaughan's International mixture, 1-16 oz., \$4; 350 seeds, 50c. Mignonette, New York Market, oz., \$7; 1/2 oz., \$3; trade packet, 50c. Giant Machel, oz., 75c; 1/4 oz., 40c; trade packet, 10c. Vaughan's Seed Store, Chicago and New York.

Seeds, Pansy, Barnard's Florists' Mixture, Trade packet, 25c; 1/2 oz., \$1; 1/2 oz., \$3.50; oz., \$7. Giant Mixture, trade pkt., 20c; 1/2 oz., 50c; oz., \$4. Calceolaria Hybrid grandiflora, trade pkt., 50c. Cineraria Hybrid grandiflora, trade pkt., 50c. Primula Sinensis fimbriata, separate colors and mixed, trade pkt., 50c. Seeds of hardy perennials. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Holland grown seeds. Beets, mangels, sugar beets, cabbage, cauliflower, celeriac, chicory, cornsalad, creas, endive, kale, kohlrabi, leek, mustard, parsley, parsnip, radish, spinach, turnip, rutabaga. Sluis Brothers, Eakhuizen, Holland.

Seeds, growers of asparagus, broad beans, beet, broccoli, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicory, dandelion, leek, lettuce, mangel, onion, parsley, parsnip, radish, Swiss chard, turnip, swedes. Dealers in grass and clover seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, France.

Seeds, Cyclamen: Louis Salmon King, Pink Pearl, Giant White, Mrs. Buckston, Princess May, Vulcan, Phoenix, 1915 crop. Also Streptocarpus finest strain, Royal Nurseries, Bush Hill Park, Enfield, England.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriac, parsleys, parsnips, turnips. R. & M. Godineau, Angers, France.

The Kenilworth Giant Pansy seeds. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencer, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Musk-melon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, cauliflower, cabbages, rutabagas, mangels, pansies, asters, cyclamen, stocks, etc. L. Dehnfeldt, Ltd., Odense, Denmark.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Benary's seeds for florists. Send for list. Aabling-Ehrig Seed Co., 89 Pike St., Seattle, Wash.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolzano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

Smilax, 2 1/4-inch pots, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Pochlmann Bros. Co., Morton Grove, Ill.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SMILAX, strong 2-inch, \$1.50 per 100; \$12 per 1,000. C. HUMFELD, Clay Center, Kans.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SNAPDRAGONS.

SNAPDRAGONS, 2 1/4-inch Nelrose and Dreer's Giant mixed, \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2 1/2-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STRAWBERRIES.

Strawberries, pot-grown. Barrymore, Brandywine, Early Ozark, Gandy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VEGETABLE PLANTS.

Vegetable plants, cabbage and tomato leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Sold out of variegated Vincas rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2 1/4-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimate on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Apbine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphid, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Broad Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & SON, Stratford, London, England.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway New York.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 5/0, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Florist designs, wire window guards, office railings and all fancy work, lamp shades frames. Eagle Wire Works, 2333 Ontario St., Cleveland, Ohio.

Wire designs at very low prices. E. L. Rogers, 806 N. 12th St., St. Louis, Mo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.



**MORE KROESCHELL BOILERS
USED FOR
GREENHOUSE
HEATING THAN
ANYOTHER
MAKE**

BUY DIRECT
FACTORY TO USER PRICES

**ORDER
NOW**

**KROESCHELL BROS. CO., 452 WEST ERIE ST
CHICAGO, ILL.**

Lancaster County Florists' Club.


Thursday, August 19, the regular car for Elizabethtown was filled with florists bound for the Avondale farm and nurseries of our president, B. F. Barr. Along with our own members we had as guests, Bertram H. Farr, president of the American Peony Society; H. C. Huesman and F. H. Laucks, Reading, Pa.; C. E. Smith and wife, and August Shaeffer and wife, York, Pa.; and last but not least, Dennis Connor.

After an inspection of the nursery, each man, according to his taste, indulged in bowling on the green, croquet, cards, quoits and conversation. In the bowling contest, Jacob Fleer carried the honors for the greatest number of points made by one man. In the first match between teams made up by B. F. Barr and Albert M. Herr, the Herr team won out with flying colors, and in the match between teams made up by Geo. Goldbach and Rudolph Nagle, the Goldbach team won out. In the croquet, J. Ralph and J. Rutter Hess, from the Gap, showed Ira Landis from Paradise, and Chas. B. Herr from Strasburg that the Gap is not a "sleepy town" in spite of its name. In the quoits, Willis Girvin, of Leola, and August Shaeffer, showed they had some science and knowledge of things other than those pertaining to the florist's business. In cards, I think Elmer Weaver of Ronks, won the booby. In conversation H. A. Schroyer, Frank L. Kohr, A. F. Strickler and Dennis Connor, seemed to be in the lead.

About six o'clock Mrs. B. F. Barr took the party in charge, (and evidently believing in the adage of "to reach a man's heart feed the brute"), fed us royally, and was ably assisted in the serving by Rodney Eshlemen and Chas. B. Herr.

The Japanese lanterns were then lit all over the lawn, giving it a delightfully picturesque appearance, and the oil lamps were filled and lit for the porch, the cigars passed, and a half hour of general sociability indulged in to allow the feed to reach our hearts, after which a unanimous vote of thanks was extended to the host and hostess for their generous hospitality.

The regular meeting was called to order at 7:30 p. m., and aside from the regular routine business, a report was heard from the dahlia show committee to the effect that they had secured 800 square feet of space in the main building at the Lancaster county fair grounds, about half of which will be reserved for out of the county trade exhibits, as this will be an exceptional opportunity for the dahlia growers to show their products to several hundred thousand people. Volunteers were asked for to help at this show, and there will be two or more members of



The Net Returns From Your Greenhouses Is What Counts

You want to watch the initial cost, the grade and the workmanship of the material, the construction and convenience of the houses, to attain the best results. Write us for sketches and estimates. We can be of service to you.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material. Greenhouse Hardware, Hotbed Sash.

Mention the American Florist when writing

Morehead

Points the way to economy of fuel.

Back-to-Boiler SYSTEM

BEGIN NOW to find out about the "Morehead" system. Send right away for the "Morehead" book for florists. In it you will find an easily understood discussion of the boiler and condensation question from the practical standpoint of the Grower of Flowers. Write for this help TODAY.

MOREHEAD MFG. CO., Dept. "N" DETROIT, MICH. 304

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Boilers OF HIGH GRADE.....

For GREENHOUSES

See Our Catalogue.

Steam and Hot Water **GIBLIN & CO., Utica, N. Y.**

Mention the American Florist when writing

Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. Tile bottoms furnished anywhere in carload or less quantities.

Write today for circular.

CAMP CONDUIT CO., Cleveland, O.

Mention the American Florist when writing



A HANDY TOOL FOR GREENHOUSEMEN

"Red Devil" Glass Cutter No. 6

With Free Kid Case.

Guaranteed to cut 5000 feet of glass. Five extra hand honed and tested steel wheels in handle.

Sample mailed for 30c. Booklet free.

SMITH & HEMENWAY CO., Inc.
170 Chambers St., New York City

Hundreds of Florists have been convinced that we could save them

25% on Pipe and Fittings

Send us your list today and be convinced that we are giving you facts.

ILLINOIS PIPE & MFG. CO.
2113 S. Jefferson Street, CHICAGO, ILL.

Wired Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by
W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Everything for the Greenhouse

J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. CINCINNATI Union Central Life Bldg. NEW YORK Marbridge Bldg.

the club in attendance all the time to make it educational and advertise the dahlia. The date is September 8 to October 1, inclusive.

B. H. Farr was scheduled for an address on peonies, but unfortunately, was unable to stay for the evening meeting. Frank Suter made an elegant display of dahlias and received the thanks of the club. The meeting adjourned in time to take the eight o'clock car back to the city, and will long be remembered as one of the red letter days for the year 1915 by those who were with us. **ALBERT M. HERR.**

Kansas City.

SUPPLY SHORTENS BUT QUALITY IS POOR.

The supply of stock shortened somewhat during the past week, due to weather conditions, but prices were below the standard owing to poor quality of the offerings. Gladioli are practically off the market with the exception of a few that are sent in by local growers. Asters are improving both in stem and flowers, and some with extra long stems find ready sale. Lilies are of good quality and continue plentiful, and roses are coming in somewhat better, some very fine American Beauties, Russell and Killarney being seen in the shops. Carnations are still off the market. Funeral work has been fair and has helped out.

NOTES.

Business at Arthur Newell's is holding up well. The supply of good stock is plentiful and there is a good demand for funeral designs. Miss Mamie Klein of this establishment has returned after a trip of five weeks to the Pacific coast, where she visited the Panama-Pacific and San Diego expositions; also a two weeks' stay at Los Angeles. She called on the trade in several of the coast cities, and returned home well pleased with her trip, which was instructive as well as beneficial.

Henry Kusik & Co. report trade about as usual. They are receiving some exceptionally fine roses, especially American Beauties, Russell and Killarneys, all of which sell readily. Asters and lilies in plentiful supply and of good quality are also a feature at their establishment, the lilies especially being about the best seen in this market. Good statice is also being received from the West.

The Geo. M. Kellogg Flower & Plant Co. are receiving some excellent roses, but they do not bring the prices their quality deserves. Gladioli are off and asters are shortening up. Funeral work has been fair with this firm.

Wm. L. Rock Flower Co. reports a fairly good volume of business during the week, funeral orders being a big factor. Their showing of asters are about as fine as are seen on the local market.

Alpha Floral Co. reports shipping trade exceptionally good, and funeral work, which is a big help at this time of the year, is holding up very well.

GREENHOUSE LUMBER

LOCKLAND LUMBER CO., Lockland, O.

1866-1915
"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.
SQUARE RED CEDAR POSTS.

Material Snaps!

EVERYTHING FOR GREENHOUSES

Equip your greenhouse or nursery at 25 to 50% savings. Our business methods save you money! We buy in enormous quantities at receivers', trustees' and sheriffs' sales, taking over whole industrial plants or manufacturers' stocks in single cash purchases. There's not a single article used in greenhouses or irrigation works, on which we cannot save you 25 to 50%.

This week we have the following special offers:—
20,000 pieces 1 in. galv. pipe, lengths, 5-6 ft.
5,000 pieces of 1 1/4 in. galv. angles, 3-6 lengths.

200 pieces 2 in. galv. pipe, 9 ft. lengths.
5 direct connected diaphragm pumps to 1 1/2 hp. gas engines.
40,000 ft. of 6 in. and 8 in. black iron pipe.
5 cars of plain and barbed galv. wire.

Write us for money-saving information on complete heating plants, greenhouse boilers, used pipe for any purpose, storage tanks of all kinds, irrigation hose, tools, in fact anything you need. We have it—at a bargain!

CHICAGO HOUSE WRECKING CO.
W. 35th and Iron Sts., CHICAGO, ILL.

Free

This Fine



BUDDING KNIFE

With 2 New
Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

W. J. Barnes has been quite busy with funeral work. Asters are seen here in good supply and of good quality and the late crop of gladioli are arriving.

Patrick Larkin reports business fairly good and he anticipates excellent business during the fall trade.

The Costello Moore Floral Co. reports good business, stock cleaning up nicely every day.

Visitors: John Poehlmann, of Poehlmann Bros. Co., Chicago, accompanied by his son; Morris H. Levine, representing Lion & Co., New York.

E. J. B.

"The Name of Quality"

Willens

Construction Co.

Greenhouses

That's
Sufficient!

1529 So. Spaulding Avenue
Chicago

Dreer's Peerless Glazing Points

For Greenhouses

FULL
SIZE
NO 2

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lets.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

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A. HERRMANN,

Cape Flowers, all colors, Cymas
Leavea, Metal Designs and all
Florist Supplies.

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PRINTING FOR FLORISTS

Send for samples of Three Color Shipping
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Letterheads and Envelopes showing special
designs for florists.

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542 S. Dearborn St., Chicago.

Sold By The Seedsman of America



"HAMMOND'S GRAPE DUST"

Used effectively to kill Powdery
Mildew on Roses and other Plants.

USED BY THE FLORISTS FOR OVER 25 SUCCESSIVE YEARS.

Sold by the Seed Dealers.
For pamphlet on Bugs and Blights address

HAMMOND'S PAINT & SLUG SHOT WORKS
BEACON, N. Y.

**Hammond's
Thrip Juice No. 2**

Kills Red Spider
in greenhouses, etc.
Used since 1883.

Little Silver, N. J.

At J. T. Lovett's range we recently noted great activity in packing and shipping pot-grown strawberry plants. Over twenty varieties of strawberry plants are grown at this place, and while all have merit, the Van Fleet hybrids are doubtless the most noteworthy, they being a distinct advance in strawberry culture. Of these the Edmund Wilson, Early Jersey Giant and Late Jersey Giant are fine specimens. As stated, a large business is carried on in strawberry plants, but there are many other good features. There is a fine collection of pot-grown roses, of peonies, irises and other herbaceous stock, and the nursery contains many fine trees and shrubs.

Dean & Co., who have hitherto been better known as rose growers, have taken up carnation growing and have a considerable area of their range thus planted and the stock looks well.
A. F. F.

NORMAL, ILL.—A. M. Augustine, secretary of the Illinois State Horticultural Society has the new volume of the proceedings of the society for 1914 ready for distribution.



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.



The Original and Only
ELASTIC-LYKE
LIQUID PUTTY

Positively will not get hard, run in hot nor heave in cold weather.
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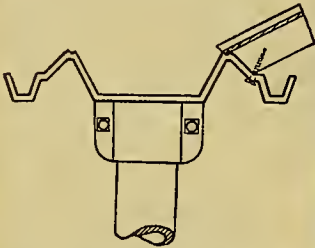
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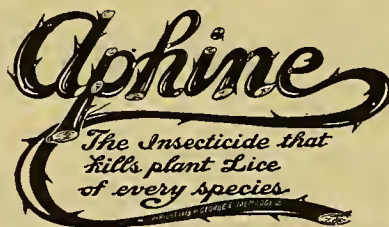
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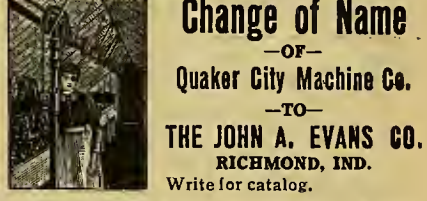


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Vol. XLV.

CHICAGO AND NEW YORK, SEPTEMBER 4, 1915.

No. 1422

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Gardenias and Their Culture.

Requirements Easily Supplied.

The gardenia has always been con- sidered a choice cut flower, and until the past two years has commanded a high price. The great demand encour- aged a number of growers to give it a trial, but in the majority of cases for various reasons, such as not being able to spare a house exclusively for its cul- ture, or to give it the proper attention, the necessary degree of heat, or lack- ing in many of the other essentials, the result was unsatisfactory returns or failure. Many have even devoted a house to this plant and put their best energies to its culture, but failed to get a crop until late in the spring, when the market was full and prices at the lowest ebb. Growing gardenias successfully is like attaining perfec- tion with any other plant; very easy when you know how. To get this knowledge requires experience; you can read the rules, as it were, out of a book, but it may take a long time to interpret them correctly. However, if growers will profit by their failures, and not become too easily discouraged, they will most likely win out in the end.

Amongst the most successful grow- ers of gardenias for the Philadelphia market is the firm of Macaw Bros., of Norwood, Pa. Beginning in a small way, they experimented along, until being reasonably sure of a crop they went into it more extensively, and this flower is now quite a factor in their business. Listening to the description and the rules of culture as laid down by Duncan Macaw it looks as simple as growing geraniums; in fact, Mr. Macaw says there is no secret in grow- ing the gardenia; they never having had the slightest failure of any kind that they could not account for in some careless treatment, such as too much or too little water or allowing the plants to get chilled, which shows up later in the poor color of the leaves or a dropping of buds or failure to set the same.

Cuttings for stock for the following winter are taken after the first of the

year, and require three to four weeks in the sand; they are then put into small pots and finish or grow into good strong plants about June 1, when they are planted into six-inch pots or set out on the bench in soil, where they become well established by fall. Good soil is important; theirs is composed of one-third compost, one-third cow manure and one-third light leaf mould. Soil of benches should be four inches in depth. There is no topdressing dur- ing the winter, but manure water will increase the size of the flowers. The temperature is important; it should never be allowed to fall below 70 de- grees at night, and many failures are caused by neglect in this respect. Wat- ering is to be very carefully done; they are easily overwatered, which is a stumbling block to many growers. Although they did not heat their water Mr. Macaw believed it would be better with the chill taken off or brought up to a temperature of 70.

From good healthy plants set out in June they commence to cut the latter end of October, and continue until spring; the foliage or shoots that usu- ally comes either side of the bud has to be taken away to throw all the strength of the shoot into the flower. If the bud promises not to develop, then one of the shoots is left to grow on and will soon set another bud. When long stemmed flowers are de- sired only the strongest shoots are en- couraged, all flowers on the weaker branches being cut away. The cause of falling buds, or of turning black at the base, or failure to open, he at- tributes to too much water or possibly a chill at some earlier period. The latter error is the most common, as many growers are not able to keep their house to this temperature all the time. The variety forced is Gardenia Veitchii. Gardenia florida makes a flower twice as large as Veitchii, but cannot be forced in winter, not bloom- ing until spring.

There is no difference in the amount of flowers obtained from plants in the bed or those planted in pots; from

10 to 15 good salable flowers are taken from strong healthy plants during a season. Asked about insects, he said they give them very little trouble, the chief and almost sole offender being the mealy bug. If plants are strong and healthy they seldom appear, but if they do, a little nicotine, a 2½-inch pot full in a bucket of water applied with an atomizer will generally fix them.

There is no particular selection of the wood for cutting; any good plump shoots will do, but they should never receive a check, being kept on the jump all the time. Some growers keep their plants in for the second season; these two-year-old plants flower very profusely, but the blooms are generally smaller and do not grade very high. We like to start with strong young stock, from which we feel we get the best results. In the spring when the season is about over we lift our stock from the bed and pot the plants into six-inch pots, which soon become established, and for which we find quite a market. As an Easter plant we believe a well-flowered gardenia in a pot or small tub is quite the equal as a seller to any of the popular plants to be found in the market at that time.

We believe that if growers would try to grow higher-classed blooms, rather than such a quantity of small ones, which when thrown on the market in quantity find their way to the street at ruinous prices, the gardenia would regain its prestige as a high-class flower and better sales would result.

K.

Calendula for Christmas.

ED. AMERICAN FLORIST:

When should seed of calendula be sown and the plants benched to bloom for Christmas? We have two benches affording about four feet headroom and wish to know what can be grown with them in these benches.

E. C. C.

Montana.

The seed of calendula for winter flowering should be sown in August and as soon as large enough, transplanted into the benches 10 inches apart and given the same treatment as mignonette. There is quite a difference in the flowering qualities of various strains, some being very much earlier in blooming and more prolific. If you find any plants that show the tendency of being free in flowers, save the seed from these plants. The bench-room, as stated, will be all right for these plants.

C. W. JOHNSON.

MILWAUKEE, WIS.—Local florists will have extensive exhibits at the state fair this year.

SPRINGFIELD, O.—A flower shop has been opened by L. Bradford at 106 East High street.

MADERA, CALIF.—Fire at the Kirkman nursery August 14 caused a loss of \$3,000, principally to buildings.

STERLING, ILL.—J. A. Swartley, florist, escaped serious injury August 22, when his delivery wagon was struck by a street car.

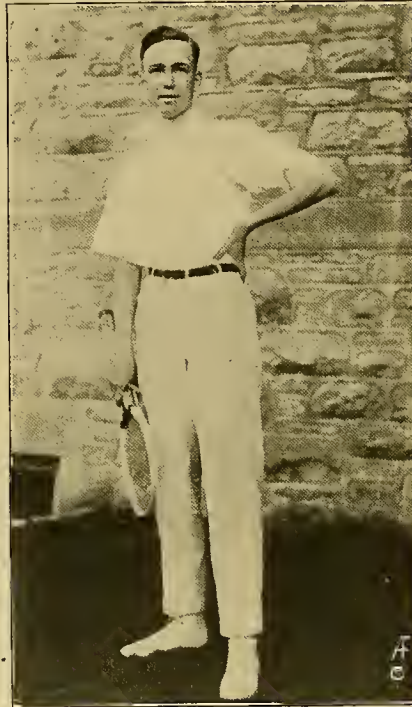
PETERBORO, ONT.—Roland Denne, president of the Peterboro Floral Co., donated the use of his store and 5,000 cut flowers to the Red Cross Society, August 28, to assist in increasing the society's funds.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Dahlias.

The dahlia will soon be here in quantity, and during the month of September is a large factor in the cut flower business. Dahlias of late years show great improvement, something new and distinctly superior being added to the already large list every season. Jack Rose, Minnie McCullough and Dorothy Peacock are three of the bright lights, and there are a number of others, up to a dozen varieties at least, that are especially suited for cut flowers, their form and brilliant



Walter Newell.

Son of Arthur Newell, the Well Known Kansas City, Mo., Florist, Now Taking the Agricultural Course at Columbia University, Champion Amateur Tennis Player.

colorings making harmonious or contrasting color schemes, and with the manipulation of the artistic designer effective arrangements are produced at very small cost.

The advent of the dahlia may be said to start the season, and for the wide-awake storeman it presents an opportunity to commence his winter campaign by a judicious use of these low-priced flowers. To those of his customers that he can reach at this time, a box of selected blooms with his compliments will be appreciated and a favorable impression made.

It is now time to give more attention to the show windows; inexpensive and very attractive displays with unique color effects may be made with the various types of this flower. All one color arranged in zinc-lined baskets of various sizes with ribboned handles is very conspicuous. Al. McCullough is another variety that makes a striking display. The brilliant red is a great favorite and one of the most popular. When this flower is at its height it is a good plan to push it to the exclusion of other favorites, which will have their inning later on. By

keeping a good stock and having it attractively arranged a good impression is made which is helped along by the salesman who talks dahlias, calling attention to their fine form and color, their size and how seasonable. Other flowers, if mentioned, will be at their best later, but for the present there is no flower like this garden favorite.

Sprays of dahlias are just the thing at this time for funerals, Delice, a cactus, with a tassel-like flower of a lovely shade of pink, makes up into an elegant piece, just as handsome as roses. There are a number of other choice varieties especially suited for this work. Wreaths of white or colored dahlias are quite as handsome and effective as any other flower of the season; they also combine well with the bronze magnolia, such work being almost sure to be satisfactory.

As a decorative flower for the table, particularly for a large banquet, they are most gorgeous in low rose bowls, combined with taller vases and garlands laid on the cloth, or as a center for individual tables there is nothing quite so showy.

Taking the Inventory.

One of the most essential, and yet we venture to say, the duty that is the least attended to is that of the inventory. The average retail storekeeper looks about him and is satisfied that his stock is worth about as much as it was last year at this time, but as to just what it represents in actual money expended, he is unable to say. Books can not be satisfactorily balanced without the account of stock on hand, whether it be baskets, pottery, decorative material, wire designs or other items that are found necessary in the equipment of the store. Every firm should know exactly how they stand at least once a year; in fact, if the books are kept properly, the monthly balance gives a very good idea as to condition or the progress of the business.

This article will not interest the successful stores who have long recognized the importance of careful book-keeping and system in conducting their business. There are, however, many establishments both large and small, who are considered fairly successful, but who push along without this systematic way of doing things, who if they would go over their stock, piece by piece, sort it out, throw away the old style and rubbishy shop-worn goods that have so long lumbered their shelves or basement, they would be astonished at the amount of this there was. In every such collection there will be found quite a lot of baskets that can be made presentable by a few repairs and a touch of paint or gilt and the addition of a zinc pan. Nothing should be handled in the store but bright, fresh, up-to-date stock; there is such variety in baskets, vases or jardinières that anything that is fresh looking and clean, whether of last season's vintage or even the year before, is liable to find a customer. In going over the pot covers and pedestals, a number will be found that need repairs, which will probably give them another year of usefulness, but which if left until the busy time, would not be considered fit for use and likely be thrown away.

It will often be found that price marks or tags have been lost from a number of pieces; these should be looked up and renewed, so that any



ART FLORAL CO.'S STORE, SAN FRANCISCO, CONVENTION WEEK.

of the salespeople can give intelligent answers to customers.

These features go to make the stock taking of much greater interest as values are added that would otherwise be lost. In every store a book in which to make a note of things wanted will be found very useful. Stock articles, such as cycas leaves, wheat sheaves, stemming sticks, wire and wire designs, tin-foil, letters, ribbons, etc., will get low, and if entered will be ordered before they are entirely out. If it is found that the stock of wreaths or other designs of magnolia leaves are low, now is the time to work them up. A good line of this class of goods is a great help when the busy season sets in. K.

Art Floral Co's San Francisco Store.

The accompanying illustrations show the Art Floral Co.'s store, San Francisco, Calif., as it appeared, specially decorated, during the S. A. F. convention in that city, August 17-19. The lattice work was built especially for the occasion and in addition there were four panels with figures of girls carrying bouquets of flowers. The figures were painted on heavy cardboard and then cut out with a knife, the first representing a bride carrying phalaenopsis for a bridal bouquet, the rest of the decoration around the panel being arranged with white hydrangeas making a perfect setting. Other figures were decorated in similar manner to represent the bridesmaids and others in a wedding party, the entire arrangement being highly artistic and pleasing, and greatly admired by both visitors and local people.

CHRYSANTHEMUMS

Taking the Bud.

The term, "taking the bud," means the selection of the bud to remain to develop into the flower. New beginners in the growing of chrysanthemums are often puzzled by what is meant by the term of taking the buds. Many of the plants are now forming clusters of buds, most of which from this date on are called terminal buds and consist of a center or main bud, surrounded by a number of others; the taking of the buds in this case means the removing, or rubbing out the surrounding buds, leaving the center one to go on to make the flower. The difference between the bud now forming, and the earlier one, which was removed three or four weeks ago, is that the earlier bud (which is called a crown bud) had a growth shoot on each side. One of these, together with the center bud, was removed; the other allowed to go on into growth, and now at the apex of this growth the terminal bud is forming, but now our aim is to save the center bud and remove those around it, they being only side bud shoots and not having any main growth to support them in making large blooms. Growers experienced in the growing of chrysanthemums for exhibition cut blooms, as well as the early planted stock of the early flowering and other commercial varieties, have the buds on most of their plants

already selected, but those planted later and many of the midseason varieties are now setting buds which will produce the best blooms. August 20 to September 15 is the period for the commercial varieties to set their buds to bring the best results. Chrysolora, Ivory, Pink Ivory, Chas. Razer and Chieftain, begin to be ready for bud selection about August 20 and by September 1 most of the buds on these varieties are taken. September 1-10, Timothy Eaton, Yellow Eaton, Col. D. Appleton, W. H. Chadwick, Golden Chadwick and Yellow Chadwick and other mid-season varieties should be ready for taking, but when the plants have had careful attention throughout the growing season, and the side growths removed on time, it is safe to take buds on most all varieties as they appear after August 25. You will find that some will be ready and others of the same variety will stretch out to the first week of September, but be on the job to look after them at this time. Any delay after the first week of September means a smaller flower.

After the bud is taken, any side shoot that has been missed anywhere down the stem, will quickly branch out and draw strength from the plant, so still be on the lookout for these stragglers; also, the suckers at the stool of the plant will take on a rapid growth and should be removed, being careful not to damage the roots when cutting them out.

Among the important parts of the routine work in caring for the cut

flower stock is to be sure the plants are properly supported to carry them upright, and again do not neglect the spraying with insecticide to keep the insects in check. Toward the latter part of September we may expect some cool, still nights and these should be taken advantage of to do some fumigating, so that the plants will be thoroughly clean before the petals begin to unfurl.

It is now time to be extra cautious regarding the water and syringing. The plants must not be allowed to suffer for water, but they do not require anywhere near as much watering or syringing as they did a month ago.

Large specimen plants for exhibition must now be given close attention. They ought to have the best possible position in the houses to develop and shape themselves, and the training and spreading out of the branches should be attended to up close so that there will not be any danger of the shoots getting broken. Application of liquid cow or horse manure twice a week will be beneficial to the growth of these plants, but do not apply the manure to any plant while it is dry at the roots, but first water with clear water and let it remain for an hour before applying the liquid manure.

Any chrysanthemums growing in the field, with the intention of lifting them for potting to be grown into market pot plants, should now be taken care of. Pot them up into a live, fairly rich soil, keeping them in the shade, spraying the foliage two or three times a day until they become established, after which give them a light, airy bench. Attend to work of supporting them, and when well established apply liquid manure liberally.

Do not neglect the pompon and singles being grown for cut flower sprays. Cut out the thin, spindly wood to give the stronger sprays a chance and as soon as the buds appear, treat the plants to applications of liquid manure twice a week. The plants will respond quickly with a vigorous, healthy growth.

C. W. JOHNSON.

Vacant-Lot Gardens in Toronto.

Through the efforts of the Rotary Club, of Toronto, 130 vacant city lots have been secured and turned over to needy families for the raising of vegetables. Members of the club, with the mayor of Toronto and members of the city council, made a tour of inspection of this work on August 12, when it was found that 96 families and 432 persons in all have already been benefited by this movement to have vacant city lots put to some good use. So much pleased were the mayor and councilmen with the results that it is likely that lots at the disposal of the municipal authorities will soon be used for growing vegetables for the poor of Toronto. Owing to the over-speculation in town lots and in laying out unnecessary additions to the city, Toronto has many acres of land within the corporate limits that could be profitably used to aid needy people in accordance with the plan adopted by the Rotary Club.

MINOT, N. D.—George Walker has purchased property in the business district in this city and will erect one of the finest flower shops in this section of the country.

FLORISTS' FERNS.

Summer Care of Young Stock.

The latter part of the summer is a season of preparation in the fern houses, this being the period when the small ferns are potted off from flats or pans in readiness for use during the winter in filling ferneries. If sufficient bench room is at hand the young ferns may well be placed in the greenhouses after potting, provided that plentiful ventilation can be given, so that the growth of the plants will be short and stocky, for ferns with lanky and soft foliage are of but little use for the table fernery.

If space is still scarce in the houses, the young ferns will come along nicely in outdoor frames, where they may be protected from the weather with sashes that are raised above the frame about one foot so that abundant ventilation may be had both day and night, and as a matter of fact the plants will really be better in the frame than in the greenhouse if the weather continues warm, for the growth will be more stocky and there will be less likelihood of the foliage damping off with such an abundance of fresh air at all times.

The question of varieties that are most valuable as florists' ferns has been frequently discussed in these columns, but it may be briefly re-stated by saying that several pteris are among the favorites, for example: *P. Cretica albo-lineata*, *P. Wilsonii*, *P. Wimsetti*, *P. Mayii* and *P. adiantoides*, *Aspidium tsussmense* (decidedly one of the

best), *Cyrtomium Rochfordianum*, and *Aspidium chrysoloba*. These few are sufficient for all ordinary work, and are usually to be had in quantity at reasonable prices from the fern specialists, but anyone who desires a greater variety may readily increase the list.

It will be noted that no maidenhairs are included in this list, but as some customers may insist on having this beautiful and extensive family represented in their ferneries, it may be well to include a limited quantity of *Adiantum cuneatum*, true *cuneatum* rather than *A. Roenbeckii* being preferable as a pot plant, while for cut fronds it makes but little difference whether the original type of *Adiantum cuneatum* or its variety, *Roenbeckii*, be used.

The ever increasing list of nephrolepis varieties still includes some of the best sellers among florists' ferns, even though many thousands of them are distributed by the department stores in our large cities every season at rather reprehensible prices, when looked at from the florists' viewpoint. But it must be taken into consideration that the above-mentioned department stores buy the ferns from growers who are quite willing to clean up a large block of good, bad, and indifferent plants at a certain price for cash, and that the department store rarely sells below cost, and also reaches a class of customers who seldom go into a florist's store.

However that may be, the growers, and there are hundreds of them, too, are now busy in the preparation of nephrolepis for the fall and winter



WREATH OF IVY LEAVES.

Spot of Cattlepans.



ART FLORAL CO.'S STORE, SAN FRANCISCO, CONVENTION WEEK.

trade, potting up the young plants from the propagating bed, potting on the older ones into larger pots and pans, and in all cases giving the stock as much space as can be spared for the purpose, with the intention of producing sturdy and well-finished plants that will find a ready market, and with this spacing out of the stock it should be given plenty of air and sunshine, for commercial ferns, generally speaking, will stand a great deal more sunshine than was once thought possible. Of course all ferns that are treated after such a plan will require proper attention in the matter of watering, and will stand a great deal more of the hose than those that are grown under the coddling system that once obtained.

Considerable quantities of the birds' nest fern, *Asplenium nidus*, are now being grown for the trade, plants in four, five and six-inch pots being among those most in demand, the light green and shiny leaves of this fern being so distinct and striking that they seldom fail to attract attention. This marks one of the advances in the fern trade, for only a few years ago a bench filled with *Asplenium nidus* would attract almost as much attention as though it were filled with that singular West Indian fern, *Hymenodium crinitum*, the large uncut leaves of which are covered with black hairs, and remind one of elephants' ears rather than fern fronds.

PTERIS.

THE ROSE.

Work in the Houses.

The work in the rose houses at this time varies but little outside of the suggestions mentioned in our last article. The cultivation should be attended to regularly, and where extremely early planting was done and the feeding roots are found near the surface, then the cultivating should be stopped and a light top-dressing of thoroughly decomposed manure of almost any kind should be put on the beds; just enough to barely cover the soil, something to wash around on the soil to keep the roots cool and to protect the soil from cracking or baking. *Russel*, *Ophelia*, and any variety that has a tendency to black spot should be kept tied up, care being taken not to tie the plants too compactly, but just enough to keep them from swishing around when syringing with considerable pressure. This will enable the plants to dry out more rapidly and furnish a free circulation of air between the rows. Use plenty of air-slaked lime dusted through the base of the plants and in the walks, particularly in dark or rainy weather and as the nights grow cooler, the plants should be dusted during the day with grapedust. We usually apply the dust just as soon as the foliage is thoroughly dry, and let it remain on the foliage during that day and the next; then on the following day syringe it off carefully. If

the plants require water in the meantime we avoid wetting the foliage. In this way we rarely have any trouble with mildew or spot. All the pruning should be finished up, and do not be in too great a hurry to feed up the newly pruned plants. They should be allowed to make some good foliage, and the first growth should be well ripened before attempting any feeding, then a light mulch of good manure can be used if it is well rotted.

E.

Grafted American Beauty.

ED. AMERICAN FLORIST:

Is grafted stock of American Beauty grown to any great extent? What are the advantages if any of grafted stock of this variety?

GROWER.

Replying to the above inquiry, we will state that we have tried grafting the American Beauty rose on *Manetti* stock (which is the stock used universally), and the results did not come up to those obtained by using the own root stock of this variety. We have seldom found it beneficial to graft a variety that has a tendency to break freely or throw strong canes from the root, on a variety that forms a large callous in the cutting bed. Varieties having these tendencies are inclined to break away at the union, being forced apart at the spliced joint by a knotty growth, or clubbed growth, formed by an extra amount of hardened sap or callous formation. American Beauty, being a free breaking and



MAX SCHLING'S EXHIBIT AT THE ATLANTIC CITY GLADIOLUS SHOW.

exceptionally vigorous grower, could be very little benefitted by grafting, excepting perhaps where the soil was badly infested with eel worm, then a difference might be noticed for the better if grafted. E.

Atlantic City Gladiolus Exhibition.

This exhibition, given under the auspices of the American Gladiolus Society, and a sequel to the Newport gladiolus show, was held in the Casino of the Royal Palace hotel, Atlantic City, N. J., August 26-28. The room, 60 by 100 feet, was filled to its capacity with the exhibits, several of them somewhat crowded, but all arranged with more attention to detail than is generally seen. There were superb flowers of the most recent introductions, as well as large vases of the standard forcing and garden favorites.

The feature of the show was the large, artistically arranged baskets, the work of Max Schling of New York, which occupied the center of the room. The flowers, which had been furnished by the society, were very tastefully arranged in a number of large baskets. One large floor basket, with a diagonal handle, standing about six feet high, filled with spikes of lavender and yellow, the handle decorated with handsome ribbons in orange and green, was very striking. A table decoration set for six persons was of montbretias and *Primulinus* gladioli, giving an orange and red coloring. There was a round plateau effect in the center, with six small vases arranged around it. A bridal shower bouquet was of white

gladioli, with narrow ribbon streamers with buds and smaller flowers attached; also one of pink, with spray effect. These were very much admired. There was also a large table covered with some 300 blooms of America, and several other large baskets showing color effects. This display was a splendid example of the florists' art, and a credit to Mr. Schling, whose individual work it was. The various other exhibits were staged around the sides of the building.

Arthur Cowee, Berlin, N. Y., staged a splendid lot of his choice varieties—Peace, War, Blue Jay and other fine sorts were seen in perfection.

A center of attraction was the table of W. Atlee Burpee & Co.'s Fordhook hybrids, splendidly arranged. The flowers were large and in great variety of colors, all seedlings. A basket contained a quantity of spikes all from seed, sown this season.

H. F. Michell Co., Inc., Philadelphia, Pa., made an interesting display with gladioli, herbaceous phloxes and other perennials.

John Lewis Childs staged his usual fine assortment of flowers. Sunburst, Winsome, Dazzler, Melrose and Liebesfeur were prominent sorts.

Knight and Struck Co., New York, had a nicely decorated exhibit, using palms against a blue silk screen for a background. There were a number of choice varieties of gladioli. Blue and white display cards carried out the color scheme.

B. Hammond Tracy of Wenham, Mass., had a fine collection of splendid spikes of his own seedlings and standard varieties.

Henry A. Dreer, Inc., Philadelphia, Pa., staged fine gladioli, relieved with cocos palms and ferns. This firm also decorated the stage with palms.

Bobbink & Atkins, Rutherford, N. J., displayed vases of herbaceous flowers and vases of outdoor roses.

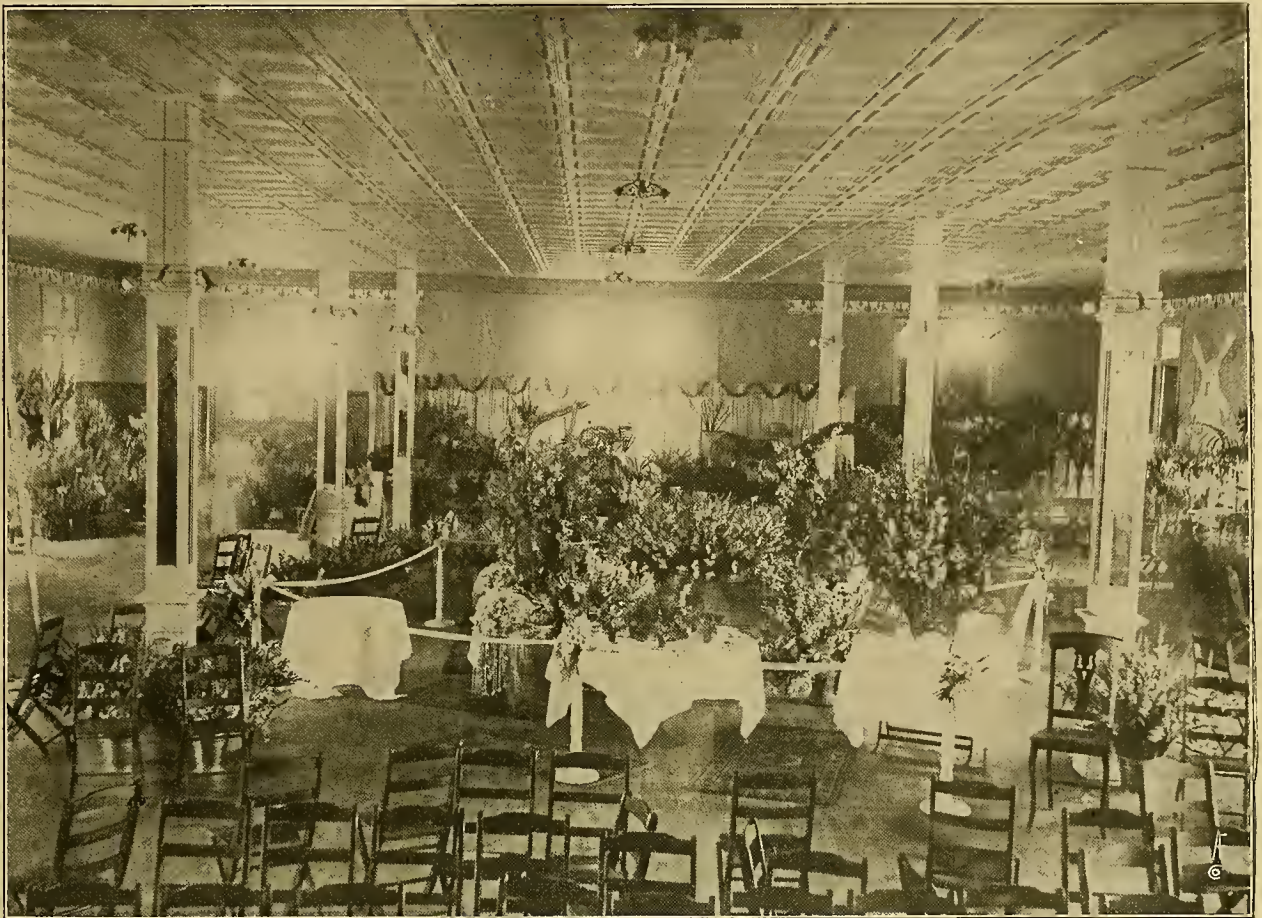
The Julius Roehrs Co., Rutherford, N. J., had a large display of Rochester White gladioli and cut herbaceous flowers. Fancy evergreens in tubs were also a feature.

A. E. Kunderd, Goshen, Ind., had a small display of his new type of gladioli. They are a great novelty.

For such a fine show there should have been a much better attendance. Maurice Fuld had worked very hard in exploiting the exhibition, but for some reason, apathy or other attractions, the people did not come out as expected. Max Schling spoke on "How to Arrange Gladioli Artistically." Arthur Cowee spoke also on the individuality of varieties, and Maurice Fuld gave amateurs instructions in growing gladioli. There was no premium list or awards of any kind. K.

Lake Minnetonka Flower Show.

The Lake Minnetonka Amateur Flower Show Association opened its second annual show Friday, August 27, at Lake Minnetonka, Minn., but Saturday was forced to close on account of a rain storm, and continued the exhibition Sunday. The tent was open to visitors from 2 p. m. until 7 p. m. After the show the flowers were sent to the hospitals of the Twin Cities. There were sixty prizes given and Calvin G. Goodrich won the gold medal. Other



GENERAL VIEW ATLANTIC CITY GLADIOLUS SHOW.

prize winners were W. O. Winston, John F. Wilcox, Mrs. Elbert L. Carpenter, Isabella Bladon and Mrs. Louis Hanson. That the association is growing fast is shown by the fact that last year there were only nine tables, while this year there were 20 large, well-filled tables, and they have already taken up the matter of securing the new varieties of plants, bulbs and seeds for next year. Wm. D. Desmond acted as judge and found it a very difficult position, as the quality of the flowers shown would have done credit to professional growers. T. C. R.

Lake Forest Flower Show.

The grounds of the Onwentsia club, Lake Forest, Ill., were the scene of the flower show held in conjunction with the "Country Fair," given by the Lake Forest Horse Show Association, Saturday, August 28, and the exhibition proved to be one of the most successful, both in point of attendance and number, quality and variety of the displays ever held on the North shore. The premium list provided for awards in 50 classes for cut flowers and seven classes for baskets, table arrangements, bouquets, etc., and so keen was the competition that the judges, Wm. Longland and Henry Martini, of Lake Geneva, found themselves confronted with no small task, and it was near the closing hour before the last prize-winning ribbon was attached. The weather was ideal—bright and cool, the large tent in which the show was staged was well ventilated and the blooms appeared to splendid advantage during the entire day. Even at the closing

hour a "sleepy looking" flower was an exception. Circling the tent on the outside, an excellent display of fruits and vegetables was staged, awards being offered in over 40 classes.

Entering the tent, the attention of the visitor was immediately arrested by what appeared to be a veritable riot of wonderful colors occupying a space about 100 square feet. This was the exhibit staged by Vaughan's Seed Store, Chicago, and the splendid display of blooms in great variety was the center of an admiring throng from the opening until the closing hour. Here were gladioli of most gorgeous and showy coloring on long, strong spikes, over 40 distinct varieties being noted in this display. Included in this collection the following seemed to be the leaders in popularity: Princeps, brilliant scarlet - crimson; Schwaben, the new yellow; Dazzler, bright salmon-scarlet, with red-orange blotch on lower petals; Jean Bart, bright crimson-red; Charles L. Hutchison, rich blood-red; Orange Glory, with 8 to 10 flowers to a spike; Gerald, carrying nine blossoms of deep rose on a spike of graceful form; Mme. P. Palmer, rose suffused with carmine; Mme. Brunet, rosy lilac and carmine. Chicago Salmon, Phlegeton, Madrilene, Desdemone and Primulinus Sunbeam also had many admirers, and of course, Mrs. Francis King, America, Peace, and others of the old favorites, were not forgotten. Among the roses were seen splendid vases of Hoosier Beauty, Shawyer, Ophelia and Mrs. Russell, and Canna Firebird did its full share to add to the wonderful color scheme. Queen

of the Market and Little Gem were both noticeable among the asters. Tritoma Pfitzeri, Delphiniums Gold Medal Hybrids and King of the Delphiniums, Buddleia variabilis Vietchiana and Vaughan's Colossal zinnias also made splendid showings. This display was not in competition.

For a general display of annuals, James Thorne (M. Zschau, Gr.) was awarded first prize with a splendid collection of zinnias, helianthus, ageratum, mignonette, asters and scabiosa; also first award for display of pansies.

For collection of asters, three blooms of each color, first prize was captured by D. W. Cummings (K. Lofving, Gr.). For the best display of Sutton's Ray aster, the honors went to Mrs. K. H. Addington (L. E. Wallis, Gr.). Mrs. H. F. McCormick's excellent showing of asters won the second premium and Mrs. Bryon L. Smith was third.

In the collection of dahlias, not less than eight varieties, John, T. Pirie was awarded first premium. Some of the seedlings were marvelous in coloring and size of bloom.

In the competition for honors for best collection of outdoor roses, W. C. Egan secured first premium, showing among other varieties some excellent blooms of Caroline Testout, Radiance and Florence Pemberton. Mrs. Edward S. Moore and Mrs. Byron L. Smith, who also made most creditable displays, were awarded second and third premiums, respectively.

Mrs. Stanley Field made excellent displays in both the classes for annual phloxes and salpiglossis and received first premiums for both.

In the class for calliopsis, excellent displays were made by both Mrs. E. A. Moore and H. B. Clow.

First award in the class for show dahlias went to Mrs. Byron L. Smith, who staged an exhibit of splendid blooms.

For the best arranged vase of garden roses, the first premium was given to G. A. McKinlack (Oscar Carlson, Gr.).

In the competition for best centerpiece for dining room table, Reuben Hunt was first, Mrs. Stanley Field, second, and Ralph Poole, third.

A display of African marigolds, Sutton strain, splendidly grown, attracted much attention. Competition in this class was close, and resulted in the award of first prize to R. A. Poole (G. Erickson, Gr.) with H. B. Clow (James A. Wilson, Gr.) a close second.

In the class for single dahlias, first and second awards were made to John T. Pirie and W. C. Egan (Geo. Francis, Gr.), respectively.

For the best general display of perennials, first honors went to Cyrus H. McCormick, who staged a splendid exhibit.

W. C. Egan (George Francis, Gr.) had a grand display of perennial phloxes, many of the blooms being the size of a silver dollar, and for which he was awarded a first prize. He also secured first premium for cactus dahlias in variety.

In the class for snapdragons, first premium was awarded to Mrs. H. F. McCormick.

Excellent displays were also made by W. O. Lindley (Olof Persson, Gr.), Mrs. John Chapman, A. B. Dick (F. R. Kuehne, Gr.); Mrs. F. C. Letts (L. A. Swanton, Gr.), Louis Swift, Mrs. Jas. B. Heyworth, Mrs. B. A. Eckhart, Mrs. R. H. McElwee, and others.

H. C. T.

Carnations as a Profitable Crop in Texas.

Round table discussion led by Bird Forrest, Waxahachie, Tex., at the second annual convention of the Texas State Florists' Association, Fort Worth, July 6-7, 1915.

Ladies and Gentlemen:

We feel rather doubtful of our calling in coming before you with a talk on what really amounts to growing carnations in Texas—so many of you have been in the business longer, and have had more experience along this as well as other lines. However, as I have been selected for this part, I will do the best I can.

Growing carnations for profit means growing them so as to get the very largest possible returns from the plants, with the smallest possible outlay consistent with growing good stock, and the profits will be larger if you err on the side of more attention than is absolutely necessary than they will if you are a few hours late in watering, a few days late in putting on supports, or cultivating, and neglect the red spider until it gets hold.

Our conditions are entirely different in many respects to those of our brothers further north. Our stock must be rooted much earlier to be established in the pots before the sun gets too hot, and to be ready for our earlier planting in the field. Also, the period when there are no outdoor flowers is much shorter here, so we must use every effort to get as much as possible out of our stock during our shorter period. This makes it necessary that we have heavy, stocky plants to bench; plants that will get right to work; that we give them the best of

soil in the benches, and constant care and attention; see that they are planted just the right depth; that they get enough, and still not too much water; that weeds and grass are kept pulled out, and the soil frequently stirred. Effective supports should be put on early. Given good plants at benching time, the year's returns depend on constant and prompt attention to the needs of the plants.

The varieties of carnations we now grow originated in a cooler climate than ours. The cool nights come earlier in the fall and start the plants off vigorously while ours are sweltering in the heat. This disadvantage can be overcome to some extent by close attention to watering and spraying. Can't some of you more experi-



Bridal Bouquet of White Gladioli.

By Max Schling, New York.

enced growers breed up a strain of carnation that will be, you might say, native to our climate and more resistant to our hot, dry, summer atmosphere? The proposed greenhouse at College Station would be useful along this line.

Our greatest enemies to the carnation are red spider and stem rot. Red spider is easily handled by promptly spraying with arsenic every spot where they appear; one pound to ten pounds sugar, made to a thick syrup or paste with warm water (not cooked). One ounce of this mixture to one gallon of water, put on with compressed air sprayer will keep them cleaned out. The mixture is not strong enough to be dangerous, as you would have to eat a big bunch of stems to get enough to hurt you. The past two years we have practically eliminated stem rot in the greenhouses by having our soil clean, clean benches and proper attention to watering at benching time.

We firmly believe in cement benches as the very best way to handle carnations inside. Our benches are cast in one piece, five feet wide, six inches deep, with plenty of drainage holes. When changing the soil several years ago, we emptied one bench, cleaned and whitewashed it, and filled it as we emptied the next one; that is, a man would carry out a bucket of old soil from bench No. 2 and bring back a

bucket of new soil for bench No. 1, using the same bucket. This we found would leave a small quantity of old soil with the new—enough to transfer any disease or fungus that might be in the soil. We had an attack of club root four years ago. We then adopted the method of cleaning soil out of the entire house, washing the benches thoroughly and then giving them a thorough whitewashing; also, whitewashing shovels and buckets before handling the new soil to fill the benches. This almost eliminated the trouble, but we still had a little of it. We thought possibly the infection was carried on the carnation support stakes, of which there is one to every plant. Accordingly, last season, in addition to other precautions, we soaked the stakes in whitewash. The past season we have been entirely free of it. Infection can also be carried in freesia and gladioli bulbs that are grown in carnation benches, but these can easily be cleaned by washing in formaldehyde solution. In cleaning ours, we also put them in a candy bucket and poured a teaspoonful of carbon bisulphide on them, putting a paper over the top to keep the fumes in. One or the other, or both of these plans effectively cleaned them.

No form of bench can be so easily cleaned and disinfected as the one-piece cement bench; also, it lasts a lifetime and cost of material is less than the cost of lumber to make the same bench. A cement bench five feet wide, with three rows of legs spaced four feet apart, costs less than 35 cents per running foot, including labor; gravel at \$2 per yard, cement at 50 cents per sack. We have on exhibition here a set of pictures of a cement bench in course of construction, with notes on same. We will be glad to give any information wanted to those inquiring. No, we don't want to sell you one, but just to help along. This may be considered a digression from the subject in hand, but we believe anything that tends to lessen the cost of production is pertinent to the subject, and cement benches that never need repairs, do not decay, do not hold bugs, insects and fungus diseases from year to year are certainly an item when it comes to keeping down expenses.

To get back to carnations, there are a few of the things we have found essential: Healthy stock from which to take cuttings (we do not like to pull leaves off the cuttings or top them, as both leave open wounds); an absolutely clean cutting bench, with good drainage, and clean sand. Also, we have better success without bottom heat. Cuttings spaced far enough apart to see the sand freely between each one; watered well when put in, and sprinkled lightly every sun-shiny day. Covered with papers the first two weeks on sun-shiny day; papers put on about 9:30 or 10:00 a. m., and taken off about 3:00 p. m. Our best plants have always come from cuttings put in sand December 10 to January 1.

Pay close attention to the little plants in pots; see that they are kept in good shape (we keep them in a cool house), planting to the field March 10-20; kept perfectly clean and plowed at least once a week. To get shapely plants, this is the most important time. Keep them topped and standing straight up and benched June 25 to July 10. See that they are

not planted deeper than they were in the field. If planted deeper it is an invitation to stem rot. We plant ours seven rows across a five-foot bench, 11 inches between the rows. We have had excellent success planting in soil made by high water, deposited along the creek. Any soil that will grow bloodweeds 12 to 15 feet high will grow good carnations. We haul our soil up one year ahead, put in layers five loads of soil to one of manure from cotton seed meal fed cattle. This is turned over twice to get it in good shape.

In conclusion, let me say that if you have good carnations and plenty of them and any kind of market for them, the profit will show up all right.

Albany, N. Y.

On Saturday, September 11, will be held in the common council chamber, city hall, an exhibition from the gardens of the public school children of the city. Should the council chamber be too small the overflow exhibits will be staged in Academy park, across the street. A number of prizes have been donated for the occasion by business men and citizens. It is expected that every school will be represented. A cash prize will be awarded to the school making the largest exhibit, and one to the school making the most artistic display of its work. The prizes will be awarded by Mayor Joseph W. Stevens, C. Edward Jones, superintendent of schools; Jacob Herzog, president of the board of education, and Arthur L. Andrews, corporation counsel. Children to the number of 1212 entered the contest early in the season and the number of gardens visited by Miss Virginia Hastings, superintendent of gardens of the Woman's Club of Albany which started the contest, is about 1,000. The cash prizes amount to \$178 of which Fred A. Danker, William C. Gloeckner, and Mrs. E. S. Hazelton, florists, contributed \$5 each. The influence of the Albany garden contest has reached Hudson, where next spring the women's club of that city will organize one for the school children.

Richard D. Griffin, one of the well known members of the Albany Florists' club, died at his home, 192 Second street, on the night of August 26 after a few days' illness with pneumonia. The funeral was held Sunday afternoon, August 29, and was attended by many members of the club. The Rev. Paul Birdsall, rector of Grace Protestant Episcopal church, officiated. Mr. Griffin was born in Albany 57 years ago, attended the public schools and as a young man entered the fire department under his father, who for years was a prominent fireman. He was always a lover of nature and entered the employ of the bureau of parks where he worked as an assistant gardener for several years. Following a change in local politics in 1899 he left the city service and was employed by many well-to-do families to look after their lawns and flower beds, a work he followed up to his death with increasing success. He is survived by his wife, one son, Russell P., and one daughter, Mrs. John Linden, all of this city. Mr. Griffin was in attendance at the clambake of the Albany Florists' Club on August 21 and apparently in good health.

Over 150 members, their wives, and friends attended the ninth annual outing and clambake of the florists' club at Henkes Brothers' grove, Newtonville, Saturday afternoon, August 21. The bake was opened about 4 o'clock and the guests were seated at three long tables. The sky was overcast but no rain fell until the bake was well over and some had started for home.

Among the visitors were Roman J. Irwin and wife and Henry C. Riedel, of Bagley, Riedel & Meyer, New York.

Mrs. Alfred Gwynne Vanderbilt is reported to be negotiating for a part of Erskine Park, the estate of the late George Westinghouse at Lenox, Mass. Mrs. Vanderbilt has leased Shadow brook, the placed owned by Spencer Shotter at Lenox, for the season, but is anxious to secure a property of her own. Erskine Park is a tract of 600 acres laid out in part in fine landscape effect.

From San Francisco comes the report that the state of New York has been awarded 60 medals and two honorable mentions for exhibits by the agricultural department. It is believed that the judges have not all completed their work and that more awards will also be made. R. D.

Terre Haute, Ind.

OUTDOOR STOCK IN PROFUSION.

This summer has been the most remarkable in many years. The weather has been very cool and there has been the greatest amount of rainfall in 50 years. Vegetation has never been so prolific; outdoor flowers are everywhere, and in nearly all of the yards can be seen flowers such as dahlias, gladioli, zinnias, etc., that would do credit to any florist. The largest corn crop ever known in this section will be harvested soon, but other farm crops such as hay and wheat have been damaged very much by wet weather, and as this is a center of a farming community, future business in all lines depends much on crops in general.

NOTES.

The Terre Haute Rose and Carnation Co. is building a large cement block stack. The carnations are in and are looking fine. About 40,000 feet of glass are devoted to them, and there are about an equal quantity in the field which they are selling to the trade. Manager Winton says that they are the largest plants that he has ever had in the field.

Cowan Bros. & Co. are making extensive improvements at their establishment on Twenty-first street. Mrs. Jane Cowan, mother of the proprietors, suffered severe injury in a fall down the stairs leading to the boiler room recently, breaking two ribs and suffering other injuries. She is improving slowly.

Fred Wunker has returned from a trip to Mt. Pleasant, Mich. Miss Dora Wunker has gone to the Pacific coast where she will visit the expositions and other points of interest. She will return in about two months.

Heinl & Weber, Plumb street, have just completed one new house and a nice office and entrance which makes a very nice addition to their establishment.

The Davis Gardens are preparing to build three more houses each 72 by 600 feet. They are said to have the finest service buildings in the state.

Henry Graham is building an addition to his residence on South Seventeenth street and beautifying the grounds. He has a beautiful place.

Miss Minnie Dunweg, of John G. Heinl & Son's store force, has returned from a vacation spent at Louisville, Ky., with her sister. B. S.

Connecticut Horticultural Society.

The first fall meeting of this society was held Friday evening, August 27, in the County building, Hartford. President Warren S. Mason sent word that he would be unable to be present on account of sickness, but Vice-President G. H. Hollister, superintendent of Keney park, presided over the meeting

in his stead. G. Ogren, gardener for Mrs. William H. Bulkeley, displayed a vase of Crego asters of unusual size and beauty—pink, white and lavender. The judges named by the chair were Francis Roulier, Oscar Gritzmacher, and Alfred Cebelius, who awarded the exhibit a certificate of merit.

An interesting discussion took place regarding the use of a paper collar for bleaching celery, one exponent claiming that one man could cover more plants in one hour by this method than he could hill-up in a day. These collars, so-called, are inexpensive and may be used for a number of years. Mr. Hollister commented upon the absence of the elm leaf beetle around Hartford, especially as they were so plentiful last year. He was unable to account for their absence. The meeting was well attended.

The executive committee convened at the close of the meeting to plan for the dahlia show to be held the latter part of September. Entries are being received from prominent growers, and at this writing there are indications of an unusually fine exhibition. The next meeting of the society will be held September 10. ALFRED DIXON, Sec'y.

Houston.

THE 1916 CONVENTION CITY.

One week has passed since the storm and the florists have about cleaned up the wreckage, and are beginning to rebuild. After checking up the stock we find the damage to extend to about 25 to 35 per cent. In about two or three weeks we will not know we had a storm. Everybody is working a large force of men, and will soon have things straightened out.

All the florists are enthusiastic over the S. A. F. convention for next summer. Very shortly we will name our committees, and get busy early in the game. We propose to make this a record breaking convention for the society. I firmly believe it will come right up to the best convention the S. A. F. has ever known, if it is not a record breaker. In view of the line of publicity we are going to give the convention the coming year, it will stir up interest throughout the United States, and very few of the members will feel like staying at home.

As far as trade exhibits are concerned, we have a large auditorium, and I am sure it is going to be packed to its capacity. I cite you for example our Texas State Florists' Association, which is as yet a small organization; and we were enabled to stir up enough interest to fill a good size building with exhibits. Now compare, if you please, the Texas State Florists' Association and the great S. A. F. and you will have in comparison the kind of an exhibit we will have at the 1916 S. A. F. convention in Houston.

R. C. KERR, Vice-Pres. S. A. F.

The Late Thomas A. Ivey.

Thomas A. Ivey, head of the florist firm of Thomas A. Ivey & Sons, Ltd., of Port Dover, Ont., with branches in several cities in Canada, and well-known to the florist trade in both the United States and the Dominion, was killed August 14 when a taxicab in which he was riding was struck by a locomotive. He was 68 years of age. A widow, three daughters and four sons survive, the sons being associated in the business.

OAKFIELD, N. Y.—J. J. Bates will erect a greenhouse in connection with his flower shop.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade. When sending us change of address always send the old address at the same time. Advertising rates on application. From the first issue the AMERICAN FLORIST has accepted only trade advertisements. Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday. We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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DEALERS report the glass market firm, prices having advanced about two and one-half per cent since spring and that present quotations will probably hold until late in the fall.

PRESIDENT WELCH'S haste in returning to Boston from California was explained on arrival at Chicago when it was found that the bean crop had been stricken by frost. Such a calamity is well calculated as sufficient to alarm every true-hearted Bostonian and American citizen under present distressing harvest conditions.

Funeral Flowers Must Be Burned.

The latest health regulations drawn up by the Illinois State Board of Health require all the flowers at the funeral of a person who died of a contagious disease to be burned after the body is removed from the house.

Hall at Kansas City, Mo.

A severe hailstorm accompanied by heavy rain is reported to have damaged the greenhouses of the Joseph Austin Floral Co., to the extent of \$1,000. W. J. Barnes, Thirty-eighth street and Euclid avenue, sustained a loss of 2,000 square feet of glass in five minutes.

Business Conditions.

The Central Trust Co., Chicago, says August 21: "Business conditions generally are good throughout the country and will improve as soon as the movement of crops is well under way. The best conditions are found in the western and Rocky Mountain states and the poorest conditions in the south-eastern states, in central New York, central Pennsylvania and on the western edge of the Pacific slope."

Missouri Hospitality.

A number of the San Francisco convention visitors reached Kansas City, Mo., Sunday morning, August 29, on the return trip, the party including President Welch and wife and Miss Claxton, of Boston, Mass.; A. Lange and wife, Homer Lange and M. Barker, Chicago; A. Kakuda and K. Furuya, New York. The travelers visited the establishments of Samuel Murray, W. L. Rock Flower Co., and Arthur Newell. Mr. Murray's new place was greatly admired and pronounced second to none in the country for elegance, accommodation and up-to-date equipment. Mr. Murray and wife, Arthur Newell, Henry Kusik, Fred Fromhold, of the W. L. Rock Flower Co., and the Misses Hayden welcomed the visitors. The genial Sam entertained the entire party with dinner at the Hotel Baltimore, the large oval table being handsomely decorated by the Misses Hayden for the occasion. The drive in automobiles over the city's beautiful and extensive boulevards completed the day's entertainment, which was greatly enjoyed by everyone.

Los Angeles Barbecue.

Members of the Society of American Florists and American Association of Park Superintendents, returning from the San Francisco conventions of those organizations, by way of Los Angeles, were agreeably surprised to find invitations to an auto ride and barbecue in their mail boxes the morning after arrival in the latter city. The promoters of this entertainment were H. R. Richards, representing the Los Angeles Horticultural Society, Park Superintendent Shearer, Fred Howard, Morris Goldenson, Fred Hills, Henry W. Turner, Fred Sperry, Hal S. Kruckeberg, J. Dieterich, and others representing the trade, who were joined by Mayor Sebastian in welcoming the visitors to the angel city, where as one of the travelers expressed it, heaven seemed so close that an average size man could stand on the top of one of the buildings and break a piece off the moon, which shone so clear. The visitors and their local guides assembled Thursday morning, August 26, at Howard & Smith's store, Ninth & Olive streets, and taking autos, were driven to South and Exposition parks, Doheney gardens and greenhouses, thence to Westlake, Sunset and Griffith parks, where on the famous spot reserved for

that purpose a genuine Spanish barbecue was served.

During the afternoon the party visited Busch's gardens, the Huntington estate, Eastlake and Elysian parks and Oak Knoll, where refreshments were again served. One of the novel experiences of the afternoon was a sandstorm or Santa Ana, as it is known locally, in which the furious wind was accompanied by clouds of sand and dust. The visitors sustained no material injury, however, and rather enjoyed the unusual spectacle. Mr. Richards assured the writer that the storm was not a part of the programme as some eastern residents seemed to consider it in this land of sunshine and surprises.

American Sweet Pea Society.

A committee appointed by President Gray to pass upon the sweet peas grown in Newport on account of C. C. Morse & Co., California, have awarded certificates to the following varieties: Jessie Cuthbertson, New Miriam Beaver, Duplex W. T. Hutchins.

JAMES ROBERTSON,
WILLIAM MACKAY,
CHRISTIAN M. BOGHOLT,
Committee.

German Goods Unmolested.

The daily newspapers within the past few days have given currency to the following: "All concessions that Great Britain may make to expedite shipments of American owned goods from Germany and nearby neutral territory will be regarded as unofficial by the United States. That has been decided by the president and Secretary Lansing. Their position is that all such goods, and all goods sent direct from neutral countries to United States ports, are entitled to unmolested passage, and it is the intention of the administration to make this clear to England in the note that awaits only final approval by the president and the signature 'Lansing' to make it official. Negotiations between the trade advisers of the British embassy and the state department and the representatives of the American importers are entirely unofficial. Secretary Lansing, it is learned, has refused to discuss them as head of the state department and the advice he has given Judge Fleming, who represents the United States, has been as counsellor and not as secretary."

[Our German imports include lily of the valley pips, sugar beet seeds and many kinds of flower seeds.—ED.]

Convention Bowling.

There was a good attendance at Graney's alleys, San Francisco, where the individual howling contest took place, August 19, for the Aphine Mfg. Co.'s trophy and other prizes. The contest was confined mainly to California bowlers, the visitors including W. W. Coles, of Kokomo, Ind., and George W. Smith, of Cleveland, O. Victor L. Podesta, San Francisco, was first with a total of 531; C. F. Gutting, Los Angeles, second with a total of 514 and Geo. W. Smith, Cleveland, O., third with a total of 493. The details of the scores were as follows, 12 bowlers participating:

	1st	2nd	3rd	Total
Victor L. Podesta.....	202	179	159	531
C. F. Gutting.....	181	175	158	514
Geo. W. Smith.....	177	181	135	493

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address Key 529, care American Florist.

Situation Wanted—By all-round florist, designer; German, single, 25; 10 years' experience; good references; state wages. W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 539, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—By young man, first-class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address Key 524, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—By American, 24, with life experience in roses, carnations, 'mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST, 61 W. Ontario st., Chicago.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—At once, experienced greenhouse man; must be good fern grower. RANDOLPH & McCLEMENTS, 5936 Penn Ave., Pittsburgh, Penn'a.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Carnation Growers

Who have been dissatisfied with last year's returns will find it to their interest to write us, as we think we can put you in touch whereby you can obtain better results. If you produce high-grade stock and are ready to make a change, write us, **Key 553, care American Florist.**

Help Wanted—Experienced young saleslady for Chicago loop store. Good wages to right party. Address Key 548, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter. RUGBY GREENHOUSES, Rugby, N. D.

For Sale—Up-to-date florist business, greenhouses, store and dwelling on Main street. The leading florist on the western slope; good shipping to the adjoining cities. The healthiest climate in U. S. Price and terms right. Write to Manager, GRAND FLORAL CO., Grand Junction, Colo.

For Sale—Florists' White Ice Box, 600 pounds capacity; made by Schmidt of Cincinnati; used one year; perfect condition. Cheap, if sold at once. Address Key 551, care American Florist.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175.00; f. o. b. Dayton, \$125.00, cash. Address MRS. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—Small, completely equipped and well stocked nursery in Middle West, short distance from Twin Cities. \$10,000 cash will handle. Address for further particulars Key 540, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—Greenhouse, 37,000 feet of glass, fine wholesale and retail business, good location. A snap for some live man. Reason for selling, death of husband and poor health. For further particulars, address MRS. CARL HIRSCH, Hillsdale, Mich.

FOR SALE

One house, two greenhouses, barn, sheds, three lots planted with hardy plants. Apply 362 Hudson St., Syracuse, N. Y.

FOR SALE

Established business, fruit, flowers and vegetables outdoors, 8 acres irrigated. Excellent location. Wealthy section. South side of Long Island, near water, on main state road. \$12,000, one-half cash. Owner wishes to retire. (Would take partner with \$6,000 cash.)

Willey's Farm, East Patchogue, L. I., N. Y.

Designer--Decorator--Salesman

Experienced, first-class and up-to-date, having been connected with best establishments in the country, is open for engagement. Desire to connect with high class shop, where there is an opening for a live wire of high caliber efficiency who can produce results. Address

Key XX, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Oklahoma City.

There has not been much transient or decorative business this week, but funeral calls have been more than plentiful. Particularly did the funeral of Mr. Overholzer, father of the mayor of the city, create a large call for designs and emblems. Weather conditions continue to be most favorable for all growing things. Even out-door roses are flowering profusely, a most unusual occurrence for this city in August.

The next meeting of the Oklahoma State Florists' Society has been postponed to the second Monday in September. This has been done in order that any contemplated labor day celebrations may not interfere with the meeting.

Florists here are jubilant over the fact that Houston, Texas, has been selected as the next meeting place for the convention of the Society of American Florists. It goes without saying that there will be a good attendance at that meeting from this city and state.

Lon Foster, manager of the store of Furrow & Co., intends to take his vacation about the middle of September. He will visit Kansas City and Chicago.
S. S. B.

Boston.**LOW PRICES PREVAIL.**

Although a better business tone was expected this past week on account of the visiting governors, and the many functions which were held in their honor, there was barely any material improvement in market conditions. Gladioli continue to be the most abundant flower, consequently prices are very low. Many fine spikes were sold as low as 50 cents per 100, the highest price being 25 cents per dozen. Asters are not as plentiful now as they generally are at this time of the year, on account of the heavy rains we have been having. Prices for good quality flowers are above the usual run, as the flowers bring from 50 cents to \$3 per 100. Not much that is encouraging can be said about roses. The demand for them is light, although the crop from the young plants is steadily increasing. An improvement in conditions is hardly to be expected until the bulk of the outdoor flowers is past and cool weather comes to stimulate business in general.

NOTES.

L. Merton Gage, of Natick, Mass., has a very fine looking field of gladioli at present. He has an extra fine lot of the new pink variety, Mrs. Frank Pendleton, that is in full bloom. One of the very best gladioli that he grows is his new seedling, Mrs. Dr. Norton. It is a beautiful shade of light pink of an extra large type. Mr. Gage is working on a strain of *Primulinus* hybrids, that have exceptionally delicate and harmonious colorings.

The Mycologist Club held a show at Horticultural hall, Monday, August 23. There was a very interesting display of mushrooms and fungi, showing the many edible varieties that are generally supposed to be poisonous. One specimen, which was nearly three feet tall and about 18 inches wide, attracted much attention. The finder said that it was edible, but it did not look very appetizing as it lay on the table.

Wm. Sim continues to be the largest shipper of gladioli to the Boston market. Europe and Independence are his best sellers now as America seems to have passed its best days for popularity. Panama will be more extensively grown next year on account of its good selling qualities.

The exhibition of children's gardens was held at Horticultural hall, Saturday and Sunday, August 27-28. The show was very interesting and showed the marked advance in the way in which the children are taking hold of agricultural work. Both halls were filled and many of the products shown would do credit to experienced gardeners.

Some of the finest asters coming to Boston are grown by Henry A. Stevens, of Dedham, Mass. The variety is one of his own origin, which he has been selecting and improving upon each year. Many of the flowers are as large as and closely resemble *chrysanthemums*.

John Barr, of South Natick, Mass., is awaiting the delivery of a recently purchased Ford truck, which will be used to carry his flowers to the market during the coming season. Mr. Barr is very enthusiastic about his new touring car which he recently purchased.

Max Fishelson, son of N. Fishelson, the Copley Florist, has opened a store on Winter street. With this good location and the tuition received from his father, there is hardly a doubt but that he will soon build up a good business.

Matthew Roane, the well known Waltham florist, had a narrow escape from drowning August 26, when the float upon which he was taking part at the Waltham river carnival capsized, drowning three of its occupants.
F. L. W.

Kansas City.**LOCAL STOCK SCARCE.**

Business is on the advance again both in the wholesale and retail line, all the florists reporting trade A-1 and future prospects looking brighter. Local stock is not as plentiful and good as usual, due to the heavy rains and hail storms of late, which did considerable damage to stock outside, but not so much to inside stock. The out of town stock is coming in better, especially roses, which are extra fine. Asters are holding their own. Easter lilies are still plentiful with fine large flowers. Carnations are arriving, and are fine for this time of the year. Gladioli are still on the market.

NOTES.

H. Kusik & Co. report that business is getting back into its old stride again. They are handling some fine stock. The asters and gladioli from Denver are fine and the roses are extra good and low in price, especially in pink and white Killarney, Mrs. Chas. Russell and American Beauties. The carnations are local grown and very fine. Out of town trade is good with supplies moving fast. The first of the month they will receive a carload of supplies.

J. Austin had 2,542 square feet of glass broken by the hail storm August 22, and the outside stock was damaged considerably. W. J. Barnes lost about 2,500 square feet of glass by the same storm, with considerable damage to stock, both inside and outside. A. Mohr's range was hit by the storm and he lost about 1,000 square feet of glass with a total loss of stock outside due to the heavy downpour of rain.

T. J. Noll of T. J. Noll & Co., who returned from the Pacific coast on August 25, says the trip was valuable as well as delightful. He attended the S. A. F. convention while there. The stock is better at this store in the roses, asters, lilies, etc. He is receiving some very fine carnations from Denver.

Arthur Newell reports a good week with business running along in good shape and the prospects looking good. Funeral work has been extra good.

Beidermann & Son were not damaged much by the hail but suffered a great loss to stock outside by the heavy downpour of rain.

Geo. M. Kellogg Flower & Plant Co. has a quantity of stock in roses in all varieties. The demand for funeral work is A-1.

W. L. Rock Flower Co. reports a week of good business, especially in the funeral work, which has been heavy.

Visitors: James J. Karins, representing Henry A. Dreer, Inc., and Geo. Hampton with J. G. Neidinger, Philadelphia, Pa.

E. J. B.

Wichita, Kan.**SUMMER BUSINESS AS USUAL.**

Business for July and August has followed about the usual summer routine. Funeral orders furnish the real volume, with sick-room and gift flowers for variety. Due to the unusually cool summer and ample rainfall the outdoor grown stock has done well, and the quality of asters, gladioli, dahlias, etc., is very good. Carnations with few exceptions have done well and are mostly housed and starting off fine. *Chrysanthemums* promise well, but, as usual, the earliest flowers for the stores will come from further north.

NOTES.

The special summer windows in the stores of Chas. P. Mueller and W. H. Culp & Co. attracted much favorable attention. W. H. Culp & Co.'s window was especially elaborate, depicting a woodland scene with rocky hills, flowing stream of water, waterfalls, pond, picnic party, bathing beach, etc. Care was taken to maintain proportion as far as possible. Last year, azaleas, 24-inch araucarias, etc., furnished the trees. All pots were hidden. Green sheet moss covered the ground and nothing in the way of a vase of flowers or anything to jar the naturalness was allowed in the window.

Colorado has little edge on Kansas for climate this summer. Cool weather has been the rule. At Wichita, 89° was the maximum for August and on two days only, with 46°, the lowest.

Wayne Frye, with W. H. Culp & Co., filled his two weeks' vacation with an automobile trip, swinging a circuit through Colorado, New Mexico, north-west Texas and Oklahoma.

Charles P. Mueller and wife, who have been touring the Pacific coast, midst expositions and conventions for the past seven weeks, are expected home this week.

Ferdinand Kuechenmeister is rebuilding two of his houses.

W. H. C.

Rumson, N. J.

Frank McMahon, who for a number of years has been a well known shipper to the New York market, has a large range, probably 80,000 square feet of glass. At present, roses and *chrysanthemums*, are noteworthy features. This is one of the few ranges where the Bridesmaid rose is yet extensively grown, and the stock looks fine. The landscape and bedding work on the grounds of Mr. McMahon's home are noteworthy.

William Mears has a good range. In addition to cut flowers for the wholesale trade, he grows a general stock and does a retail and landscape business. A large storage house has just being erected, the walls being of hollow tile. A good stock of various bedding plants was noted. Timothy Coffey, who is the clever foreman of this range, has a new yellow canna, a sport from Meteor, which looks very promising.
A. F. F.

Dreer's Herbaceous Peonies

We will begin to dig this season about September 15th, over one hundred thousand roots of the following choice varieties of our own growings, true to name, strong divisions, with from 3 to 5 eyes.



Double Herbaceous Peony.

	Per doz.	Per 100		Per doz.	Per 100
Asa Gray. A very distinct flower, bright lilac, sprinkled with minute dots of deeper lilac in such a manner as to appear dusted on; blooms very large; mid-season.....	\$3 50	\$25 00	L'Indispensable. Immense flowers of a delicate lilac pink with darker shading towards the center. Tall, upright grower and profuse bloomer. A very desirable late flowering variety. \$140.00 per 1000.....	2 00	15 00
Andre Lauries. Strong vigorous grower with medium sized flower of deep Tyrian rose. \$30.00 per 1000....	1 50	10 00	Lady Bramwell. A beautiful silvery-rose of fine form, a free-blooming and vigorous growing variety, together with the beautiful soft colored flowers make this one of the particularly attractive mid-season cut flower sorts. \$140.00 per 1000.....	2 00	15 00
Augustin D'Hour. Brilliant dark red with slight silvery reflex. Very large, compact, bomb-shaped flower; mid-season	4 00	30 00	Mme. Calot. One of the best of the early sorts, large flowers of a pale hydrangea pink color. Very delicate when cut in bud state. \$180.00 per 1000.....	2 50	20 00
Arthemise. A strong grower of upright habit, free bloomer in clusters, large, violet-rose with light mauve shadings. A good mid-season variety. \$140.00 per 1000	2 00	15 00	Mme. de Verneville. Beautifully formed flower, very broad sulphur white guard petals and compact white center, touched carmine. A most chaste mid-season variety. \$140.00 per 1000	2 00	15 00
Agnes Mary Kelway. A tall, vigorous-growing variety of good habit and free bloomer, light violet rose with creamy white center, mid-season, very showy. \$140.00 per 1000	2 00	15 00	Mme. Ducl. Perfectly formed globular flower, dwarf, vigorous habit, color bright silvery pink with salmon shadings and silvery reflex. Magnificent cut flower variety and fine bedder	3 50	25 00
Couronne d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals. Strong upright growth; one of the choicest late flowering varieties. \$225.00 per 1000	3 50	25 00	Marie Jacquin. A variety especially adapted for landscape work, flowers semi-double, almost pure white with the yellow stamens partly visible in the center. Very aptly named "Water Lily Peony." \$140.00 per 1000	2 00	15 00
Charlemagne. A very vigorous grower with strong stems and large compact, globular flowers. Lilac-white with a slight blush center. \$100.00 per 1000.....	1 75	12 00	Mme. Boulanger. A very choice delicate colored variety; in form not unlike a decorative cactus dahlia. The flowers of a soft lilac tinted white are formed of broad, regularly arranged petals of great substance, greatly enhancing the lasting qualities	5 00	40 00
Canary. One of the freest blooming varieties, of medium size; pure white guard petals with amber white center. \$100.00 per 1000	1 75	12 00	Meissonier. Large convex blooms on long stems, guard petals brilliant purple red, centre deep crimson. A splendid self-colored variety. \$140.00 per 1000.....	2 00	15 00
Delachel. Very large cup-shaped flowers, deep crimson-purple, a strong grower and free blooming mid-season variety. \$140.00 per 1000.....	2 00	15 00	Mons. Jules Elie. Probably the largest flowered Peony in cultivation; color pale lilac-rose with silvery reflex. Strong grower, pleasing fragrance and early.....	6 00	45 00
Duke of Wellington. An ideal cut-flower variety, large, well-formed flowers on long stiff stems, color sulphur-white, quite fragrant, one of the finest mid-season sorts. \$100.00 per 1000.....	1 75	12 00	Ne Plus Ultra. Semi-double, pure mauve, early to mid-season variety. \$90.00 per 1000.....	1 25	10 00
Duchesse de Nemours. Superb cup-shaped flowers of sulphur-white changing to pure white. Particularly beautiful in the half-open bud state. \$100.00 per 1000	1 75	12 00	Princess Galitzin. Medium size pale lilac rose colored flowers in clusters, center of bloom composed of many narrow threadlike creamy white petals. \$140.00 per 1000	2 00	15 00
Dr. Caillat. Blooms on long stems, brilliant Tyrian rose. A very striking late flowering variety.....	3 00	20 00	Queen Victoria. A strong growing pure white variety with creamy white center. One of the most popular standard cut flower varieties. \$90.00 per 1000.....	1 50	10 00
Duc de Cazes. Another of the really first-class Peonies for all conditions, never failing to produce an abundance of flowers for Memorial Day. Upright growth with large flat flowers of perfect shape, fine bright pink shaded violet, lighter center and silvery reflex. \$100.00 per 1000.....	1 75	12 00	Rosea Elegans. Tall upright habit; color pale lilac-rose with creamy white center, pleasant fragrance. \$140.00 per 1000	2 00	15 00
Edouard Andre. Compact growing variety, with globular semi-double flowers of dark carmine violet with metallic reflex, and golden yellow stamens. \$100.00 per 1000	1 75	12 00	Reine des Roses. Early, medium-sized compact flowers of bright violet-rose with lighter shadings in the centre. \$140.00 per 1000.....	2 00	15 00
Edulis Superba. The earliest variety in our collection, being frequently a week ahead of any other sort, making it particularly valuable for Decoration Day sales in late seasons or in latitudes where other sorts will not bloom previous to that date. Also a variety which has done well, blooming freely under the most adverse conditions. Flowers of a deep rose pink with lighter shadings. \$180.00 per 1000.....	2 50	20 00	Victoire Modeste. Very large flowers of bright lively violet-rose with salmon center. \$100.00 per 1000.....	1 50	10 00

The following Early Flowering Varieties in Imported Stock Ready Early in October.

Officinalis (Mutabilis) Alba. Blush white. \$1.50 per doz.; \$10.00 per 100	Tenuifolia flore plena (Fern-leaved). Double crimson	2.00 per doz.; 15.00 per 100
Officinalis (Mutabilis) Rosea. Soft pink. 1.50 per doz.; 10.00 per 100		
Officinalis Rubra, Crimson 1.25 per doz.; 8.00 per 100		

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above is intended for the trade only.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--GLADIOLI--ASTERS--BEAUTIES

White and Yellow Mums-Gardenias-Easter Lilies

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$3.00
36 in.....	2.50
30 in.....	2.00
24 in., young stock.....	1.50

Mrs. Chas. Russell

40-48 in., per 100.....	\$15.00
30-36 in., ".....	12.00
20-24 in., ".....	\$8.00 to 10.00
Shorter, ".....	\$8.00, \$4.00, \$6.00

Hoosier Beauty

	Per 100
HADLEY } Long....	\$8.00 to \$10.00
OPHELIA } Med....	4.00 to 6.00
SUNBURST } Short...	3.00
BRILLIANT }	
FRANCIS SCOTT KEY	6.00 to 12.00

MILADY	}	Per 100	
RICHMOND		Extra long.....	\$8.00
BULGARIA		Long.....	6.00
AARON WARD		Medium..	\$4.00 to 5.00
KILLARNEY		Short....	\$2.00 to 3.00
WHITE KILLARNEY			
KILLARNEY QUEEN			
CECILE BRUNNER, also called Sweetheart			
Roses.....		per 100, \$2.00	

MISCELLANEOUS

Golden Glow Mums.....	per doz., \$1.50 to \$2.50
October Frost.....	" 1.50 to 2.50
	Per 100
Asters, short and medium.....	2.00 to \$3 00
Fancy, extra long.....	4.00
Daisies, Shasta.....	1.00
Gladioli.....	3.00 to 4.00
Gaillardias.....	.75 to 1.00
Gypsophila, per bunch.....	.50
Smilax.....	doz. \$2.00
Plumosus and Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, per 1000.....	\$1.25 .20
Leucothoe.....	.75
Mexican Ivy.....	per 1000, \$6.00 .75

CATTLEYAS

Per Doz.....	\$7.50 to
--------------	-----------

GARDENIAS

Per doz.....	\$2.00 to
--------------	-----------

EASTER LILIES

Per 100.....	\$1.00
Per Doz.....	\$2.00

LILY OF THE VALLEY

Fancy, per 100.....	\$3.00
2nd.....	\$3.00 to

CARNATIONS

Medium, per 100.....	\$1.00
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FERNS, NEW CROPS

Per 1000.....	\$1.00
Per 100.....	\$1.00

Flowers for Trimming

Assorted lots.....	\$1.00 and
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Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock.

FLORISTS' SUPPLIES

Special on Cycas Leaves

Just what you want for base work in designs and wreaths, 8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish. Cycas Leaves, in assortment, 12 to 40 inch, per 100, \$7.00.

Daylite Glass Cleaner,	Paints,	Liquid Putty
Glazing Points, Etc.,	Fertilizers,	Bamboo Stakes
Galvanized Rose Stakes,		
12 Bales Moss,	-	\$10.00.

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

Long Distance Phone, Randolph 35. CHICAGO, ILL.

Grand Clean-Up Price on Rose Plants

GRAFTED, 3½-inch Stock.	Per 100	OWN ROOT, 3½-inch Stock.	Per 100	GRAFTED, 2½-inch Stock.	Per 100
325 Bulgaria.....	\$14.00	137 Bulgaria.....	\$9.00	325 Bulgaria.....	\$10.00
Cecile Brunner.....	14.00	65 Cecile Brunner.....	9.00	500 Bulgaria.....	\$5.50

Field-Grown Carnation Plants, A1 Quality

	Per 100	Per 1000		Per 100	Per 1000
10,000 Eucharis.....	\$6 00	\$50 00	3,000 Beacon.....	\$6 00	\$50 00
10,000 Philadelphia.....	6 00	50 00	10,000 Champion.....	6 00	50 00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
 Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS

Kentia Belmoreana			
Single Plants			
inch pots.	leaves.	in. high	Each
5 to 6	18		\$0.40
\$4.50 per dozen.			
6 to 7	24		1.00
6 to 7	28 to 30		1.50
6 to 7	32 to 34		2.00
6 to 7	36		3.00
6 to 7	38		3.50
6 to 7	48		5.00
6 to 7	58 to 60		7.00
Specimens, \$15.00 to \$50.00.			
Kentia Belmoreana			
Made-up Plants			
in. pots	3 plants in a pot	24 in. high	\$1.50
in. pots	3 plants in a pot	38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.			
Kentia Forsteriana			
Single Plants			
inch pots.	5 to 6 leaves.	18 to 20 in. high	\$0.40
\$4.50 per dozen.			
inch pots.	5 to 6 leaves.	28 to 30 in. high	1.00

Kentia Forsteriana			
Made-up Plants			
inch pots.	plants in a pot.	in. high	Each
7	3	28 to 30	\$2.00
7	3	36 to 38	2.50
7	4	38 to 40	3.00
8	4	38 to 44	3.50
8	4	50	5.00
8	4	56 to 58	6.00
10	4	5 ft. high	8.00
12	4	5 to 5½ ft. high	10.00
12	4	6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Phoenix Roebelenii		Each
5 inch pots.	3 plants in a pot.	\$1.00
7 inch pots.	22 in. high 30 to 32 in. spread.	2.00
7 inch pots.	26 in. high, 34 to 36 in. spread.	2.50
8 inch tubs.	grand specimens.	3.50
10 inch tubs.	grand specimens.	5.00 to 7 00
Areca Lutescens		
6 inch pots.	3 plants in a pot.	1.00
7 inch pots.	3 plants in a pot.	2.00
8 inch tubs.	5 plants in a tub.	3.00
Aspidistra Lurida		
Green.	5 inch pots, 10 to 12 leaves.	1.00
Variogated.	5 inch pots, 10 to 12 leaves.	1.50
Dracaena Massangeana		
5 inch pots.		.75
6 inch pots.		\$1.00 to 1.25

QUALITY PLANTS

FERNES.			
Boston, Roosevelt and Whitmani			
inch pot.	Each	100	Each
1	\$0.25	\$23.00	8 inch pots, \$1.00
1	.50	45.00	10 inch pot..\$2.00 to \$2.50
1	.75		12-inch pot.. 3.00 to 3.50
CROTONS.			
Very Fine Colored Stock			
inch pot.		\$0.25	\$23.00
inch pot.		.35	30.00
inch pot.		.50	45.00
inch pot, strong.		.75	70.00
inch pot.		\$1.00 to	1.50
CYPERUS ALTERNIFOLIUS.			
Umbrella Plant			
inch pot.		\$8.00 per 100	

ARAUCARIA EXCELSA		Each
5 inch.	2 to 3 tiers.	\$0.50
5 inch.	3 to 4 tiers.	.60
6 inch.	4 tiers.	.75
7 inch.	4 to 5 tiers.	1.00
7 inch.	5 tiers.	1.50
ARAUCARIA ROBUSTA COMPACTA		
6 inch.	2 to 3 tiers.	\$1.00
6 inch.	3 tiers.	1.50
6 inch.	3 to 4 tiers.	2.00
6 inch.	5 to 6 tiers.	\$4.00 to 5.00
PANDANUS VEITCHII.		
Highly Colored Stock		
4-inch pot.	\$0.35	\$30.00
5-inch pot.	.50	45.00
6-inch pot.	.75	
6-inch pot, strong.		\$1.00
7-inch pot.		1.50
8-inch pot.		2.00

CYCLAMEN. Best German Strain.	
3-inch pot.	\$ 8.00 per 100
4-inch pot.	15.00 per 100
4-inch pot, select.	20.00 per 100
Seedlings from Flats.	3.50 per 100
SMILAX	
2¼-inch pot.	\$2.50 per 100; \$23.00 per 1000
3-inch pot.	4.50 per 100; 43.00 per 1000
CALADIUMS, Fancy Leaved.	
5 and 6 in. pots.	.25c, 35c, 50c, 75c and \$1.00 each
ASPARAGUS PLUMOSUS	
2¼-inch pot.	\$3.00 per 100; \$28.00 per 1000
3-inch pot.	6.00 per 100; \$55.00 per 1000
BEGONIA CHATELAINE.	
4-inch pot.	\$15.00 per 100

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

Fancy Lilies, in lots of 50 or more at the rate of \$6.00 per 100.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials extra long stems.....		\$2 50
30 in. stems.....		2.00
18-24 in. stems, New Beauties.....		\$1.00 to 1.50
Shorter lengths.....	per 100.	\$3.00 to \$6.00
Russell		Per 100
Specials.....		\$12.00
Extra long.....		\$8.00 to 10.00
Good medium.....		6.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100
Extra long.....		\$6.00
Medium.....		4.00 to 5.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00
Medium.....		\$4.00 to 5.00
Short.....		3.00

Cecile Brunner.....per bunch, 25c

Choice EASTER LILIES.....	\$1.00 per doz.	6.00
LILY OF THE VALLEY.....		4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGERI.....		2.00 to 3.00
FERNS, new Wisconsin.....	1000,	\$1.50
ADIANTUM.....		1.00
GALAX, bronze and green.....	per 1000,	\$1.00

ROSES in lots of 300 or more at the rate of \$20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

TRADE MUCH BETTER.

The climax of a summer of topsyturvy rainy weather came Monday, August 30, when the local weather bureau registered the coldest August day in twenty-eight years. At five o'clock that morning the mercury stood at 47.2 degrees, the same figure recorded August 26, 1887. The month arrived with wet feet and departed at midnight August 31 with frost-bitten fingers. Everyone is asking who shuffled the calendar and made a misdeal, temperately speaking, by shoving November in after July. The cold spell seemed to help business considerably, for stock in all lines has sold better this week than it has for some time, and even gladioli, which have been a glut on the market for several weeks, cleaned up surprisingly well at better prices. Roses have sold unusually good, especially Mrs. Chas. Russell, which are reported scarce at times, but the scarcity of this variety was not due to a shortening up of stock so much as it was to the increased demand. Some especially fine Killarney Brilliant, Hoosier Beauty, Sunburst, Ophelia and Milady are obtainable, and the same holds good for all the roses which are in good supply but are moving satisfactorily. American Beauty roses are in fairly good demand and fancy stock in the longer stemmed grades is obtainable. Chrysanthemums are more plentiful, both white and yellow, but are selling well at good prices. Orchids are none too plentiful, and lily of the valley was never so scarce as it is at present, and in many instances fancy stock is bringing as high as \$5.00 per 100 right in the city. Asters are still arriving in large numbers, and some good stock is to be had in this line. Dahlias are of better quality but are none too plentiful. Outdoor stock in

general is not as plentiful as it has been, and a few more cold nights like those experienced this week will soon put an end to this stock, which no one will regret, for there is plenty of indoor stock to move now without handling this kind of stock. Indoor carnations are arriving in larger quantities, and while they are still a little short in stem they are in good demand and cleaning up well at good prices. Lilies are plentiful. Taken all in all, there is a healthier tone to the market than there has been for some time, and while stock is not scarce a few brisk days would find the market pretty well cleaned up.

NOTES.

John Poehlmann has made so many trips to Poehlmann Bros. Co.'s greenhouses at Morton Grove in his automobile with trade visitors the past season that he feels it will not be necessary to go along in the future, for his Winton Six knows the trail itself pretty well by this time. Mr. Poehlmann and son John, Jr., have returned from a pleasant trip out west, where the latter was enrolling students for the Culver Military Academy, at Culver, Ind. He will now assist his father at the wholesale store at 72-74 East Randolph street.

H. J. Weiland and wife, Denver, Colo., are visiting relatives at Evanston this week. He is a son of M. Weiland and a brother of George Weiland, the well known retail florist. Mr. Weiland is engaged in the wholesale business at Denver, and is getting along splendidly, and says that he had the pleasure of having Emil Reichling and Arthur Weber in his car when the visiting florists to the Panama-Pacific convention were entertained by the Denver florists at the Hotel Metropole, Denver, Colo., August 14.

A. I. Simmons, 242 West Sixty-third street, has returned from Dixon, where he has been acting as depot quartermaster for the troops that have been in encampment there for the past seven weeks. When it comes to feeding a large number of people on short notice one has simply got to take off his hat to Captain A. I. Simmons.

John Canger has returned from the east where he visited the leading retail stores in all the principal cities. He had the pleasure of seeing a sister in Buffalo, N. Y., whom he had not seen for nearly 20 years, so one can imagine what a pleasant meeting it was.

Wietor Bros. are cutting a large supply of Killarney Brilliant roses this week in addition to their regular line of stock. N. J. Wietor's youngest son, Harry, was operated upon this week for tonsillitis at the Chicago Union hospital.

Ernest Farley is visiting old acquaintances here this week. He has been employed at Minneapolis, Minn., and Aberdeen, S. D., the past year.

J. A. Budlong is cutting from a nice crop of roses and is showing some particularly fine Ophelia and American Beauties at the store.

Fred. Hoehstra, superintendent of Freyling & Mendel's greenhouses, Grand Rapids, Mich., is visiting friends here for a few days.

The annual Schobermesse of the Luxemburger Bruderbund will be held at Karthausers Grove, Sunday and Monday, September 5-6.

Mrs. Horton, of the Bassett & Washburn office force, is back from her vacation and is again on duty at the store.

Morris Grossberg, with Percy Jones, has returned from a successful Wisconsin business trip.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CHICAGO
CENTRAL 2846.

HEAVY SUPPLY

FANCY OPHELIA ROSES

Also choice American Beauty, Russell, Killarney Brilliant, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Plnk Carnations.

Buy Direct From The Grower.

Subject to Change Without Notice.

Current Price List

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

- Richmond.....
- Killarney.....
- White Killarney.....
- Killarney Brilliant.....
- My Maryland.....
- Sunburst.....
- Milady.....
- Ophelia.....

	Per 100
Extra select.....	\$7 00
Select.....	6 00
Medium.....	5 00
Short.....	\$3 00 to 4 00

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection..... \$3.00

	Per 100
Asters.....	\$ 1 00 to \$ 3 00
Carnations.....	1.00 to 3.00
Harrisii.....	10 00 to 12 50
Gladioli.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 00 25

2,000,000 Feet of Modern Glass

The wholesale store occupied by Sinner Bros. and M. C. Gunterberg has just been redecorated and presents a most inviting appearance. John Sinner just received a card from Miss Gunterberg, who is traveling with Nettie L. Parker, of A. T. Pyfer & Co., which reads that they are having a delightful time in California and Mexico. Mr. Sinner smiles when he reads that they are in Mexico and is willing to gamble that they are not very far into that country—near the war zone at least.

O. P. Bassett, senior member of the firm of Bassett & Washburn, and wife left for their home at Pasadena, Calif., over the automobile route, Monday, August 30. They will go via of Denver, Colo., over the old Santa Fe trail, taking in the Grand Canyon and petrified forest, arriving home about September 25. They made the trip from Pasadena to this city in their car and found it so pleasant and interesting that they decided to return home in their Packard over a different route.

Dan Lubliner will hereafter be in charge of the William Lubliner store at 41 South Wabash avenue. William Lubliner will look after the Milwaukee, Wis., store in the future and it is rumored that the change is more to his liking for there is some other attraction outside of the florist business that draws him to the Badger city. The big event is rapidly approaching so one need not be surprised to hear one of these days that he has joined the ranks of the benedicts.

Frank Ayres is back on the job at Chas. W. McKellar's store after enjoying a pleasant vacation. He is quite an outdoor fan and spent most of his time on the golf links and at the bathing beaches, but adds that an overcoat was more comfortable than a swimming suit as far as taking a dip in Lake Michigan was concerned the past few days.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

The A. L. Randall Co. has its new basement space well stocked up with supplies outside of the room that is not taken up with the wire workers and basket-makers. Frank Johnson is well pleased with this space, which is almost as light as the main store on the second floor.

Miss O. A. Tonner and her mother left September 1 for Minnesota and South Dakota to visit friends and relatives for a few weeks. Her sister, Anna, will have charge of the office duties while she is away and Henry Arnold, her able assistant, will look after the welfare of her customers.

Chas. Erne says that gladioli moved better at Erne & Klingel's store this week than they have for some time and that stock cleaned up pretty well. His firm is now showing a good supply of aster mums.

George Wienhoeber is making very attractive window displays at his South Wabash avenue store and one in particular that attracted much attention was the magnificent showing of orchids, August 27.

CUT FLOWERS

Everything Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.
ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

\$27.65, Boston and Return.

Daily until Sept. 30, the Wabash will sell summer tour tickets from Chicago as above. Corresponding rates to many other eastern points. A copy of Wabash summer tour book giving full details will be mailed free for the asking. F. H. Tristram, Assistant General Passenger Agent, 808 Edison Building, Chicago.

Chas. Siebrecht, of Winona, Minn., bought a new Buick while he was in the city last week.

Joseph Clarkson, of Manistee, Mich., visited friends here this week.

A. L. Glaser, of Dubuque, Ia., was in the city August 30.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

Schiller the Florist had the order to decorate the Arcadia Hall for the North Shore Exposition, which is quite a society affair and is attracting large crowds each day. Herman Schiller, who has charge of the North side store, has 10 society girls selling flowers in the hall, the proceeds of which he is donating to the Civil War Veterans' fund. H. Van Gelder, of Percy Jones, had the pleasure of attending the affair and pronounced the decoration as a very elaborate one and the Shiller help to the event is greatly appreciated.

Mrs. Frank Schramm died at the home of her son-in-law, Wm. Koehler, at Des Plaines, Monday, August 30, at 5:45 p. m., at the age of 79 years. She is the mother of Fred and Chas. Schramm of Park Ridge, and Frank Schramm of Crystal Lake, who are well known to the trade, for they have been operating greenhouses in this vicinity for some time. The funeral will be held from the Koehler residence at Des Plaines, Thursday, September 2, at 1 p. m., and burial will take place in the Town of Main cemetery, Park Ridge.

President Welch, of the Society of American Florists, and wife, reached this city August 30 with their friend, Miss Claxton, returning from the San Francisco convention. The party and some local friends were entertained at dinner by August Lange and wife at the Illinois Athletic Club, Monday evening, the Bostonians resuming their journey homeward Wednesday.

The Chicago Flower Growers' Association is showing a fancy grade of asters at its Michigan avenue establishment, as well as a fine supply of Milady roses. Miss Florence Schriener and Michael Fink have returned from their vacations and are again attending to their duties at the store.

Ralph Southerton, eight-year-old son of R. J. Southerton, was run down near Highland Park by an automobile carrying Mrs. Burridge E. Butler and a party of friends. The boy was riding a bicycle when the heavy touring car struck him and he died an hour after being removed to the hospital.

The Poehlmann Bros. Co.'s range at Morton Grove, was visited this week by President Welch, who critically examined every feature of this mammoth establishment, including the plant, cut flower and service departments and said he had never seen a commercial stock in finer condition.

The Bohannon Floral Co. decorated three carts for the Horse show held at the Lake Forest country fair Saturday, August 28. The Horse show is always a big event at Lake Forest and practically all the carts entered were beautifully decorated with cut flowers for this occasion.

Emil Reichling, superintendent of the Peter Reinberg greenhouses, and Arthur Weber have returned from San Francisco, Calif., where they attended the S. A. F. convention and took in the sights at the Panama-Pacific exposition. They both report the best time ever.

EXTRA FINE MILADY ROSES

This stock will make your customers buy.

RUSSELL-WARD--KILLARNEY BRILLIANT
OPHELIA-KILLARNEY-WHITE KILLARNEY.

Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Zech & Mann received a consignment of fish this week from Allie Zech and his wife, who are spending their vacation at Tomahawk Lake, Wis. The shipment consisted of pickerel, bass and wall-eyed pike.

Lawrence Mathes, with the Shotwell Floral Co., Fargo, N. D., is visiting old acquaintances here this week. He was at one time employed at the Weiland & Risch and Hoerber Bros. wholesale establishments.

John Mangel, the Palmer House Florist, is overhauling his entire store and when the alterations are completed he will have as pretty a place as there is in the city.

R. G. Simmen and wife, of La Salle, were in the city August 27 when A. L. Vaughan and daughter Thelma gave them a ride about the city in their new automobile.

C. A. Haskins, of Trimble, O., passed through the city this week on his way to San Francisco, Calif., where he will take in the sights at the Panama-Pacific exposition.

The John Kruchten Co. is handling a large quantity of Golden Glow chrysanthemums and a fancy grade of Ophelia, Hoosier Beauty and Mrs. Chas. Russell roses.

A. L. Vaughan & Co. have a good call for fancy American Beauty roses this week which they are handling in quantity in addition to a complete line of other stock.

At South Chicago the school garden movement has doubled its home gardens this season, now 1,362 in number. The United States Steel Mills are located here.

T. E. Waters had a pleasant visit from his old employer, Patrick Welch of Boston, Mass., this week, and it is needless to add that he appreciated it very much.

E. C. (Elastic—Lyke) Pruner is back from an out-of-town business call for Poehlmann Bros. Co. and will start out again in a few days on his regular fall trip.

Miller & Musser are handling a nice line of stock now and have made ar-

Three Through Sleepers Chicago to the Southwest.

The Wabash Road now operates a through sleeper from Chicago to Hot Springs, Ark., leaving Chicago at noon; one to El Paso, Texas, leaving at 9:17 p. m. If interested write or telephone City Ticket Office, 68 W. Adams Street, for reservations and further details.

rangements with a large chrysanthemum grower to handle his output this season.

Ed. Armstrong, of the George Wittbold Co., and his mother, have returned from a delightful visit at Bangor, Mich.

A. Lange, wife and son, Homer, have returned from San Francisco, Calif., where they attended the S. A. F. convention.

The Chicago Florists' Club will meet at the Bismarck Hotel Thursday, September 9, at 8 p. m.

The E. C. Amling Co.'s store looks 100 per cent better since it has been enlarged.

Visitors: K. Furuya and A. Kakuda, of the Yokohama Nursery Co., New York; Thos. Hall and wife, Minneapolis, Minn.

SPENCERPORT, N. Y.—H. E. Rogers & Son are erecting a greenhouse on Union street.

INDEPENDENCE, MO.—Frank J. Zaun has established a five-acre peony farm on a tract of land near this city.

BLYTHEVILLE, ARK.—Fully 1,000 acres of sunflowers are being cultivated in Mississippi county. The seed is used largely for poultry feed.

INDIANAPOLIS, IND.—Elisha J. Howland, one of the best known horticulturists in the state died at his home in this city, August 23, aged 88 years.

WATERLOO, IA.—The display of flowers and plants during the Homecoming festival held in this city was one of the most extensive ever witnessed in this part of the state.

BEAUTIES

Large Quantity of Unusually Well-Grown Stock.

**Roses - Asters - Lilies - Orchids
Carnations - Gladioli - Valley - Etc.**

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES:

Central 2571
2572
Auto. 48-734

Chicago

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Randolph 6269.

CHICAGO, ILL.

Ft. Wayne, Ind.

BRIGHT WEATHER AND STOCK IMPROVES.

We have been experiencing a very unusual occurrence during the past week. No rain has fallen within the week and the florists and agriculturists alike are beginning to take new heart with their outdoor crops. Gladioli are more than plentiful and are correspondingly cheap. One dollar per hundred buys the choicest varieties. Asters bring 50 cents per dozen retail, and are of enormous size, but do not sell as readily as they might in the florists' shops owing to the extremely low prices quoted at the local vegetable market.

Indoor stock is coming on very fast. Roses hold the lead and are showing up well in large quantities and of good proportions. The chrysanthemum has made her debut in the local flower stores. These are the Golden Glow variety and retail at \$3 per dozen. Carnations are coming on nicely but in small quantities. Greens of all kinds are quite plentiful.

NOTES.

A large new McCray refrigerator is being installed in the Flick Floral Company's store this week. The store is being redecorated and thoroughly cleaned and gotten into shape for the fall business. A new auto delivery car has been ordered for fall delivery.

A handsome new auto delivery car arrived at the range of W. J. and M. S. Vesey last week. The fall business is already well under way at the Vesey greenhouses and the stock is in prime condition.

The Lanternier Flower Store has some especially fine Golden Glow chrysanthemums on display. They report the demand good, especially for early fall weddings and decorations.

Recent visits of the stork were made to Mr. and Mrs. Dick Vesey, where he left a fine rousting boy, and to Mr. and Mrs. David Vesey, to whom he presented a baby girl. H. K.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Minneapolis, Minn.

MARKET CLEANS UP NICELY.

The market the past week has been kept cleaned up pretty well. The weather is cool and the people are returning from the lakes. There have been numerous social functions and an abundance of funeral work. Roses bring from two to eight cents, American Beauties from six cents to 25 cents, asters from 50 cents to \$1.50 per 100, gladioli from 75 cents to \$2.50 per 100, sweet peas from 10 cents to 25 cents per 100, and lilies from 5 cents to 8 cents. Lily of the valley is quoted at 5 cents and is scarce.

NOTES.

About 75 members of the trade and their families and friends enjoyed the

hospitality of Hans Rosacker at his place on Stinson boulevard, August 25. The afternoon was spent in games, and also a game of soccer ball between Messrs. Taylor's and Desmond's nines. The score was: Desmonds, 33; Taylors, 15. Ralph Latham was taken out as umpire, and H. E. Philpott of Winnipeg finished.

C. A. Smith, an old time florist for 40 years in Minneapolis, and former owner of the Donaldson greenhouses, passed away at Fargo, N. D., August 23, aged 86 years. The funeral was held at Lakewood chapel, August 26. A large number of the florists attended. There was a large number of handsome floral offerings.

A. F. Longren, of Poehlmann Bros. Co., Chicago, was in town with a bunch

LARGE YELLOW 'MUMS-BEAUTIES

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

VALLEY--HARRISII--ASTERS--besides

ANYTHING AND EVERYTHING THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

You can increase your profits and business by sending your orders to

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

of new anecdotes for the trade, but Wm. Marks, of A. A. Arnold Paper Box Co., of the same city, has him beaten telling stories.

Max Kaiser, of Merriam Park, is sending Oscar Amundson some extra fine Golden Glow chrysanthemums, which find quick sale at \$6 per dozen retail.

L. R. Bever and wife, of Bever Flower Shop, Excelsior Springs, Mo., stopped off for a short visit on his return from the Pacific coast.

Chas. Olson, of Atlantic, Ia., and family are spending two weeks visiting at the home of C. G. Anderson.

Hiawatha Gardens are sending in nice American Beauties and Ophelia roses, which bring the top price.

W. H. Bofferding is busy arranging for the flower exhibits at the state fair horticulture building.

Phil Foley, Chicago's heavyweight, is in town full of business as usual.

Rice Bros. have added a new car to their delivery service. T. C. R.

Cleveland.

FUNERAL ORDERS CLEAN UP MARKET.

There is not much change in local market conditions this week from last reports. Enough stock to meet all requirements is to be had at all times. Several very large funeral orders during the week cleaned up the market of nearly everything excepting asters and gladioli. Lily of the valley, American Beauties, orchids and the better grades of pink roses were very much in demand. There is a lot of mildew on roses at present. A few of the first indoor carnations have arrived, but will not be a factor for some time to come. Dahlias are becoming more plentiful. Lily of the valley ran short of the demand.

NOTES.

Ptomaine poisoning did not prevent Miss Katherine Rabe, 19, from marrying John F. Brotz, florist, at 9724 Lorain avenue. She was too ill Tuesday to go for a marriage license. Friends expected a sick bed ceremony at her home, 2028 West 89th street, but Wednesday Miss Rabe and Mr. Brotz were married in the usual way.

Frank Ritzenthaler, of Knoble Bros., is back from his trip to the coast and has reported for duty. He tells of a most enjoyable trip.

The salesrooms of the National Basket Co. on Huron road were beautifully

BASKET BARGAIN

ASSORTMENT

25

Small Cut Flower Baskets
Including Liners

\$7.50



This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

decorated with flowers during their opening this week.

F. Witthuhn is building a brick addition to his store on West 25th street.

C. F. B.

St. Louis.

The weather at this time of writing is decidedly cool and this will cause a quick return of those in northern resorts. Theaters are now opening up their fall season, and it is to be hoped that retail trade will pick up and again become normal. Stock of all kinds is plentiful. The cool nights will improve carnations, and roses are beginning to show better color. There is good demand for greens.

NOTES.

Vincent Gorly has returned from San Francisco and speaks very highly of the reception given members of the S.

A. F. His firm has added a handsome delivery car to their equipment.

Kalisch Bros. have remodeled and painted their store, which is located on a prominent corner, and when the season opens is a hummer.

The Wm. C. Smith Wholesale Floral Co. has a fine supply of ferns, plants, etc., as well as roses and other flowers.

Mike Mitchell, who for a while had a store on Grand avenue, is now taking life easy, visiting all the city parks.

The growers have invited all the wholesalers to their next meeting to discuss Sunday closing.

Mullanphy Florists' windows were beautifully decorated with seasonable flowers last week.

George H. Angermueller is very busy getting ready for fall trade.

E. L. Rodgers is busy making up special designs this week.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. F. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS
160 N. Wabash Ave., Chicago
Long Distance Phone: Randolph 6784

MILLER & MUSSER

Wholesale Florists
179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**
Telephone: Randolph 2758
Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

H. G. Berning is receiving some good asters, as well as roses.
Otto Sander is one of our most artistic window dressers.
F. C. Weber has returned to the city.
Visitors: J. J. Karins, representing H. A. Dreer, Inc., Philadelphia, Pa., and Dr. Halsted, of Belleville, Ill.
W. F.

Baldwin, N. Y.

M. Matheron, who some years ago became well known as the carnation grower at the Cottage Gardens, Queens, N. Y., now has a fine range here. His range can be reached from Baldwin, Hempstead or Freeport, but whichever way visitors go, they should take an automobile if they can afford it—as it is some distance from the transportation lines. His houses are new, well constructed and large, and he has a great stock of carnations coming on. One of the oldest and best carnation growers of Long Island has said that Matheron as a carnation grower, cannot be beat.

George T. Schunemann has long been noted as a grower of sweet peas. His orchid flowering peas have been exhibited and won prizes and certificates of merit at various shows and are well known and popular with the members of the New York Florists' Club.

P. Hoehel, who was formerly a foreman for George Peters & Sons, of Hempstead, about two years ago, is located near the Matheron range. He has a large house planted with a fine stock of carnations. A. F. F.

SHELburnE FALLS, MASS.—P. R. Burt has purchased the Fife greenhouses and is making improvements with a view to entering the florist business here.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.
174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.	
Roses, Beauty, speciala.....	\$3 00
" " 36-in.....	2 50
" " 30-in.....	2 00
" " 24 in.....	1 50
" " 20-in.....	1 00
" " 15-in.....	75
" " 12-in.....	50
" Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 3 00
Castleyaa.....per doz.,	4 00@ 6 00
Gardeoiaa.....per doz.,	3 00@ 4 00
Chrysaothemums.....per doz.,	\$2.00 to \$3.00
Gladioli.....	2 00@ 8 00
Lilium Harrliai.....	10 00@12 50
Sweet Peas.....	75@ 1 50
Valley.....	4 00@ 5 00
Adiantum Croweanum.....	1 00@ 1 50
Ferna.....	1 50@2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000,	5 00@6 00
Plamoxus Strings.....each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sorengerii, Plamoxus Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

ZECH & MANN

Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.
Wholesale Cut Flowers,
Florists' Supplies.

Wieter Bros.

Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago
Mention the American Florist when writing

George Reinberg

Wholesale Florist
Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.
162 N. Wabash Av., CHICAGO

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.
We sell anything you manufacture or grow. We buy anything you need. Write us today.



Mention the American Florist when writing

FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED	
100	1000	100	1000	100	1000	100	1000
Alice.....	\$15.00	Dorothy Gordon.....	\$7.00	Matchless.....	\$8.00	Champion.....	\$8.00
Mrs. C. E. Akehurst.....	12.00	Winsor.....	7.00	Enchantress.....	7.00	Beacon.....	7.50
Mrs. C. W. Ward.....	7.00	Peerless.....	8.00	Perfection.....	7.10	Victory.....	7.00
R. P. Enchantress.....	6.00	Gorgeous.....	7.00	White Wooder.....	7.50	Comfort.....	6.00
L. P. Enchantress.....	6.00	Philadelphia.....	7.00	Alma Ward.....	7.00	Commodore.....	6.00
Enchantress supreme	8.00	Ruth.....	7.00				60.00

The above varieties we have in large quantity. We have never offered the trade better plants than we have this year. Let us figure on your requirements. We guarantee satisfaction.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

ROSES ONLY SHORT CROP.

Trade in the stores is very quiet, there being very little doing except for funerals. The stock offered is abundant in all lines except roses, which, while most varieties grade rather low, are saved by Sunburst, Russell and American Beauties, all of which are improving. The asters are not quite so plentiful, although there are sufficient for all demands. Golden Glow chrysanthemums are seen in limited quantities; not enough demand for anything fancy keeps the price down. Dahlias are seen here and there and the stock promises to be fine. Some extra fine flowers of the variety, John Wanamaker are being offered. They are from the Peacock Dahlia Farms, Berlin, N. J. Hydrangea paniculata is handled in quantity, being much used by the stores in window and store decorating and for funeral work.

NOTES.

The H. F. Michell Co., Inc., who are always on the gallop, have improved their Andalusia seed trial grounds and nursery to such a state of perfection that they have invited some 1,500 members of the craft in and about this city to board their special train and after an inspection of the grounds to take lunch with them. The vote to accept is unanimous; the day, Wednesday, September 8. Train leaves Broad street station at 11:30 a. m. Since the last public inspection there have been many additions and changes to meet their growing business, the extent of which will surprise the visitors.

The acres of perennial phlox at Henry A. Dreer's Riverton nursery are wonderful in their wealth of brilliant colors. The dahlia fields are also just coming into full flower. The variety and form of the newer cactus and their gorgeous color combinations tax one's vocabulary to describe them. A half day's inspection is well worth while.

The Leo Niessen Co. have started its efficiency campaign in the handling of dahlias. The stock is so far advanced that they can supply any quantity desired. Their systematic handling of this bulky, low priced flower has increased their sales until in the height of the season the business is enormous.

The winter campaign of the florists' club will open Tuesday, September 7, with Robert Pyle of the Conard & Jones Co., West Grove, Pa., who will tell us of the S. A. F. convention. Mr. Pyle is very thorough in all that he does and there is a treat in store for the full house which will no doubt be present.

Frank Polites has had to vacate his basement store at Thirteenth and Chestnut streets, the new lessees requiring the space for their own use. He still retains the case on the sidewalk.

Henry A. Dreer, Inc., W. Atlee Burpee & Co., and Henry F. Michell Co., Inc., were all extensive exhibitors at the gladiolus show at Atlantic City the past week.

The Pennock-Meehan Co. have a new "Vim," the latest of the light delivery cars. Charles Grakelow has also

Wholesale Flower Markets

BOSTON, Sept. 1.

	Per 100
Roses, Beauty.....	2 00@25 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@5 00
" Double White Killarney.....	1 00@6 00
" Killarney Brilliant.....	1 00@8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@8 00
" Taft.....	1 00@8 00
" Milady.....	1 00@8 00
" Ward and Hillingdon.....	1 00@6 00
" My Maryland.....	50@5 00
Cattleyas.....	25 00@35 00
Lily of the Valley.....	3 00@4 00
Sweet Peas.....	50@1 00
Carnations.....	50@1 00
select.....	1 50@2 00

BUFFALO, Sept. 1.

	Per 100
Roses, Beauty, special.....	20 00@25 00
" fancy.....	15 00@20 00
" extra.....	10 00@12 00
" No. 1.....	6 00@10 00
" No. 2.....	2 00@3 00
" Killarney.....	3 00@6 00
" White Killarney.....	3 00@7 00
" My Maryland.....	3 00@6 00
" Killarney Queen.....	3 00@4 00
" Richmond.....	3 00@6 00
" Sunburst.....	3 00@6 00
" Ward.....	3 00@5 00
" Taft.....	3 00@6 00
Lily of the Valley.....	4 00
Lilies.....	5 00@8 00
Cattleyas.....	40 00@50 00
Carnations.....	1 00@1 50
Daisies.....	40@50
Snappedragons.....	1 00@2 00
Gig. Lilies.....	5 00@10 00
Peas (outdoor)..... bunch, 5c@10c	
Gladioli.....	1 00@2 00
Asters.....	40@1 50
Asparagus Sprengerii..... 35@50	
Ferns..... per 1000, 2 50	
Smilax.....	15 00

CINCINNATI, Sept. 1.

	per doz.	\$0 75@	\$3 00
Roses, Beauty.....			
" Killarney.....	1 00@	6 00	
" My Maryland.....	1 00@	6 00	
" Richmond.....	1 00@	6 00	
" Taft.....	1 00@	6 00	
Lily of the Valley.....	3 00@	4 00	
Lilium Giganteum.....	4 00@	8 00	
Asparagus Plumosus..... per bch., 25c			
Gladiolus.....	1 00@	3 00	

St. Louis, Sept. 1.

	Per 100
Roses, Beauty, medium.....	8 00@15 00
abort stems.....	4 00@6 00
" Killarney.....	2 00@5 00
" White Killarney.....	2 00@4 00
" Aaron Ward.....	2 00@4 00
" Sunburst.....	2 00@5 00
" Ophelia.....	3 00@5 00
" Radiance.....	2 00@5 00
Valley.....	3 00@4 00
Carnations.....	1 00
Orchids.....	50 00
Asparagus Sprengerii..... per bu., 25@50	
Asparagus Plumosus..... per bu., 25@50	
Harrisii.....	8 00
Sweet Peas.....	20@40
Gladioli.....	2 00@3 00
Ferns..... per 1000, 1 50	

added one to his service, both trading in a Ford.

H. H. Battles is visiting the Panama-Pacific exposition at San Francisco and the natural scenery of the great mountains and canyons on the way.

Some splendid asters from the New York fields are seen at Edward Reid's. Local and eastern American Beauties are also a feature.

Berger Brothers are strong on asters and gladioli and are beginning to handle dahlias in quantity.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.

McCALLUM CO.

Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

Eugene Bernheimer has a new Ford car on the street. He finds it a great acquisition. K.

CLARKSVILLE, GA.—The Georgia State Horticultural Society held its annual summer meeting in this city August 19. The January meeting will be held at Athens.

DETROIT, MICH.—Expert instruction in scientific agriculture will be given school boys picked from every county tion at the state fair boys' school, to tion at the state fair Boys' school, to be held during the first week of the Michigan state fair, according to the announcement of G. W. Dickinson, general manager of the fair.

C.C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.
Per 500 Per 1000
No. 88.....\$0.50 \$0.85
No. 55......75 1.25
No. 48.....1.00 1.50
Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St.,
Both L. D. Phones, ST. LOUIS, MO.

supplies and Everything in Season always on hand

Mention the American Florist when writing

Cincinnati.

MARKET CONDITIONS IMPROVE.

As September 1 drew near, the market assumed a firmer tone. The call for stock is steady, but not very much larger than it was at the last writing. There is plenty of stock for all requirements. Roses are plentiful and very good. Up to this time, however, they have met with a demand that was good at times and very slow at other times. Carnations come in regularly and are fairly good for early stock. Asters are in a large supply and include many fine blooms. The cut of Easter lilies is again up to normal. America gladioli are not very plentiful, but there are more than enough to go around of the other varieties. Other offerings include dahlias and hardy hydrangeas. New wild smilax is in the market. Other greens are plentiful.

NOTES.

Wm. Murphy, accompanied by his physician and nurse, has gone to his cottage at the Cheneaux to escape the hay fever.

C. E. Critchell received his first lot of new wild smilax, the first of the season, last week.

Walter Gray, Jr., of Hamilton, Ohio, has started on a month's vacation.

Visitors: Mrs. J. W. Crouch, Knoxville, Tenn.; Miss D. E. Rush, Shreveport, La.; G. L. Rambler, decorator for Miss Rush, Shreveport, La.; R. E. Mapes, with Chas. L. Baum, Knoxville, Tenn., and Ellis Woodworth, representing the Sefton Mfg. Co., Chicago.

H.

QUINCY, ILL.—John Roth, florist, 35 years of age, was drowned in Quincy bay, August 22.

MCPHERSON, KAN.—The greenhouses of C. A. Simonson and Miss Mary Bliss were both represented with excellent exhibits at the county fair.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley

Gladiolus, Asters and Lilies. Fancy Ferns, special picked.

Cut Flower Boxes, Florist Supplies. Manufacturer of Wire Designs.

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Sept. 1.		Per 100
Roses, Beauty, extras.....	20 00@25 00	
.. first.....	8 00@10 00	
.. Mrs. Chas. Russell.....	8 00@15 00	
.. Killarney.....	3 00@10 00	
.. White Killarney.....	3 00@10 00	
.. Liberty.....	5 00@15 00	
.. Mock.....	6 00@15 00	
.. Hadley.....	8 00@12 00	
.. Bulgaria.....	4 00@10 00	
.. Sunburst.....	4 00@12 00	
Carnations.....	1 50@2 00	
Cattleyas.....	60 00@75 00	
Lilium Harrisii.....	5 00@6 00	
Lily of the Valley.....	3 00@5 00	
Gladioli.....	1 00@3 00	
Mignonette.....	2 00@4 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, Sept. 1.		Per 100
Roses, Beauty, special.....	25 00	
.. fancy.....	15 00	
.. extra.....	8 00	
.. No. 1.....	3 00	
.. Killarney.....	2 00@6 00	
.. My Marysund.....	2 00@6 00	
.. Sunburst.....	2 00@6 00	
.. Mrs. Aaron Ward.....	2 00	
Carnations.....	1 00	
Cattleyas.....	50 00	
Lilium Giganteum.....	8 00	
Valley.....	3 00	
Adiantum.....	1 00	
Gladioli.....	2 00	
Asparagus Sprengeri, per bunch,	35@40	
.. Spraya.....	per bunch, 35@40	
Asters.....	1 50	

BROCKTON, ILL.—The new greenhouse erected by the John C. Moninger Co., Chicago, for Frank Graves is practically completed, with the exception of installing the heating plant. It is one of the most up-to-date houses in this section of the country.

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

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H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

MILWAUKEE, Sept. 1.		Per 100
Roses, Beauty, per doz.,	2 00@3 00	
.. Killarney and W. Killarney	2 00@6 00	
.. Wsrd, Sunburst.....	2 00@6 00	
.. Mrs. Chas. Russell.....	3 00@15 00	
.. Richmond.....	3 00@6 00	
.. Ophelia.....	3 00@10 00	
.. Hoosier Beauty.....	2 00@10 00	
Carnations.....	1 00@2 00	
Lilies.....	8 00@10 00	
Auratum.....	per doz. \$1.50	
Snapperon, per bunch,	25c@50c	
Sweet Peas.....	25@ 50	
Valley.....	2 00@4 00	
Daisies.....	50	
Gladioli.....	1 00@2 00	
Asters.....	1 00@2 00	

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00

G. S. & CO.
NEW YORK

1000 Pips, \$15.00
2500 " 35.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of
500 Pips

CHAS. SCHWAKE & CO., Inc.,

90-92 West Broadway,

NEW YORK

New York.

AMPLE SUPPLY OF GOOD STOCK.

Relating to the volume of business, there has been no perceptible change since our last writing. The supply of some one stock occasionally runs short for possibly half a day, and figuratively speaking, the price goes up. Some buyers will offer most any figure when they feel sure they cannot get what they want, and no matter how high the offer is, it is of no benefit to the wholesaler if he does not have the stock. We may repeat that a scarcity is very rare in this market. Referring to the quality of stock, no fault can be found for this time of year. In American Beauty roses there is a marked improvement in quality. Of other varieties, very creditable stock is arriving, and each week shows an improvement in the quality. While there are various kinds of aster stock on the market, and a surplus of all, some of it is remarkably fine. There are good gladioli to be had, but as a whole, the quality of the stock is deteriorating. There is a perceptible increase in the supply of dahlias, but they will move very slowly while there is such a large supply of good asters on the market. Lilies and lily of the valley have been moving fairly well and the prices for good lilies have improved. There is no surplus of cattleya orchids and prices are steady.

August 30.—There was a continuous downpour of rain throughout Sunday, August 29, which continues with slight intermissions today. There is an abundance of stock and the market is very quiet.

NOTES.

Funeral services for the late Lawrence W. Kervan were held at the family residence, 7 West 108th street, at 8 p. m., August 26. The services were conducted by the members of Lafayette Post, No. 140, Department of New York Grand Army of the Republic, of which the deceased had been a comrade. There was a large attendance and the esteem in which Mr. Kervan had been held by his business friends was shown in the many fine floral tributes from the leading florists of this city. The remains, accompanied by the family, were taken to Montague, Mass., where he once resided, for interment. One son, who was on a trip in the mountains of the west, could not be reached by telegraph. Mr. Kervan served with the Fifth Connecticut regiment in the Civil war and was taken prisoner at the battle of Cedar Mountain and confined for 40 days in Belle Island prison. He was born in this city and after the events here noted, and briefly mentioned in our issue of August 28, he returned here about 20 years ago and established the business which will be continued by his sons, the Kervan Co.

After an intermission of two months the florists' club will resume its meetings in its rooms in the Grand Opera House building on the night of September 13. Very important matters will come up for discussion and it is hoped that every member who is able to be up and about will be present. Secretary Young and others who attended the San Francisco convention will be present and are sure to have something interesting to say. We are

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
Its Best Growers

not quite sure whether Chairman Kessler of the house committee will have a roast pig or something just as good, with ginger ale to wash it down.

An interesting double wedding took place in the church of Our Lady of Mercy, Brooklyn, August 24. Miss Mae Golden, well known as a retail florist of Lafayette square, married Edward Geraghty, and her sister, Margaret, was united to Thomas Francis Reilly. Margaret and Helen Golden, young nieces of the brides, as flower girls, carried baskets of Killarney roses. The brides carried shower bouquets, the flowers being orchids and lily of the valley. The church was decorated with palms and golden rod. The happy couples went by auto to the Berkshire hills for their honeymoon.

We must all go to Houston next August, as Texas is progressive, not only in horticulture, but also other matters. A man down there has raised a pea pod two feet nine inches in length. Also note that Texas is establishing colonies of bats to kill mosquitoes. A bat's appetite for mosquitoes is said to be keener than a stage lady's for lobsters, which is going some.

Walter Anker, formerly employed by David Clarke's Sons, and a brother to Edwin Anker, of Traendly & Schenck's force, who has been pitching good ball for the Tenafly, N. J., team since the season opened, has been signed by Connie Mack and goes to the Philadelphia Athletics.

We expect there will soon be an increased demand for flowers. One society reporter states that: "The first considerable function of the season for the formal presentation of monkeys * * * of the younger set was held on Wednesday evening at the Majestic."

It is stated that Mrs. Jack Trepel, of Brooklyn, recently lost \$2,000 worth of jewelry, which she had checked in a bath house at one of the beaches. Mrs. Trepel's husband is buyer for his brother, Joseph Trepel, who has a chain of retail stores in Brooklyn.

A meeting of the flower show committee of the florists' club was held at the office of Harry A. Bunyard, August 30. A joint meeting of the committee with the council of the Horticultural Society of New York was held September 1.

M. L. Vlachos, the Astoria Florist, whose store is opposite the great Astoria apartments, upper Broadway, says that business has been very good of late.

P. Velotas, who has two retail stores on Broadway, had a birthday August 28 and his friends were wishing him many more birthdays. Peter is all right.

Joseph A. Millang, of the New York Cut Flower Co., is receiving fine blooms of the rose, Francis Scott Key, from the F. R. Pierson Co., Scarborough, N. Y.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Maurice Kleinmann, manager and buyer for Myer, Madison avenue and 58th street, has returned from an extended vacation at the sea shore.

Charles Kiser, buyer for Herman Kuhn, has returned from an extended vacation in excellent health and spirits.

Charles Matthews, salesman for E. C. Horan, was taken quite ill August 26, but is now said to be improving.

Thomas Miller, head salesman for Walter F. Sheridan, is back on the job after a two weeks' vacation.

In addition to lily orchids, roses and asters, Paul Meconi is carrying good stock of bouvardia.

John Young & Co. received a considerable consignment of good cattleya orchids August 31.

Walter R. Siebrecht Co., Inc. are exhibiting a rare orchid plant, the "butterfly orchid."

John Young & Co. are now handling exceptionally fine pink and white asters.

James McManus is handling fine blooms of Chrysanthemum Golden Glow.

At Traendly & Schenck's fine stock of the Gladiolus Panama is noted.

Traendly & Schenck are handling fine sprays of oncidium orchids.

A. F. F.

OFFICIAL
S. A. F.

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FOR CUT FLOWERS: in two colors on gammed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

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{ 1665 } Square, Receivers and Distributors of

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Choicest Cut Flowers

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Wholesale Florist

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All the NEW ROSES, CARNATIONS and Seasonable Flowers.

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Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

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Washington.

TRADE VERY UNSATISFACTORY.

Business the past week was very unsatisfactory. Even funeral work was very scarce, and as for the market, there is nothing special as stock is still poor; in fact, the only good roses to be had are American Beauty, Mock and Sunburst. All others are short and poor. Carnations are coming a little more plentiful, but are poor in quality.

NOTES.

Geo. C. Shaffer decorated the Poli theater for the opening, August 30. The decoration throughout the theatre consisted of large banks of palms, ferns, oak foliage, goldenrod, American Beauties, and large baskets of gladioli, while flowers were given to all as they entered. There were more than 2,000 roses given.

Geo. Lavelle is sending some very good dahlias to Leo Niessen Co., which find a ready sale, as they are all show dahlias. Some of the varieties have never been grown in this vicinity before. Mr. Lavelle is adding another house to his range.

Mr. and Mrs. H. Pfister, after spending the last two years in Switzerland, are back and looking in the best of health and expect to open up on Connecticut avenue this fall.

Gude Bros.' employes turned painters the past week and made a good job, both outside and inside.

Harry Jones is paying his annual visit to Washington and is looking up some of his old friends.

Visitors: A. Niessen, Philadelphia, Pa., and W. McKissic, Baltimore, Md. G. C. D.

CENTRAL FALLS, R. I.—A new flower shop will be opened by Chas. Lapham in the Littlefield building.

KALAMAZOO, MICH. — Several houses have been added to the range of G. Van Bochove & Bro. on Rose Hill.

TUCKAHOE, N. Y.—Augustus Embury of Yonkers and W. E. Gilbert of Bronxville have formed a partnership and will conduct a flower shop and nursery.

DENHAM, N. H.—James Macfarlane of Werden, N. Y., has been appointed instructor in horticulture at the New Hampshire agricultural experiment station.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Sept. 1.	Per 100
Roses, Beauty, special.....	15 00@20 00
" " extra aud fancy... 8	00@10 00
" " No. 1 and No. 2... 4	00@ 5 00
" Alice Stanley.....	1 00@ 5 00
" Prince d'Arenberg, special.	4 00@ 5 00
" Francis Scott Key, special.	6 00@ 8 00
" Mrs. Geo. Sawyer, special	4 00@ 5 00
" " extra... 3	00@ 4 00
" " " No. 1 & No. 2	1 00@ 3 00
" White Killarney, special...	5 00
" Killarney, My Maryland...	
" " special.....	4 00@ 5 00
" " No. 1 and No. 2..	1 00@ 2 00
" " Queen.....	1 00@ 5 00
" " Brilliant.....	1 00@ 5 00
" Aaron Ward.....	1 00@ 5 00
" Richmond.....	1 00@ 4 00
" Sunburst.....	1 00@ 5 00
" Tait.....	1 00@ 5 00
" Milady.....	1 00@ 4 00
" J. L. Mock.....	1 00@ 5 00
" Hadley.....	1 00@ 8 00
" Ophelia.....	1 00@ 5 00
" Mrs. Chas. Russell.....	1 00@ 6 00
" Hoosier Beauty.....	1 00@ 5 00
Cattleya Orchids, special.....	50 00@60 00
" " interior grades..25	00@35 00
Lilias, Longiflorum and Harriell..	4 00@ 5 00
Lily of the Valley.....	2 00@ 3 00
Asters.....	25@ 1 00
Dahlias.....	75@ 1 00
Tuberose..... per doz., 25c@30c	
Bougardias.....	1 00@ 1 25
Adiantum Croweanum and Hybridum.....	1 00@ 1 50
Asparagus Plumosus...doz. bchs.	1 00@ 2 00
Smilax..... doz. strings.	75@ 1 00
Gladiolus..... per doz., 10c@15c	

United Cut Flower Co., Inc.

WHOLESALE

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments

GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Madison Square.

Orchids, Roses, Carnations and all the other best products of the leading growers. Consignments solicited.

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.

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Telephones: 2200 and 2201 Madison Square.

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WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

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Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

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The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade at Wholesale.

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119 West 28th Street NEW YORK

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George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

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M. C. Ford

121 WEST 28th STREET
NEW YORK

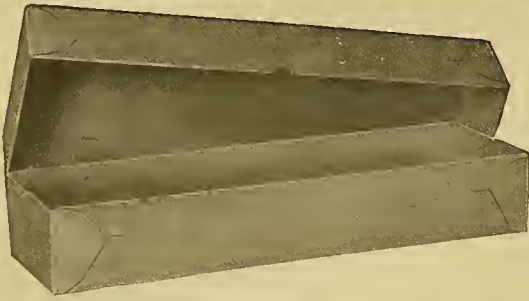
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The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the market can always be relied upon.

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Mention the American Florist when writing



YOU are judged largely by the way your flowers are delivered. Sefton Flower Boxes and their delivery will mean continual satisfaction for you and your customers. Made of the best materials, finished in non-fading shades. Ask your paper jobber.

You ought to have our Catalog—also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street, CHICAGO, ILL.

Tacoma, Wash.

GREAT SUPPLY OF GOOD STOCK.

Never before in the history of this city has there been so many good flowers of all kinds. Such an abundance of flowers in every section of the city and all around it to be had gratis for any occasion, cuts the florist business down a whole lot, and together with the dull season gives every florist some right to say "Florist biz is bum." Roses have been more abundant than ever before, sweet peas are going to waste everywhere, dahlias were plentiful over a month ago, and at present asters and dahlias are spoiling by hundreds of thousands. Soil and climatic conditions have been especially favorable all this season for the growth of fine stock and really there seems to be no limit to beautiful flowers. For several days we have had unusually hot and humid weather—no rain since July, and no doubt with a continuance of such days, the outdoor stock will suffer, but plenty will be left, however.

Everywhere the field grown carnations are doing well, so that good stock will be ready to plant in soon. We do not learn of any of the late sorts being tried out, and in fact there seems to be about five sorts of carnations that are good enough and probably less than a dozen sorts of chrysanthemums. Every new rose can be found however as soon as it can be had, and our rose show and dahlia show always bring the call for everything new.

For two months the sales of cut flowers have been disappointing, but plants of all kinds are receiving call—probably better than ever, but taken as a whole this spring and summer will be counted one of the poorest for several years and only a good fall and winter business will even it up.—"ere's 'oping."

FIFTH ANNUAL DAHLIA SHOW.

Never before in the history of Pacific northwest has there been such a display of fine dahlias and fall flowers as the one just staged, free to all the public, on the roof garden of the Rhodes Bros.' department store. The number of vases required to hold the display was about one-third more than at any previous local flower show of any kind and a grander display of dahlias has probably never before been staged in America. Every class, color, and variety was out on parade with probably 200 new seedlings, representing every known kind. Many of the seedlings will do to displace older ones. Every color but blue was shown, and in sizes from that of a quarter dollar up to a foot in diameter. Such a display of other sorts of fall flowers would have made quite a show alone if spaced out and individualized somewhat. The display of cut flowers made from the grounds of the state insane asylum was very fine and that of J. H. Bentham was almost a show itself. Other displays of collections of fall

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.....	\$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3 1/2, 2-in. Cov.....	2 25
30x 5x3 1/2 " "	2 50
21x 8x4 " "	2 65
24x 8x4 " "	2 90
28x 8x4 " "	3 25
28x 8x5 " "	3 75
36x 8x5, Teles. Cov.....	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope.....	7 50
36x12x6, Telescope.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co. 1302-1308 W. Division St., CHICAGO

flowers were fine and that of Jas. R. Thompson won the special \$10 prize. The city parks display of plants and cut flowers was very beautiful and nicely arranged. All the members of the Tacoma Dahlia Society deserve a lot of praise and great encouragement for the work they did in giving us such a grand show without price to any one except possible loss of time from some other labor or pleasure while attending. Several florists were represented in a very creditable manner and some of them were on the job early and late working to make a success of the show. Jas. R. Thompson, secretary of the society, sure is a devoted and hard worker for the success that makes a good show.

Mrs. Emma F. Alexander won first prize with a total of 221 points, and Mrs. L. E. Bailey was second with 105 points. J. R. Thompson captured the \$10 special prize donated by Tacoma florists, and the six vases of fall flowers calling for the award were some beauties.

A great many eastern tourists are in our city each day and many visited the show and it was notable to hear the comments and exclamations of wonder and surprise.

As there was no admittance charges the awards were confined to three grand prizes—one cup and the \$10 and highest honorable mention, blue, white and red representing winning vases and awards in the order above given.

It takes time, energy and some money to put such a worthy show before the public without cost, but it builds up our city or community in the love of the things beautiful and home love and civic pride, so after all it pays well. We invite every one to come to our Tacoma rose show and dahlia show next year. S. L. H.

OAKFIELD, N. Y.—J. J. Bates will erect a greenhouse on his property on Drake street.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING. Write us for our sample folders, cuts and slides for advertising:

Fall Planting Fall Announcement Thanksgiving Christmas

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Southern Wild Smilax

\$2.50 per case. Perpetuated Moss..... per bag, \$3.50 Natural Moss..... per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax

\$2.50 per case. Natural Moss..... \$1.75 per bag Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co. Everything in Southern Evergreen, ALABAMA

BOXWOOD, 8c per lb.

Princess Pine..... 4c per lb. Leucothoe, long..... \$2.50 per 1000 Leucothoe, short..... 1.25 per 1000 Galax, green..... .50 per 1000

Prompt delivery. J. M. Black, Hartford, Evergreen Co., Tenn.

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Price \$3.00 Postpaid.

AMERICAN FLORIST CO. 440 S. Dearborn St., CHICAGO

NEW ORLEANS, LA.—Herman Rossback, well-known florist and gardener, died August 13, aged 65 years.

ST. PAUL, MINN.—A. H. Stem, architect, Endicott building, is preparing plans for a double house at Duke and Pleasant streets for Holm and Olson florists, for residence purposes.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857



739 Buckingham Place.

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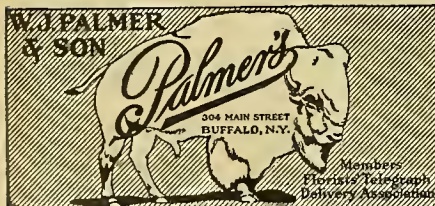
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Blackstone, Washington, D. C.
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Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyre, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
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Galvin, Thos. F., Inc., New York.
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Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
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Newell, A., Kansas City, Mo.
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Phillips Bros., Newark, N. J.
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Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
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Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
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Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
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 Chicago—Alpha Floral Co.
 Chicago—C. Frauenfelder.
 Chicago—A. Lange, 25 E. Madison St.
 Chicago—Schiller, the Florist, 2221 W. Madison.
 Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
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Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.....	30	3 00	20 00
Jeanne d' Arc. Soft pink, center sulphur white and pale pink, very fragrant. Valuable for cut flowers. Very similar to Golden Harvest....	35	3 60	25 00
La Tulipe. Delicate rose fading to creamy white, tipped with carmine; very large bloom; late..	35	3 60	25 00
Mme. de Vatry. Very large, high crown, lilac-white guards and crown, sulphur white collar of wide petals; center flecked crimson.....	40	4 00	30 00
Mme. de Vernerville. Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies.....	25	2 50	16 00
Marie Lemoine. Large, compact, pure white, cream-white center. Some carmine tips.....	35	3 60	25 00
M. Dupont. Clear ivory white, with brilliant carmine border on center petals.....	50	5 50	40 00
Queen Victoria. White, center petals tipped carmine; large, full bloom; one of the best cut flower sorts; early.....	25	2 00	12 00

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 Double White, Pink and Red.....\$1 50 \$10 00
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PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young and each has 3 to 5 eyes. These cases contain 67 double white, 66 double pink and 67 double red each color separate—200 roots in all.
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Faust. Guards light pink shading to white; center sulphur white. Midseason.....	25	2 00	15 00
Koh-i-noor. Shell pink, very free, splendid cut flower. Midseason.....	30	3 00	20 00
Lady Leonora Bramwell. Large, rose-colored, very free, splendid cut flower.....	30	3 00	20 00
Souvenir de l'Exposition Universelle. Large perfect shaped imbricated flower, brilliant cerise, with silvery reflex.....	40	4 00	30 00
Prolifera Tricolor. Medium size. Guards flesh-white, collar sulphur-yellow. Pale rose crown, fragrant free, late.....	30	3 00	20 00
Triomphe de l'Expos. de Lille. Shell pink with a peculiar double crown. Midseason.....	35	3 60	25 00

RED AND CRIMSON

Andre Laurils. Very large, very compact globular-rose type. Dark Tyrian-rose shading deeper in center. Medium tall. One of the best late varieties.....	30	3 00	20 00
Augustin de Hour. Large, bomb-shaped flower, dark brilliant solferino-red with slight silvery reflex. Medium tall, very free. Midseason. Very fine.....	45	5 00	40 00
Delachei. Deep rich purple, crimson reflex. Late and free blooming.....	30	3 00	20 00
Felix Crousse. One of the best red sorts, large double ball shaped flowers. Free bloomer.....	35	4 00	30 00
Louis van Houtte. Deep carmine-rose, tipped silver, with very reflex. Semi-rose type. Fragrant. Late.....	25	2 50	18 00
Madam Lebon. Brilliant cerise with silvery reflex. Large flower; late.....	35	3 60	25 00
Marechal Vaillant (Syn. Lee's Rubra Grandiflora). Dark mauve pink, very large, globular rose-type. Very tall heavy stem; very late. A good variety.....	40	4 00	30 00
M. Paul du Ribert. Deep crimson-rose, fine bomb-shaped flower, medium high, free bloomer. Late.....	40	4 00	30 00
Officialis Rubra Plena. This is the old-fashioned red; the most brilliant of all reds..	20	1 80	12 00

We have a large stock of fine varieties other than those listed here. Write for price list.

German Iris We have large stocks of 30 standard sorts, and can make specially low prices on quantities.

VAUGHAN'S SEED STORE, CHICAGO, NEW YORK

For the Best New and Standard DAHLIAS

Address
Peacock Dahlia Farms,
 P. O. Berlin, N. J. Williamstown Junc., N. J.
 Mention the American Florist when writing

—Write—
GEO. A. KUHL,
 PEKIN, ILL.,

For Prices and List of
MUMS, ROSES, FERNS,
BEGONIAS and General Stock
 Wholesale Grower to the Trade.
 Mention the American Florist when writing

GERANIUMS

Summer Prices.
 Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.
 S. A. Nutt.....\$10 00 per 1000
 Ricard and Poitevine.....12 50
ALBERT M. HERR, LANCASTER, PA.
 Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

CORVALLIS, MONT.—The Atlanta Seed Co. is building a warehouse 60 by 120 feet.

NEW YORK.—There are rumors of a combination of two wholesale firms here operating in bulbs.

FLORAL PARK, N. Y.—John Lewis Childs' fall retail catalogue just out quotes "everything prepaid."

SAN FRANCISCO, CALIF.—Lester L. Morse, who has been in rather poor health for some time, is at San Jose recuperating.

TERRE HAUTE, IND.—The Hoermann Seed Store has been incorporated with a capital stock of \$5,000, to conduct a business in seeds and plants.

LOUISVILLE, KY., August 24.—We have the same worries here you have in Chicago regarding the possible damage to the onion set crop from rainy weather.

COUNCIL BLUFFS, IA.—The Shugart-Ouren Seed Co. has increased its capitalization from \$50,000 to \$100,000. The life of the corporation has also been renewed for a period of 10 years.

ST. LOUIS, MO.—The St. Louis Seed Co.'s annual outing for its employees and their families was held at Waterloo, Ill., August 29. A well arranged programme of field sports and a chicken dinner were features that added to the day's pleasure.

CHICAGO.—Prices for grass seed on the Board of Trade September 1 were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—Miss Harriet Clark, daughter of C. S. Clark of Wakeman, O., who was operated upon here last week, leaves for home accompanied by her mother, September 3.

A. C. KENDAL and wife, of Cleveland, O., passed through Chicago August 27. They were just in time to accompany Mrs. C. S. Clark and her daughter Harriet, who was able to leave the hospital on that day. Mr. Kendal enjoyed his visit at San Diego where he called on Former President Chas. N. Page of the American Seed Trade Association.

A. H. GOODWIN, of the W. W. Barnard Co., returned to Chicago from his Indiana summer place at Wawasee. Typhoid there has caused an exodus of resorters. Hotel keepers have experienced an exceptionally bad season on account of the cold summer. Mr. Goodwin is making an eastern trip and considering a Christmas visit to Paris.

ONION SET growers at Chicago have had 10 days of clear weather except light showers one day. The stock is being rushed into crates and stacked in the field. The problem of how the sets will keep is still an open one and those who harvested early before the tops fell are congratulating themselves. Growers who are working now in the hard baked soil are having a lot of trouble in getting the sets out and separating them from the lumps.

KANSAS CITY, MO.—Walter E. Cook, of the Stump & Walter Co., New York, and wife, returning from the San Francisco convention, called on friends here and left August 29 for Detroit, Mich.

Michigan Beans Damaged.

A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, writes as follows, August 31: "There has been a lot of damage done to the bean crop by recent frosts, how much we can not tell until we get in our reports. The temperature went as low as 22 degrees in some places and made ice. We are very much discouraged but will have to make the best of it."

Saginaw, August 31.—The firm of W. H. Grenell reports that as near as can be learned up to the time of writing, about 25 per cent of the bean crop has been damaged by the recent freeze.

New York Seed Trade.

Down in the seed trade district, where the street car horses snort with disdain at stalled automobiles and overloaded trucks, there are now many interesting features to be noted. Every seedsman is putting his best foot forward, so to speak, in anticipation of good autumn business. We recall years when the farmers and landscapers said it was no use to sow seed because the ground was so dry. There need be no such complaint this year; there has been plenty of rain and conditions are promising. Heavy shipments of Dutch and French bulbs have already arrived and orders are being filled. The fall catalogues are being mailed and show the usual handsome pictures of flowers. We may add, that it is said that some florists, a long time ago, were driven insane because they could not grow flowers to match those in the catalogues. The catalogues that have reached us at this writing are from Vaughan's Seed Store, Wm. Elliott & Sons, Weeber & Don and Burnett Brothers.

Weeber & Don are receiving unusually large orders for grass seed, the major portion to be used on golf courses. They further state that there is a heavy demand for grains, such as wheat, rye, etc. They have just received a large consignment of Dutch bulbs which came in on the S. S. New Amsterdam. In size and quality, they claim these are the finest ever received. They are exhibiting in their windows blooms of their new aster, Miss Alice Don, the seed of which was first offered last spring. It is an exceptionally large pink with curved center petals. It should become popular. The extensions and improvements in their store are now completed and it is very attractive.

At Vaughan's Seed Store there is a fine window display of bulbs. Paper White narcissus, amaryllis, callas, freesias and other bulbs are prominent. The clever window dresser has arranged on a background of Paper Whites, other lighter colored bulbs to

spell the words: "Vaughan's Bulbs." Manager Deamud has recently had an artist at work on the bunch of radishes that hang over the main entrance and they now look good enough to eat, though of course they could not be eaten, for it is rumored that they are of ivory, mother-of-pearl or some such expensive stuff.

In the large show window of J. M. Thorburn & Co. there is a large placard, which reads: "In the days of Washington and Jefferson there were Thorburn's Seeds." Which may be interpreted as meaning that the Thorburns were here when the site of Central park, like ruined Babylon, was a resort for the owls and the bats.

Peter Henderson & Co. have in their windows a very handsome display of fancy leaved caladiums, begonias, water lilies and acalyphas. All the other features of a high class seed store are also noteworthy.

During the summer dullness Wm. Elliott & Sons have been busy improving their store and adding more modern conveniences. Their auctions will be resumed early in September.

The Macniff Horticultural Co. has recently received large consignments of bulbs. Auctions of plants will begin at their rooms at an early date.

A. F. F.

Imports.

During the week ending August 28 imports were received at New York as follows:

MacNiff Horticultural Co., 3 cases bulbs (Rotterdam, Holland).

Vaughan's Seed Store, 131 cases bulbs (Rotterdam, Holland).

Ralph M. Ward & Co., 40 cases and 1 crate bulbs (Bermuda).

W. E. Marshall & Co., 32 cases bulbs (Rotterdam, Holland).

Yokohama Nursery Co., 15 cases bulbs (Rotterdam, Holland).

L. Benet Floral Co., 10 cases bulbs (Rotterdam, Holland).

A. T. Boddington, Inc., 3 cases bulbs (Rotterdam, Holland).

Stump & Walter Co., 37 cases bulbs (Rotterdam, Holland).

Elliott Auction Co., 4 cases bulbs (Rotterdam, Holland).

P. Henderson & Co., 168 cases bulbs (Rotterdam, Holland).

J. M. Thorburn & Co., 68 cases bulbs (Rotterdam, Holland).

Weeber & Don, 25 cases bulbs (Rotterdam, Holland).

Henry & Lee, 10 cases bulbs (Bermuda).

To Order, 2392 cases bulbs, 529 bags seeds, 42 cases plants.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

COLD STORAGE
VALLEY
 Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.
 Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.
H. N. BRUNS
 3032 Madison Street, CHICAGO

97th Year
J. BOLGIANO & SON,
 Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes
 Growers of Pedigree Tomato Seeds Baltimore, Md.

Waldo Rohnert
 GILROY, CAL.
 Wholesale Seed Grower.
 Specialties: Lettuce, Onion, Sweet Pea, Aster, Cosmos, Mignonette, Verbena in variety, Correspondence Solicited.

Henry Fish Seed Co.
 Bean Growers for the Wholesale Seed Trade
 CARPINTERIA, CALIF.

Western Seed & Irrigation Co.
 Wholesale Seed Growers and Dealers
 SPECIALTIES:
 Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
 FREMONT, : NEBRASKA

L. Giganteums,
 8-9 in., 8-10 in., 9-10 in.
 Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
 Woolworth Bldg., New York City
 Mention the American Florist when writing

ROUTZAHN SEED CO.
 Arroyo Grande, Calif.
 Sweet Pea and Nasturtium Specialists.
 Wholesale Growers of full list of

FLOWER and GARDEN SEEDS
 Mention the American Florist when writing

S. M. Isbell & Co.,
 Jackson, Mich.
 CONTRACT SEED GROWERS,
 Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
 Correspondence solicited.

Flower Seeds for Present Sowing
PANSY—Barnard's Florists' Mixture
 For Size of Bloom and Rich Colors, Excelled by None
 Trade Pkt., 25c; 1/4 oz., \$1.00; 1/2 oz., \$3.50; oz., 7.00.
GIANT MIXTURE—Trade Pkt., 20c; 1/8 oz., 50c; oz., \$4.00.
 CALCEOLARIA, Hybrida Grandiflora..... Trade Pkt., 50c
 CINERARIA, Hybrida Grandiflora..... Trade Pkt., 50c
 PRIMULA, Sinensis Fimbriata, choice varieties, in separate colors and mixed. Tr. Pkt., 50c
SEEDS OF HARDY PERENNIALS. Very complete assortment.
 10 per cent off for cash on orders for flower seeds.
THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
 231-235 W. Madison Street.

Mention the American Florist when writing

Holland Grown Seeds
 We are growers of Garden Beets, Mangels, Sugar Beets, Cabbage, Cauliflower, Celeriac, Chicory, Cornsalad, Cress, Endive, Kale, Kohlrabi, Leek, Mustard, Parsley, Parsnip, Radish, Spinach, Turnip, Rutabaga, and a general line of Flower Seeds, and solicit inquiries from the trade for both this fall's delivery and for next year's growing.
 Regular sailings from our country to the United States and Canada.
SLUIS BROTHERS, Wholesale Seed Growers
 Cable Address: SEMEN, Enkhuizen. ENKHUIZEN, HOLLAND

Mention the American Florist when writing

Simon Louis Freres & Co.
 SEED GROWERS

Bruyeres=le=Chatel, Seine et Oise, France
 We are sellers for immediate delivery of Asparagus, Broad Beans, Beets, Broccolis, Brussels Sprouts, Cabbage, Carrots, Cauliflowers, Celery, Chicory, Dandelion, Leeks, Lettuce, Mangel, Onion, Parsley, Parsnip, Radish, Vegetable Marrow, Swiss, Turnip, Swedes, Grass Seeds, Clover Seed.
 We are buyers of Poa-pratensis, Timothy, Meadow Fescue, Herd Grass.
 Mention the American Florist when writing

LILY OF THE VALLEY PIPS
 Ex Cold Storage
NEW YORK or CHICAGO
 Finest Grade of GERMAN and DANISH PIPS
 ASK FOR PRICES
Loechner & Co., Inc., 11 Warren St., New York

THE G. HERBERT COY SEED CO.
 VALLEY, Douglas County, NEB.
 CONTRACT GROWERS OF
HIGH GRADE SEEDS
 Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

BURPEE'S SEEDS
 Philadelphia
 Wholesale Price List for Florists and Market Gardeners

Lilium Formosum
 (Black Stem)
 7 to 9, 250 to case.....\$15.50 per case
 9 to 10, 180 to case..... 17.00 per case
COLD STORAGE LILIES
 Giganteum, 9-10, 200 to case.....\$17 00
 Giganteum, 7-9, 300 to case..... 15.00
ST. LOUIS SEED CO.
 The Home of "Pure and Sure Seeds"
 411-413 Washington Ave., ST. LOUIS, MO.
 Write for our Fall Trade Catalogue.

Plant After Your 'Mums the Best Paying Crop

Winter Flowering Orchid Sweet Peas

and get continuous picking from February until summer.

I have 30 varieties listed, but the few here have proved to be the best money makers for commercial use: **Pink and White Orchid**, celebrated commercial sort; Mrs. A. A. Skach, finest light pink; **White Orchid**, best white; **Orchid Beauty**, dark rose; **Red Orchid**, best red. Price: $\frac{1}{4}$ oz., 75c; 1 oz., \$1.75; 4 ozs., \$6.00. Special prices on larger lots.

Winter Grandiflora: Zvolanek's Pink, light pink; Watchung, white; Mrs. W. Sim, salmon; Improved Meteor, the best rose pink and many others. Price: 1 oz., 25c; 1 lb., \$1.50; 5 lbs., \$5.

Late Summer Spencer Sweet Peas: Pink Spencer, White Spencer, Blanche Ferry Spencer, Ress, Helen Lewis, salmon orange; Ress, King Edward Spencer, red; Lilac and Lavender Spencer. Price: 1 oz., 30c; 1 lb., \$3.00; 5 lbs., \$12.00.

Summer Grandiflora and Unwin: White Nora, Gladys Unwin, Frank Dolby, Lady G. Hamilton, King Edward, 7th; special price so long as they last, 1 lb., \$1.00; 5 lbs., \$4.00; 25 lbs., \$15.00.

Order now before we have to report to be sold out again. Ask for List.

ANTON C. ZVOLANEK,

Sweet Pea
Ranch,

LOMPOC, CALIF.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited.

SWEDSBORO, N. J.

Mention the American Florist when writing

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale
rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

Benary's

Seeds for Florists

Complete New Stock.

Send for List.

Aabling-Ebright Seed Co.

89 Pike St., Seattle, Wash

OUR wholesale price list, for the
trade only, of

High Class Bulbs

for forcing and for outdoor planting
is now ready for distribution.

Drop us a postal for your
copy—it contains informa-
tion of interest and value.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

Mention the American Florist when writing

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

The Early Advertisement Gets There

Nearly All Fall Bulbs Now Moving

Paper White Grandiflora



Callas

1¼-1½ inch.....	Per 1000 \$ 50.00
1½-2 inch.....	80.00
2-2½ inch.....	100.00

Fancy (1250 bulbs to case).....	Per 1000 \$ 9.00
Star Brand (1000 bulbs to case).....	11.00

Precocious, Vaughan's Extra Early Grandiflora

Select Bulbs, 13 ctms. and up	9.00
Mammoth Bulbs, 14 ctms. and up	12.00

White Roman Hyacinths

11-12 ctms. (2500 to case).....	Per 1000 \$21.00
12-15 ctms. "whole crop," about 1800 to case.....	27.00

Lilium Formosum (New Crop)

7-9 inch (250 bulbs to case).....	per 1000, \$60.00
9-10 inch (180 bulbs to case).....	per 1000, 80.00

Cold Storage Lilies

SPECIAL PRICES to "clean up."

Giganteum, 7-9 inch (300 bulbs to case)	Per case \$15.00
" 9-10 inch (200 bulbs to case)	16.50
Formosum, 8-9 inch (225 bulbs to case)	14.00

VAUGHAN'S SEED STORE, Chicago and New York

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomersdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

PRIMROSES

Chinese and Malacoides, 2¼ in. pot.	Per 100 \$2.00
Forbesii, Obs. Alba, Rosea and Ruby, 2¼ in. pot	1.50
Obs. Gigantea, 2¼ in. pot.....	2.00
Cineraria Hyb. Grandiflora.....	2.00
Asp. Plumosus, 2¼ in. pot, \$18.00 per 1000.....	2.00
Asp. Sprengeri, seedling, \$7.00 per 1000.....	1.00
Pansy Seed, giant fl..... oz., \$4.00	
Vinca Var., field plants.....	5.00

CASH

Jos. H. Cunningham, DELAWARE, OHIO.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

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To Subscribe to the

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Published weekly. The Largest Brightest and Best British Trade Publication. Also

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Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.

The Import House
17 Murray Street, NEW YORK

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

VISITED CHICAGO: L. R. Sjulín, representative of the Shenandoah Nurseries, Shenandoah, Ia.

WACO, TEX.—The annual meeting of the Texas Nurserymen's Association will be held in this city, September 28-29.

HOUGHTON, MICH.—E. W. Murphy, representative of the Western New York Nursery Co., Rochester, N. Y., died at his home in this city recently.

COLUMBUS, O.—Norman E. Shaw has been elected chief of the nursery and orchards department of the state agricultural department by the new state agricultural board.

MOBILE, ALA.—W. H. Reynolds and H. P. Loding have returned from Montgomery, confident that the legislature will report favorably in the matter of the appropriation of \$25,000 to eliminate citrus canker and other diseases.

LONDON.—The Overseas club is to adopt a suggestion from Canada to sow seeds of the maple round the graves, cemeteries or by the roads leading to the cemeteries where Canadian soldiers are buried in France and Flanders. Consignments of seeds are being despatched from Toronto.

Association of American Cemetery Supts

The twenty-ninth annual convention of the Association of American Cemetery Superintendents was held at Minneapolis, Minn., August 24-26, with headquarters at the West Hotel. The first meeting was called to order on the morning of August 24, the delegates being welcomed by Hon. W. G. Nye, mayor of Minneapolis, and after the response, the president's address, reports of officers and appointment of committees followed. In the afternoon an auto trip to the several local cemeteries and parks was made.

One of the important addresses delivered at the meeting was by J. Warren Roberts, of Minneapolis, whose theme was The Co-ordinate Function of the Funeral Director and Cemetery Superintendent. In his address the speaker dwelt particularly on the necessity of better business methods in the undertaking world along the line of higher education and ideals. He called attention to the course in embalming in the state university, which has placed the profession on an established scientific basis.

Other interesting papers were read as follows: Brawn and Muscle, by W. N. Rudd, president Mt. Greenwood Cemetery Association, Chicago; A Few Hints on Old-Fashioned Flowers, by John Reid, Detroit, Mich.; Different Sources of Income for Cemetery Corporations, by James Currie, Forest Home, Milwaukee, Wis.; Advantages and Disadvantages of Deferred Payments on Lots Purchased, by T. H. Lit-

tle, Mt. Hope cemetery, Chicago; Best Methods of Eliminating Unightly Objects on Lots Without Offense to Owners, by C. E. Kera, Spring Grove cemetery, Cincinnati, O.; Birds and Their Value to Cemeteries (illustrated), by Prof. F. M. Washburn of the Agricultural College of Minnesota; Cost Accounting and Care Funds, by Robinson Farmer, Columbus, O.

At the closing session, August 26, the following officers were elected for the ensuing year: James Warren, Jr., Providence, R. I., president; W. N. Kestersen, Knoxville, Tenn., vice-president. Bellet Lawson, Jr., Elmwood cemetery, Chicago, was elected secretary and treasurer for the fifth time. The following were elected to the executive committee: W. N. Adams, Boston, Mass.; Geo. N. Painter, Philadelphia, Pa.; Geo. E. Troupe, Buffalo, N. Y.

The convention closed with a boat trip around Lake Minnetonka, a drive through the parks of Minneapolis and St. Paul, followed by a luncheon at the St. Paul Commercial club, August 27.

T. C. R.

Connecticut Nurserymen's Association.

The morning of August 19 dawned bright and clear and everything looked good to the members of the Connecticut Nurserymen's Association, their ladies and enthusiastic friends, as they motored to the annual summer outing, held this year at Lake Compounce.

On arrival at this beautiful summer resort, the autos were parked, greetings exchanged, after which a baseball game was played with Messrs. Burr & Campbell as captains. Burr's team, nicknamed the "Barberry Thunbergiis," were defeated by Campbell's "Forsythias" by a heavy margin. The features of the game were Burr's coaching, Hunt's batting, Hoyt's catching, Campbell's pitching and Wilson's base stealing. Dinner was partaken of, after which the party visited the points of scenic interest about the lake, grounds and mountain. A short business session was called later on, and one new member added to the association. All present voted it a most enjoyable occasion.

F. L. THOMAS, Sec'y.

Marketing the Peach Crop.

The peach crop of the country will amount this year, it is estimated, to more than 58,000,000 bushels. With the application of more scientific methods the crop has increased greatly in recent years and the peach grower is now confronted with problems of marketing rather than of production. Owing to their perishable nature peaches are unusually difficult to dispose of without loss, and good distribution is essential to prevent the glutting of some markets while scarcity and high prices prevail elsewhere.

In order to facilitate proper distribution the United States department of agriculture has just published Bulletin 298, the results of a study of the movement of the peach crop in 1914. Georgia, it is found, ships practically double the amount of any other state, 4,803 carloads coming from there in 1914. California, Washington, Ohio, Michigan and Colorado follow with shipments of between two and three thousand cars. The other states bring the total to 30,000 carloads.

Wider Market for Raspberry Growers.

If raspberries were carefully handled they could be satisfactorily shipped much farther than the distance which is now regarded as the limit for successful marketing, according to recent investigations of the United States department of agriculture. In the important raspberry districts in the Puget sound country 2,000 miles has hitherto been regarded as the most distant market to which berries could be shipped. In practice this means that fresh Washington raspberries do not come farther east than Minneapolis and that the surplus, if utilized at all, must be canned. Government experiments, however, the results of which are now published in Bulletin No. 274, indicate that with more careful methods of handling and shipping the Washington crop of fresh berries could be sold over a much wider range of territory.

The most common causes of decay in berries while in transit or after arrival on the market are mold fungi, usually gray mold or blue mold. Neither of these fungi is likely to injure firm, sound berries, but they spread quickly where the fruit has been injured in handling or is overripe and soft. In 1911 the Government investigators made comparative tests of the keeping qualities of carefully handled raspberries and commercially handled raspberries. Several lots of each kind were held in an ice car for varying periods and then examined for the percentage of decay.

After four days in the ice car it was found that the carefully handled berries showed only 0.4 per cent decay, while the commercially handled fruit had 4.6 per cent. After eight days in the car the difference was vastly greater. The carefully handled fruit showed only 2.2 per cent decay, but with the commercially handled this percentage had risen to 26.7, or more than ¼ of the entire shipment. When the fruit was examined a day after it had been taken out of the ice car, the evidence was equally strong in favor of careful handling.

The following year experiments were made with actual shipments instead of with the stationary refrigerator car, and the results confirmed previous conclusions. Carefully handled fruit that was four days in transit, and had then been held one day after withdrawal from the refrigerator car, showed less than one per cent of decay, whereas commercially handled berries subjected to the same test

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25 Acres—Best Varieties.

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California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

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Well grown and in large supply.

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Any quantity, size and age. No better grown Shade and Ornamental Trees, Shrubs and Vines. Full Line of Fruit Trees and Plants. GET OUR PRICES AND CATALOGUE.

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Eight distinct varieties, Per 100 Per 1000
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showed nearly 10 per cent. The difference between the carefully handled and the commercially handled lots of berries consists chiefly in extra care in picking and in the scrupulous exclusion of any soft, overripe berries. Another cause for decay is the inclusion in shipments of overripe berries.

With the best of care, however, the weather must remain a very important factor in determining the success of shipments. During wet, rainy periods the berries become soft, very tender, and full of moisture. During protracted periods of wet weather, therefore, picking becomes impracticable and the berries tend to become overripe. Prompt cooling or loading, in order to get the berries under the influence of low temperatures as quickly as possible, is essential.

Investigations were also made into the value of pre-cooling. The results brought out clearly the fact that pre-cooling is of great service and value to raspberries that are in maximum good condition. The pre-cooling, however, must be done promptly and thoroughly to be of greatest value.

CHAMPAIGN, ILL.—J. E. Yeats' greenhouse, being built at the corner of Springfield avenue and Third street, is progressing nicely. The office will be of stucco enclosed with large plate glass windows and the greenhouse and palmhouse are to be of steel construction.

Louis Leroy's Nurseries Company

ANGERS, FRANCE

L. LEVAVASSEUR and L. COURANT, Proprietors-Directors
Established 1795

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Exports exceed 25,000,000 stocks annually.

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Extract from General Catalogue (Edition A. F.) gratis and free on demand:

Against 12 cents (cost of postage), and 25 cents (cost of volume)—(which sum of 25 cent will be refunded at the first order of the value of at least \$10.00), our general illustrated descriptive and analytical Catalogue (Edition A. F.), 385 pages and 135 explanatory vignettes giving the full descriptive Nomenclature with prices of all the plants which we cultivate, will be sent free to any person applying for same.

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ROSES-ROSES-ROSES

Best Sorts of Best Quality Only.

We are now booking orders for Fall delivery. Stock large of all leading old and newer varieties, at lowest possible prices consistent with grading of stock, to meet these difficult times.

—ALSO—

FRUIT TREES, GRAPE VINES, POT ROSES, ETC.

Send your orders early, or for quotations on your requirements.

STUART LOW CO., Royal Nurseries

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Shrubbery

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BEST FOR OVER HALF A CENTURY
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Price list now ready.

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VIOLET PLANTS

For sale Queen Louise; good healthy field-grown stock, \$1.50 per 100. Cash with the order.

AUGUST WEGNER

600 Silver Lake St., OCONOMOWOC, WIS.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetnik, Cleveland, O., President
Daniel R. Comly, Philadelphia, Pa., Vice-President;
S. W. Severance, Louisville, Ky., Secretary;
E. A. Dunbar, Ashtabula, O., Treasurer.

GRAFTON, Mo.—E. H. Riehl, of this city, has entered the \$1,000 prize contest for an ever-bearing strawberry and has shipped to R. N. Kellogg & Co., Three Rivers, Mich.; a plant bearing 27 berries and blossoms.

Prices of Indoor Fruits and Vegetables.

Chicago, August 31.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 40 to 50 cents; radishes, \$1.25 to \$2.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 30 to 50 cents; tomatoes, 4 baskets, 25 to 50 cents.

New York, August 31.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, 50 cents to \$1.50 per basket; mushrooms, \$1.00 to \$2.50 per 4-pound basket; tomatoes, 10 cents to 50 cents per package; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 50 cents to \$1.75; rhubarb, per 100 bunches, 75 cents to \$1.25.

Yellow Sweet Corn.

In recent years the positions of varieties of sweet corn have undergone some changes owing to the introduction of the yellow varieties. These yellow sorts were slow to gain recognition, but now that they have gained popularity they threaten to carry the whole field. In our own experience it is now hard to sell the white varieties. We were fortunate in foreseeing this demand, hence planted heavily of the yellow kinds for this season and have been able to sell our product at good prices in the face of an overstocked market in general. The two varieties we are using this season are Golden Bantam and Golden Evergreen. Of these the Golden Bantam is easily the most popular. This suits us, too, as being so much smaller, it is easier to handle and it brings the better price.

Golden Bantam is, strictly speaking, for the fancy trade, as it is too small to feed the hungry man. Its culture presents two difficulties: It is weak in constitution, therefore, demanding the best of land and treatment, and it goes out of condition very quickly, hence constant replanting is necessary. Of the yellow Evergreen we can say that its chief fault is lack of uniformity. It has produced ears of every description, from the tiny Golden Bantam to the monstrous Stowell's Evergreen—all beautifully golden yellow and of fine quality and scattered over a long period of ripening. It has proved thrifty and productive and a money maker.

Sweet corn in general retains its hold upon the public. In the summer and fall months it easily outsells all other vegetables, not excluding tomatoes and melons. People do not seem to tire of corn and the south is a big factor in breaking down our markets as with other lines. One grower recently remarked that their success in the summer depends directly upon a constant

supply of corn. As long as they have good corn the customers will come and buy other things, but if they are out of corn, these people go elsewhere and the loss of trade is serious. He further says that in spite of great pains they are often out of corn. We have been very successful by planting a bunch of varieties the same day. These were used this season: Early Iowa, Quincy Market, Champion, Early Evergreen, Stowell's Evergreen. Then by planting the Evergreen every ten days up to July 1 we have no break. This has been the best corn season we ever saw as the constant showers and moderate temperatures have produced perfect ears in abundance—that is where weeds were kept in control.

MARKETMAN.

Rail Shipped Tomato Crop Sources.

Beginning early in the year and continuing until late in the fall, tomatoes are shipped commercially from over half of the states of the Union. There is probably no other perishable vegetable commonly grown out of doors in the United States which appears on the market through a longer season than does the tomato.

Florida, of course, with its location and climate, stands as the premier tomato state and starts the tomato movement each year in January. The northern states, such as New York and Ohio, finish out the season in October, and by the time the movement is over, approximately 12,000 cars are moved for table consumption, according to a recent survey made by the United States department of agriculture and published in Bulletin No. 290, "Rail Shipments and Distribution of Fresh Tomatoes in 1914."

Florida ships about half the tomatoes moved (6,000 cars), with Mississippi, New Jersey, and Texas handling approximately 1,500 cars apiece. The other states grow tomatoes in smaller quantities, but in certain districts such as western Tennessee, the crop is of great local importance.

The different tomato-growing localities endeavor to raise their crop so as not to be in competition with each other, and every effort is made to rush the crop to market before the local tomatoes come in. The last of the southern crop is frequently wasted because it cannot sell in competition with northern tomatoes.

The bulletin published by the department of agriculture contains charts showing the shipping periods of the various states, a map with the tomato-producing sections indicated, and a list of the railroad stations shipping tomatoes with the amount shipped from each.

TAMPA, FLA.—The Knoll Floral Co. have removed to 408 Tampa street.

DAYTON, O.—The Dayton Florists' and Gardeners' Association held its annual outing August 24.

COLUMBIA, Mo.—Miller & Edwards, proprietors of the Sunnyslope Greenhouses, are planning to erect an addition to cost \$8,000.

MORGANTOWN, W. VA.—The annual meeting of the West Virginia State Horticultural Society will be held in this city early in January.

MASURY, O.—The Service Greenhouse has been sold to A. W. Ely and G. H. Lloyd, and will be conducted under the firm name of Ely & Lloyd.

CARTHAGE, Mo.—Thomas R. and Dolie Johnson, proprietors of the Carthage Greenhouse, have sued Oscar De Graff of Joplin, Mo., for \$3,000, alleging that misrepresentations were made in making the sale of the greenhouse to the complainants.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

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Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabions, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

"A BIRD IN THE HAND"



You know the adage. Well, a **Hydrangea** in America is worth several **Azaleas** in Belgium right now. Of course, the **Azaleas** may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock when there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS

For example. We offer:

- Otaksa, with 7 to 10 branches.....at \$25.00 the 100
- Otaksa, with 5 and 6 branches.....at 20.00 the 100
- Otaksa, with 4 branches.....at 15.00 the 100
- French Novelties, all the best ones, at 5.00 the 100 addition for the same sizes.

They are all in six inch pots now, plunged outside, and growing like weeds, rich deep-green healthy foliage, and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next Spring. Stick a pin in that. We want every progressive florist to get in touch with us.

Wholesale Only—

Ours Are "Made in America."

JACKSON & PERKINS COMPANY, Newark, New York

Robert Craig Co...
High Class PALMS
 and Novelties in Decorative Plants.
 Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

BOXWOODS--Most Beautiful Stock

- Pyramids, 2 ft.....\$1.00 each
- Pyramids, 2½ ft.....1.50 each
- Pyramids, 3 ft.....2.00 each
- Pyramids, 3½ ft.....2.50 each
- Standard Shape, 14x14 in.....2.50 each
- Globes, 14x14 in.....3.00 each
- Heavy Bushes, 2-ft.....1.50 each
- Nice Bushes, 15-in......35c each

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Chrysanthemum Novelties My Specialty
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SPECIAL SALE OF
Asplenium Nidus Avis
 (Bird's nest Fern)
 At greatly reduced prices to make room for Christmas Stock.
 4-in. pans.....\$ 4.00 per doz.
 5-in. pans.....6.00 per doz.
 6-in. pans.....12.00 per doz.
 7-in. pans.....15.00 per doz.
 8-in. pans.....24.00 per doz.
 Write for Wholesale List of Ferns, Palms, Etc.
 Fernish Ferns in flats and 2¼-inch pots a Specialty.
H. PLATH, THE FERNERIES,
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 SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.
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ROSES
 1-year, pot-grown, in good assortment. New crop offerings in Fall List, September.
THE LEEDLE FLORAL COMPANY.
 SPRINGFIELD-OHIO.
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A Few Good Things You Want.

- Asparagus Plumosus, 2-in., \$2.50 per 100.
 - Geraniums, Nutt. Buchner, Ricard, Perkins. Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
 - Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
 - Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
 - Rex Begonia, 2¼-in., \$5.00 per 100.
 - Vinca Var., 2 in., \$2.00 per 100.
- Cash with order.

GEO. M. EMMANS, Newton, N. J.

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

FINEST Pansy Seed QUALITY

My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture, 1 pkt, 5000 seed, \$1.00; ½ oz., \$2.00; 1 oz., \$4.00. Cash with order. **E. B. JENNINGS, Southport, Conn. Lock Box 254.**
 Grower only of Fine Pansies.

Home of Pansies.
 Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. \$2.50 per 1000. 5000 for \$10.00.
Elmer Rawlings, Home of Pansies, ALLEGANY, N. Y.

Some Excellent Stock In Abundance

Liberal extras for early orders

Size of pots.	100	1000
2 1/4-in. Asparagus Plumosus.....	\$2.50	\$22.50
3 -in. Asparagus Plumosus.....	5.00	45.00
4 -in. Asparagus Plumosus, 1 1/2 ge pots	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2 1/4-in. Begonia Chatelaine.....	6.00	55.00
3 -in. Begonia Chatelaine.....	10.00	95.00
2 1/2-in. Begonia Erfordi and Luminosa	4.00	38.00
3 -in. Begonia Erfordi and Luminosa	7.50	70.00
2 1/4-in. Primula Obconicas. Fancy mixed or separate colors.....	2.50	22.50
2 1/4-in. Chinese Primrose. Choice m'x'd	3.00	25.00
2 1/4-in. Cinerarias. Assorted.....	2.35	20.00
2 1/2-in. Smilax.....	2.50	22.50
2 1/4-in. Cyclamen. Eight varieties....	6.00	55.00
3 -in. Cyclamen. Eight varieties....	8.00	75.00
10,000 Ferns - From bench: Boston, Scottii, Elegantisima, Piersoni, etc.,	\$12.50, \$15.00	add \$20.00 per 100.
Field-Grown Violet Plants. Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell; 6in. stock.	\$5.00 per 100	\$45.00 per 1000.
2 1/4-in. Violet Plants-Marie Louise and Lady Campbell, 3.00 per 100	\$25.00 per 1000.	
3-in. pot plants. \$4.00 per 100, \$35.00 per 1000.		

Send your orders today. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist, WASHINGTON, N. J.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.
Prices low. Send for list.

Wood Brothers. FISHKILL New York

SMITH'S REVISED

Chrysanthemum Manual

The best work on Chrysanthemum culture for the florist. Treats the subject in a concise manner, covering the whole work from care of stock to staging blooms. Price, 50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

West Hoboken, N. J.

Herman C. Steinhoff now spends much of his time at his West Norwood range and nursery, where he has a large and varied stock. At West Hoboken we found Foreman Dwyer busy planting bouvardia from the field to the houses. Pot roses, bouvardia in variety, lilies and bedding plants are staple products of the Steinhoff ranges. The bouvardias are grown for cutting, and this season there are about 200,000 plants. It would seem to be a fairly profitable crop as cutting begins three weeks after planting in the houses.

Somebody has recently said that nearly all the farmers were growing asters this year. That remark was probably intended as a joke, but no matter who grows them, they are very plentiful, but all are not good. At Rudolph Wittman's we have recently noted exceptionally fine asters. Mr. Wittman is also a good plantsman and always has a fine stock of bedding plants for the spring trade. He also grows a good stock of bouvardia.

Since the readjustment of postal routes in this section, the address of John Tschupp & Co., is North Bergen, but as they are just across the Hudson boulevard, visitors to West Hoboken can conveniently visit them. This range is also noted for good bedding plants, and good chysanthemums are also grown.

John Birnie, like his lamented father, is a good plantsman, and also has a fine stock of carnations and chysanthemums coming on.

George Giatras, who is a grower of ferns, has recently made great im-

300,000 Field-Grown Carnation Plants

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
Pink Enchantress	\$4.50	\$40.00	Mrs. C. W. Ward	\$3.50	\$30.00
Rose Pink Enchantress, -	4.00	35.00	Philadelphia.....	5.00	40.00
White Perfection	4.00	35.00	Zoe Symonds.....	3.50	30.00
			Washington.....	6.00	50.00

Order Today

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

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CYCLAMEN



Giant English Grown

Each, \$1.00 per 100; \$8.00 per 1000 seeds.

Rosy Morn, Grandiflora Alba, Excelslor, Princess May, Mauve Queen, Duke of Fife, Princess of Wales.

Giant German Grown

Each, 65c per 100; \$5.00 per 1000 seeds.

Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.

Glory of Wandsbek.

Attractive salmon. Price - 100 seeds, \$1.25; 250 seeds, \$2.85; 1000 seeds, \$10.00.

PRIMULA Vaughan's International Mixture. } As much liked as our
1-16 oz., \$4.00; 350 seeds, 50c. } Pansy seed of this name.

MIGNONETTE.

New York Market.....Oz., \$7.00; 1/8 oz., \$1.00; Trade pkt., 50c
Grown for us for years by a mignonette specialist.

Giant Machel.....Oz., 75c; 1/4 oz., 40c; Trade pkt., 10c

VAUGHAN'S SEED STORE, CHICAGO NEW YORK

provements in his range. Several houses have been rebuilt and a new office and show room is noteworthy.

J. Baughman specializes in table and other ferns and always has a fine stock. A. F. F.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

ALYSSUM, double giant, very strong, 2-inch, \$2 per 100; \$18 per 1000. C. HUMFELD, Clay Center, Kans.

ARAUCARIAS.

Araucarias, Excelsa, 5-inch, 2 to 3 tiers, 50c each; 5-inch, 3 to 4 tiers, 60c; 6-inch, 4 tiers, 75c; 7-inch, 4 to 5 tiers, \$1; 7-inch, 5 tiers, \$1.50. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 6-inch, 3 tiers, \$1.50; 6-inch, 3 to 4 tiers, \$2; 6-inch, 5 to 6 tiers, \$4 to \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/4-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/4-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alouzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; 4-inch, 8c and 10c. C. HUMFELD, Clay Center, Kans.

Asparagus plumosus, 2 1/4-inch, \$2 per 100; \$18 per 1,000. Sprengeri, seedlings, \$1 per 100; \$7 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, \$12.50 per 100; 2-inch, \$3; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

BEGONIAS.

BEGONIA LORRAINE.

Per 100	Per 100
2 1/2-inch.....\$12.00	4-inch.....\$35.00
3 -inch.....20.00	5-inch.....50.00

BEGONIA GLORY OF CINCINNATI.

Per 100	Per 100
2 1/2-inch.....\$15.00	3 1/2-inch.....\$30.00
3 -inch.....25.00	4 1/2-inch.....40.00

JULIUS ROEHS CO., Rutherford, N. J.

BEGONIA CINCINNATI, 2 1/2-inch, \$15 per 100; 3-inch, \$25 per 100. Florence Davenport, 2 1/4-inch, \$15 per 100. BEGONIA MELIOR, 2 1/4-inch, \$25 per 100. CHATELAINE, 2 1/4-inch, \$4 per 100; 4-inch, \$15 per 100. ER-FORDII, PRIMA DONNA, TRIUMPH, 2 1/4-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Chatelaine, 4-inch pots, \$15 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonia De Chatelaine, Pützer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and pink, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BERBERIS.

BERBERIS THUNBERGII. Very bushy, strong plants, 12-18-inch, \$15 per 1,000; \$6 per 100; 18-24 inch, \$70 per 1,000; \$7.50 per 100; 2-2 1/2 ft., \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy, uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.

BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.

THE D. HILL NURSERY CO., Inc., DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Frauen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehs Co., Rutherford, N. J.

BULBS.

Bulbs, Paper White Grandiflora, fancy, 1,250 to case, \$9 per 1,000; Star Braud, 1,000 to case, \$11 per 1,000; Precocious, Vaughan's Extra Early Grandiflora, select bulbs, 13 ctms. and up, \$9 per 1,000; mammoth, 14 ctms. and up, \$12 per 1,000. White Roman hyacinths, 11 to 12 ctms., 2,500 to case, \$21 per 1,000; 12 to 15 ctms., "whole crop", 1,800 to case, \$27 per 1,000. Lilium Formosum, 7-9-inch, 250 to case, \$60 per 1,000; 9-10-inch, 180 to case, \$80 per 1,000. Callas, 1 1/4 to 1 1/2-inch, \$50 per 1,000; 1 1/2 to 2-inch, \$80 per 1,000; 2 to 2 1/2-inch, \$100 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Formosum, 7-9-inch, 250 to case, \$3.50 per 100; \$60 per 1,000; 8 to 10-inch, 200 to case, \$9 per 100; \$80 per 1,000; 9-10-inch, 160 to case, \$10.50 per 100; \$95 per 1,000; 10-11-inch, 125 to case, \$16 per 100; \$150 per 1,000; 11-13-inch, 100 to case, \$20 per 100; \$180 per 1,000. A. Henderson & Co., 369 River St., Chicago.

DUTCH AND FRENCH BULBS. We have now ready for distribution price list of bulbs we will have on hand in our St. Louis warehouse during the 1915 fall season. Write us for a copy of this list. LECHNER BROS., WEBSTER GROVES, MO., Agents for The Growers' Association, Anna Paulowna, Holland.

Bulbs, Paper White Grandiflora, 13 up, 1,250 to case, \$8 per 1,000; 14 up, \$10 per 1,000. French Roman hyacinths, 12-15, \$28 per 1,000. Lilium Formosum, 7-9, 250 per case, \$60 per 1,000; 9-10, 180 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Lilium Formosum, 7-9, 250 to case, \$15.50 per case; 9-10, 180 to case, \$17 per case. Cold Storage lilies: Giganteum, 9-10, 200 to case, \$17; 7-9, 300 to case, \$15. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

BULBS.

BIG DROP IN BULBS. Send for special prices. Darwin tulips, single and double tulips, hyacinths, narcissus. Plant Darwin tulips this year outdoor for Memorial. Melrose Bulb Importing Co., Melrose, Mass.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellcott St., Buffalo, N. Y.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

CANNAS, good varieties, strong plants in 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

400,000 FIELD-GROWN CARNATION PLANTS. LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT. GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

	Per 1,000.
WHITE WONDER	\$60.00
WHITE PERFECTION	50.00
WHITE ENCHANTRESS	50.00
PINK ENCHANTRESS	50.00
BEACON	50.00
COMFORT	55.00
PHILADELPHIA	70.00

500 at 1,000 RATE.
PITTSBURGH CUT FLOWER COMPANY.
FRED BURKI Pres. T. P. LANGHANS, Sec.
W. A. CLARKE, Treasurer.
THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES.
CARNATION SPECIALISTS.

WHOLESALE GROWERS.
116-118 SEVENTH ST., PITTSBURGH, PA.
YOURS FOR THE ASKING—A BEAUTIFUL PICTURE—"ACRES OF GLASS."

FIELD-GROWN CARNATION PLANTS.

	100.	1,000.
Enchantress Supreme	\$6.00	\$50.00
Champion	6.00	50.00
Philadelphia	6.00	50.00
Beacon	6.00	50.00
White Perfection	6.00	50.00
White Wonder	6.00	50.00
Enchantress	6.00	50.00
Mrs. C. W. Ward	6.00	50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

George Peters & Sons, New York
Hempstead,

25,000 FINE FIELD-GROWN CARNATION PLANTS.

	100	1,000
White Wonder	\$6.00	\$50.00
Enchantress	6.00	50.00

SINNER BROS.,
155 North Wabash Ave., Chicago.

7,000 fine Carnation Plants, plants that will please you; grown for the trade. Last call, \$40 per 1,000; 250 at 1,000 rates in the following varieties: Beacon 1,200; Perfection 1,300; Ward 1,700; Light Enchantress 2,000; Rose Pink Enchantress 1,100; Rosette 400. McINTYRE FLORAL CO., Nashville, Tenn.

Healthy Field-Grown Carnation Plants. White Enchantress, White Wonder, Harry Feun, Winsor and Pink Delight, \$50 per 1,000. A. N. EATON, So. Sudbury, Mass.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD GROWN CARNATION PLANTS
"SELECT QUALITY"

	Per 100	Per 1,000
White Enchantress	\$6.00	\$55.00
White Perfection	4.50	40.00
White Wonder	5.50	50.00
Enchantress	5.00	45.00
Ward	4.50	40.00
Princess Charming	4.50	40.00
Sangamo	4.50	40.00
Herald	5.50	50.00
Harlowarden	4.50	40.00
Victory	4.50	40.00
Yellow Lawson	4.50	40.00
Rosette	4.50	40.00
Winsor	5.50	50.00

JOHN KRUCHTEN COMPANY,
162 N. Wabash Ave.,
Chicago.

FIELD-GROWN CARNATION PLANTS.
Fine, clean, healthy stock, which leading florists everywhere recognize as the best obtainable. Our plants are unusually fine this season and we advise placing orders early for immediate or future delivery. The demand is heavy for good stock and we fill all orders in rotation. Order today.

	100	1000
Washington	\$5.00	\$45.00
White Enchantress	6.00	55.00
Champion	6.00	55.00
White Perfection	5.00	45.00
Victory	5.00	45.00
Rosette	5.00	50.00
Pink Enchantress	5.00	50.00
Philadelphia	6.00	55.00

VIETOR BROS.,
Wholesale Florists,
162 North Wabash Ave., Chicago, Ill.

CARNATIONS FOR SALE.

	Per 100	Per 1000
Philadelphia	\$5.50	\$50.00
Rose Pink	5.50	50.00
Dorothy Jordan	5.50	50.00
Beacon	5.50	50.00
Enchantress	5.50	50.00

Cash, please.

JOHN BLECHSCHMID, 4300 East 122d St.,
CLEVELAND, OHIO.

CARNATIONS.

	Per 100
Pink Enchantress	\$6.00
White Enchantress	6.00
Beacon	7.00
Herald	8.00

R. O. LOMMATZSCH,

B. No. 1. La Grange, Ill.

Carnations, Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, White Perfection, \$4 per 100; \$35 per 1,000. Mrs. C. W. Ward, Zoe Symonds, \$3.50 per 100; \$30 per 1,000. Washington, \$6 per 100; \$50 per 1,000. Philadelphia, \$5 per 100; \$40 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD-GROWN CARNATIONS: Enchantress, White Enchantress, Rose Pink Enchantress, Philadelphia, O. P. Bassett, Beacon, \$6 per 100; \$55 per 1,000. Cash please. HARRY HEINL, West Toledo, Ohio.

STRONG FIELD GROWN CARNATIONS

Enchantress	\$3.50 per 100
Ward	3.50 per 100
Rose Pink Enchantress	3.50 per 100
Philadelphia	4.00 per 100

H. H. CADE, Youngstown, Ohio.

FIELD-GROWN CARNATION PLANTS.

Extra strong, healthy stock.
Pink Enchantress, \$4 per 100; \$35 per 1,000.
ZECH & MANN, CHICAGO, ILL.

Carnations, field-grown. For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., 1201-1205 Race St., Philadelphia, Pa.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, \$3 per 100; \$25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS, good assortment, 2½-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.
COLEUS, Brillancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIG., Wandsbek type, finest in existence, 2½-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000; 4-inch, \$15 and \$20 per 100. CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties, equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Cyclamen, best German strain, 3-inch, \$8 per 100; 4-inch, \$15 per 100; 4-inch select, \$20 per 100. Seedlings from flats, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2½-inch, \$5 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracaena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACAENA INDIVISA, 4-in., \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

Ferns, Boston, Roosevelt and Whitman, 5-inch, 25c each; \$23 per 100; 6-inch, 50c each; \$45 per 100; 7-inch, 75c each; 8-inch, \$1 each; 10-inch, \$2 to \$2.50 each; 12-inch, \$3 to \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.80 per doz.; 2½-in., \$3 per 100. Elegantisima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$6 per 100. Elegantisima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2½-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3½-in., \$3 per doz. Harrisii, 8-in., \$12 per doz.; Superbissima, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfieldii, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfieldii, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.

Exclusive Fern Growers,
SPRINGFIELD, OHIO.

BOSTON FERNS. Extra good quality, heavy, bushy, established plants, 4-inch, \$15 per 100; 5-inch, \$22 per 100; 6-inch, \$30 per 100. ASPARAGUS PLUMOSUS, 4-inch, extra heavy, \$8 per 100. Order now. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

THESE ARE POT-GROWN STOCK.

4-inch Bostons...12c 7-inch Bostons...60c
5-inch Bostons...25c 8-inch Bostons...50c
6-inch Bostons...40c

R. R. DAVIS COMPANY, MORRISON, ILL.

Asplenium nidus avis (Birdsnest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2½-in. a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, from bench, Boston, Scottii, Elegantisima, Piersoni, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

TABLE FERNS, strong 2½-inch at \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.
Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, 3-inch plants ready for immediate shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Green, boxwood, 8c per lb. Princess pine, 40c per lb. Leucothoe, long, \$2.50 per 1,000; short, \$1.25 per 1,000. Galax, 50c per 1,000. J. M. Black, Hartford, Tenn.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

"A Bird in the Hand"—You know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otakasa, with 7 to 10 branches at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. FRENCH NOVELTIES, all the best ones, at \$5 the 100 addition for the same sizes. They are all in six-inch pots now, plunged outside, and growing like weeds, rich deep-green, healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY,

NEWARK, NEW YORK.

Wholesale only. Ours are "Made in America."

Hydrangea P. G. bush, 2-3 ft., \$7 per 100. Tree shape, 3 ft., \$15 per 100. Extra fine, two-year plants, field grown. Write for our wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y.

HYDRANGEAS, Otakasa, in bloom, from 25c to \$3 each. Small plants, 3-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Lochner & Co., Inc., 11 Warren St., New York.

Lily of the Valley, Cold Storage, packed in cases of 500 pips each, \$9 per case. F. B. Pierson Co., Tarrytown, New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Swainsona Galegifolia alba rosea, 2-inch, 40c per doz.; \$2 per 100; 3-inch, 60c per doz.; \$3 per 100. Double alyssum, moonvines, coleus, petunias, ageratum, salvia, heliotrope, lemon verbenas, laetiaa, parlor ivy, English ivy, pom-pom chrysanthemums, ivy geraniums, tradescantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, & Sons Co., White Marsh, Md.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

UMBRELLA plants, strong 3 to 5-inch pots. \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock: Pear, apple, Mahaleb, Mazzard, Myroblan and Angers Quince stocks, forest trees (seedlings and transplanted), evergreens, ornamental shrubs, manetti, multiflora and roses. Louis Leroy's Nurseries Co., Angers, France.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q. Bogoto (chaperero) Colombia.

PALMS.

Table with columns: KENTIA BELMOREANA, Single Plants, Leaves, Inches high, Each. Rows include 4-inch pots, 6-inch pots, 8-inch tubs, etc.

Table with columns: KENTIA BELMOREANA, Made-up plants, 6-inch pots, 7-inch pots, Specimens, KENTIA FORSTERIANA, Single Plants, Leaves, Inches high, Each.

Table with columns: PHOENIX ROEBELENI, 7-inch pots, 7-inch pots, 8-inch tubs, 10-inch tubs, 10-inch tubs.

Table with columns: ARECA LUTESCENS, 6-inch pots, 7-inch pots, 8-inch tubs, POEHLMANN BROS. CO., MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22-ins. high, \$1 each; \$12 per doz.; Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

Palms. For varieties, sizes and prices, see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each; 6-inch strong, \$1 each; 7-inch, \$1.50 each; 8-inch, \$2. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. We have an exceptionally large stock of our own growing, strictly true to name. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

PEONIES, 3 to 5 eyes, named kinds, \$15 per 100. Our selection, \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

Dreer's herbaceous peonies. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

PHLOXES.

PHLOX, Choice Varieties, \$5 per 100. Strong clumps, field-grown. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

POINSETTIAS.

POINSETTIAS HEADQUARTERS. All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock. Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2 1/2-inch pots, plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

POINSETTIAS, true stock; 2 1/2 and 2 1/2-inch, fine plants, \$5 per 100. ERIE FLORAL CO., West 26th St., Erie, Pa.

Poinsettias, strong plants, 2 1/2-inch, \$5.50 per 100; 250 for \$12.50. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

PRIMULA OBCONICA GRANDIFLORA and GIGANTEUM, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primroses, Chinese and Malacoides, 2 1/2-inch, \$2 per 100. Forbesii, Obconica Alha rosa and Ruby, 2 1/2-inch, \$1.50 per 100. Ob. gigantea, 2 1/2-inch, \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

Primula obconica, mixed or separate colors, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

PRIMULA OBCONICA, Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS. Fine healthy stock ready for immediate shipment. If you want the best, place your order with us. Per 100 Per 1,000

Table with columns: Pink Killarney, 2-inch, \$4.00, \$35.00; White Killarney, 2-inch, 4.00, 35.00; Killarney Brilliant, 2-inch, 7.00, 60.00

WIETOR BROS., 162 North Wabash Ave., CHICAGO.

GRAFTED ROSES—VERY FINE. Killarney, White Killarney, 3-inch, \$10.00; Killarney Brilliant, 3-inch, 10.00

BENCH PLANTS. 150 Aaron Ward, grafted, one-year, \$5.00; 650 Milady, grafted, one-year, 5.00; 300 Killarney, grafted, two-year, 4.50

GULLETT & SONS, LINCOLN, ILLINOIS.

ROSES, -good, strong, two-year-old, field grown, own roots or buds, for forcing. Baby Ramblers red, pink and white; Dorothy Perkins, White Dorothy Perkins, Hiawatha, Tausendschön, Magna Charta, etc. Write for our full list, special prices, and wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y. Roses, Grafted 3 1/2-inch: 150 Bulgaria, \$14 per 100; 50 Cecile Brunner, \$14 per 100. 3 1/2-inch own root: 137 Bulgaria, \$9 per 100; 65 Brunner, \$9 per 100. Grafted 2 1/2-inch: 325 Bulgaria, \$10 per 100. Bulgaria, own root 2 1/2-inch, \$5.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, \$6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses, field-grown, hybrid perpetuals, creeping and climbing. Write for list and prices. Elizabeth Nursery Co., Elizabeth, N. J.

Roses, best sorts of best quality. Stuart Low Co., Royal Nurseries, Bush Hill Park, Mddx., England.

Roses. Geo. A. Kuhl, Pekin, Ill.

SEEDS.

Seeds, cyclamen, Giant English grown, each, \$1 per 100; \$8 per 1,000 seeds: Rosy Morn, Excelsior, Mauve Queen, Princess of Wales, Grandiflora alba, Princess May, Duke of Fife. Giant German grown, each, 65c per 100; \$5 per 1,000 seeds: Pure white, dark Crimson, Rosa Von Marienthal, dark rose, white with carmine eye. Glory of Wandsbek, attractive salmon, \$1.25 per 100; \$2.85 per 250; \$10 per 1,000 seeds. Primula: Vaughan's International mixture, 1-16 oz., \$4; 350 seeds, 50c. Mignonette, New York Market, oz., \$7; 1/2 oz., \$1; trade packet, 50c. Giant Machel, oz., 75c; 1/2 oz., 40c; trade packet, 10c. Vaughan's Seed Store, Chicago and New York.

Seeds, Pansy, Barnard's Florists' Mixture, Trade packet, 25c; 1/2 oz., \$1; 1/2 oz., \$3.50; oz., \$7. Giant Mixture, trade pkt., 20c; 1/2 oz., 50c; oz., \$4. Calceolaria Hybrida grandiflora, trade pkt., 50c. Cineraria Hybrida grandiflora, trade pkt., 50c. Primula Sinensis fembrata, separate colors and mixed, trade pkt., 50c. Seeds of hardy perennials. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

PANSY SEEDS, finest GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant Mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Holland grown seeds. Beets, mangels, sugar beets, cabbage, cauliflower, celeriac, chicory, cornsalad, cress, endive, kale, kohlrabi, leek, mustard, parsley, parsnip, radish, spinach, turnip, rutabaga. Sluis Brothers, Enkhuizen, Holland.

CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette Ill.

Seeds, growers of asparagus, broad beans, beet, broccoli, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicory, dandelion, leek, lettuce, mangel, onion, parsley, parsnip, radish, Swiss chard, turnip, swedes. Dealers in grass and clover seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, France.

PANSY SEEDS, FINEST GERMAN GIANT GOLD medal strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common giant mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriacs, parsleys, parsnips, turnips. R. & M. Godineau, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, cauliflower, cabbages, rutabagas, mangels, pansies, asters, cyclamen, stocks, etc. L. Daehnfeldt, Ltd., Odense, Denmark.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Benary's seeds for florists. Send for list. Aabling-Ebright Seed Co., 89 Pike St., Seattle, Wash.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Pansy seed, \$4 per oz. Jos. H. Cunningham, Delaware, O.

SMILAX.

Smilax, 2½-inch pots, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

SMILAX PLANTS, 2-inch pots, \$2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, 2½-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SMILAX, strong 2-inch, \$1.25 per 100; \$10 per 1,000. C. HUMFELD, Clay Center, Kans.

SNAPDRAGONS.

SNAPDRAGONS, 2½-inch Nelrose and Dreer's Giant mixed, \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2½-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

STRAWBERRY PLANTS.

POT GROWN and RUNNER, ready for planting now. Earliest, latest, largest, most productive varieties. RASPBERRY and BLACKBERRY PLANTS and FRUIT TREES. Catalogue free. Wholesale price list sent to florists. Agents wanted. HARRY G. SQUIRES, Remsenburg, N. Y.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VEGETABLE PLANTS.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, \$12.50 per 100; 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 8-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

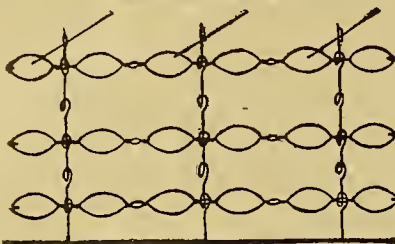
Vinca Var., field plants, 85 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2½-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

Violets, Queen Louise, field-grown, \$4.50 per 100. August Wegner, 600 Silver Lake St., Oconomowoc, Wis.

Send for a SAMPLE of our
Continuous Ring Carnation Supports
Suit Every Bench.



THE CARNATION SUPPORT CO.
CONNERSVILLE, IND.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & SON, Stratford, London, England.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway New York.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c postpaid. Elmer D. Smith & Co., Adrian, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Dreer's Peerless
Glazing Points

For Greenhouses

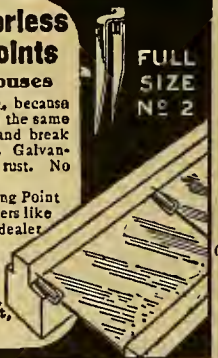
Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c, postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2



No 3 IN 1
"Red Devil"

"It's all in the wheel"

"Through Thick and Thin"

"Red Devil" Glass Cutters

They don't ask what kind or thickness of glass. They make the work easy and cut down breakage. The hand honed steel wheel does the trick.

Sample No 3-in-1—three good cutters in one, mailed postpaid for 12c. KID CASE FREE. Send for free booklet.

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WRITE FOR CATALOG
Buchbinder Bros.
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A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

—Send For Prices—

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Wired
Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by

W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Everything for
the Greenhouse

J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. CINCINNATI Union Central Life Bldg. NEW YORK Marbridge Bldg.

Boilers OF HIGH
GRADE....
For GREENHOUSES

See Our Catalogue.

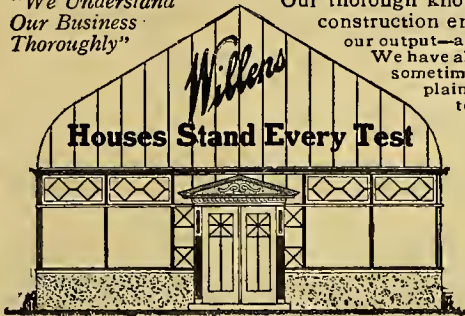
Steam and Hot Water GIBLIN & CO., Utica, N. Y.

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If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Save 10% to 20% on Greenhouses

"We Understand
Our Business
Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

What They Say:

Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,

L. Backendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue

LONG DISTANCE TELEPHONES:
HARRISON 7073 - LAWDALE 757

Chicago, Illinois

Putting One Over.

The local advertising solicitor of a Hannibal, Mo., paper called upon an enterprising florist of that town, fully confident that he would receive a half page ad from the florist to be placed in a special edition. The florist could not see the why and wherefore of such an investment, and asked the ad-man to bring out its strong points. The fellow did his best and during the course of his talk an upward movement of his arm was the sign of attraction to a hanging basket which gave him a severe jolt on the head. This particular florist grows vegetables as well as flowers and it so happened that he had an abnormal cucumber on exhibition in his window display, the cucumber being 21 inches long and weighing five and three-fourths pounds. A smaller, but mis-shaped cucumber lying on the counter offered food for the newspaper man's talk. "Now", said he, "why do you not place that smaller cucumber in the window? It is because you know it will not attract attention as the large one does." Instantly the florist replied, "No, that little one will do the trick just as readily." The ad-man, having lived in the state all his life, had to be shown and the next day the little cucumber was in the window with the following piece of home talent:

This is the cucumber
With the crumpled horn,
That grew in the glass house
In the early morn.
It will bring woe
To the newspaper man
Who said I could not attract
As much attention as the big
one can.

Business was better—but not for the newspaper man.

J. P. Jr.

CANADIAN, TEX.—A committee has been selected to view sites and make recommendations for the purchase of a city park.

DAYTON, O.—A new store will be opened early in September at Fifth and Main streets by E. E. Schaffer of the Advance Floral Co.

MINNEAPOLIS, MINN.—The Garden Flower Association of Lake Minnetonka will hold its annual flower show on Excelsior commons August 27-28.

WEST BEND, WIS.—Mrs. Fred Kesting, for several years past in charge of the greenhouses of the West Bend Floral Co., has opened a flower shop in the Regner block.

More Kroeschell Boilers and Generators used for greenhouse heating than any other make

Send for catalogue

KROESCHELL BROS. CO.

452 West Erie St., CHICAGO, ILL.

WILL SHIP WHEN WANTED

PAY AFTER BOILER REACHES YOU



The Net Returns From Your Greenhouses Is What Counts

You want to watch the initial cost, the grade and the workmanship of the material, the construction and convenience of the houses, to attain the best results. Write us for sketches and estimates. We can be of service to you.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material. Greenhouse Hardware, Hotbed Sash.

Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. Tile bottoms furnished anywhere in car-load or less quantities.

Write today for circular.

CAMP CONDUIT CO., Cleveland, O.

Hundreds of Florists have been convinced that we could save them

25% on Pipe and Fittings

Send us your list today and be convinced that we are giving you facts.

ILLINOIS PIPE & MFG. CO.

2113 S. Jefferson Street, CHICAGO, ILL.

LIQUID = "NICO-FUME" = PAPER

40% Nicotine.
 8-lb. can.....\$10.50
 4-lb. can..... 5.50
 1-lb. can..... 1.50
 1/4-lb. can..... .50

288 sheet can.....\$7.50
 144 sheet can..... 4.00
 24 sheet can..... .85

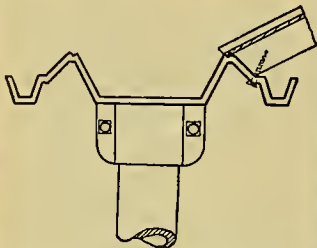
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SPRAYING — VAPORIZING — FUMIGATING

Your Dealer has these Prices

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.

Garland Cast Iron Gutter.



Here is the kind of gutter that should be used in YOUR greenhouses if you wish to enjoy the greatest economy for the the longest time.

Garland Gutter

has certain exclusive features (protected by patents) that have proved it to be by far the best type of gutter ever used in greenhouses.

Full Information on Request. Write Today.

Everything for greenhouse equipment. Complete greenhouse construction. Don't fail to get our plans and estimates for your requirements.

Garland Manufacturing Company

Makers of the Famous Garland Cast Iron Gutter

Des Plaines Illinois

Trade Directory

Price: \$3.00, postpaid

American Florist Co.,
 440 S. Dearborn Street, CHICAGO



THE RENOWNED FOOD FOR PLANTS.

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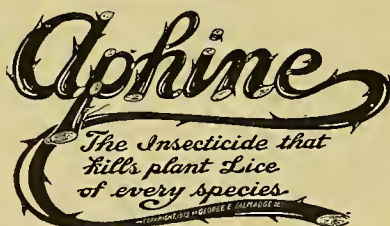
CLAY & SON, STRATFORD, LONDON, ENGLAND.



NIKOTEEN For Spraying APHIS PUNK for Fumigating

Ask Your Dealer for It.

NICOTINE MFG. CO., ST. LOUIS, MO.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
 Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
 Quart, 75c. Gallon, \$2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angle worms.
 Quart, \$1.00. Gallon, \$3.00.

SCALINE

A scaldicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
 Quart, 75c. Gallon, \$1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
 Quart, \$1.50. Gallon, \$4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

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 MADISON, N. J.

GEO. A. BURNISTON, President. M. C. EBEL, Treasurer.



Unequaled for greenhouse and landscape fertilizing.

THE PULVERIZED MANURE COMPANY
 32 UNION STOCK YARDS, CHICAGO

Mention the American Florist when writing

AETNA BRAND TANKAGE FERTILIZER

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

FARMERS' AND FLORISTS' FERTILIZER CO.

809 Exchange Ave., Room 5, Tel. Drover 1932
 U. S. YARDS, CHICAGO, ILL.

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Established 1765

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HEWS STANDARD POTS

POT MAKERS
FOR A CENTURY AND A HALF.

Also Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen,
Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc.

WORLD'S LARGEST
MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES:
Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000 1 1/4 in.,	crate, \$6.00	456 4 1/2 in.,	crate, \$5.24
1500 2 "	4.88	320 5 "	4.51
1500 2 1/4 "	5.25	210 5 1/4 "	3.78
1500 2 1/2 "	6.00	144 6 "	3.16
800 3 "	5.00	120 7 "	4.20
800 3 1/2 "	5.80	60 8 "	3.00
500 4 "	4.50		

HILFINGER BROS. POTTERY, Fort Edwards, NEW YORK.

August Rolker & Sons, 51 Barclay St., New York City Agents.

Our Specialty: Long Distance and Export trade.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Bretschwerth, Prop.

SYRACUSE, N. Y.

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Those Red Pots "STANDARDS"

Full size and wide bottoms,

BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'Y

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RED POTS

STANDARD PANS AZALEAS

HARLEY POTTERY CO.,
NASHVILLE, TENN.

NICOTINE 40%

GUARANTEED BY

The GRASSELLI CHEMICAL CO.

CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
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WRITE FOR PRICES



RED POTS

that you will be proud to have on your benches, is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?

We also have a full line of Azalea Pots, Hanging Baskets and other goods used by Florists—ask for catalogue.

We also make the famous "Mosa Aztec" Ware.

The Peters & Reed Pottery Co.

Gen'l Office and Works
SO. ZANESVILLE, O.

Chicago, H. A. Harrison,
6 East Lake St.

New York, Wm. M. Warrin, 16 W. 23rd St.

The WHILLDIN POTTERY COMPANY

FLOWER POTS

MADE IN
PHILADELPHIA

WAREHOUSE IN
LONG ISLAND CITY, N. Y.



The Haeger Potteries

make flower pots that grow the best plants and bring the best trade. Also the latest creations in glazed ware for every use.

No shipping delays. Write today for prices and particulars.

THE HAEGER POTTERIES
111 Main Street, Dundee, Ill.

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The Regan Printing House

LARGE RUNS OF

CATALOGUES

OUR SPECIALTY
WRITE FOR PRICES.

527 Plymouth Place, CHICAGO

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NEPONSET Flower Vegetable Waterproof PAPER POTS

Waterproof, Don't Break, Cost Little. Shippers may use them and save their customers many dollars in express charges.

Vaughan's Seed Store, Agents
Chicago and New York

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PRINTING FOR FLORISTS

Send for samples of Three Color Shipping Labels and Florists' Tags.

Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.

Mention the American Florist when writing



DREER'S

Florist Specialties.
New Brand, New Style,
Hose "RIVERTON"

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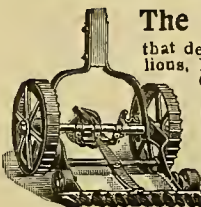
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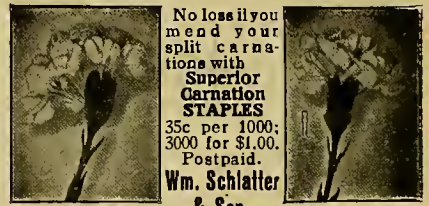
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Vol. XLV.

CHICAGO AND NEW YORK, SEPTEMBER 11, 1915.

No. 1423

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Parisian Flower Markets in War Times.

The Industry Makes Good Showing.

Primarily flowers, even cut flowers, are much more than funeral souvenirs. Some day the real popularization of flowers will come in the United States, the "vulgarization," the French call it, but prices will have to come down, and flowers will have to be much more readily obtainable than now, where the chief adjuncts of an American florist's shop are marble floors and tables, plate glass mirrors and high prices. In Paris, there has ever been very few flower shops of this variety; indeed, the chief sales are made on the Seine-side quays, the steps of the Madeleine, alongside the Conciergerie, or in the sidewalk markets of the big boulevards. Often the flowers are carried home with the vegetables by the purchasers from the big weekly, middle-of-the-street markets of the quarters.

The above mentioned are some of the things which have tended to make flowers for the Paris populace, bon marche (cheap), and therefore abundant and everywhere to be found. The boulevardier has no more difficulty getting ready at hand his boutonniere gardenia than has the midenette her corsage bouquet of muguet or of violets.

When war's fell blow first swept over Europe, the bulb crop of southern France had just been marketed, and those not sold, replanted for the coming campaign when, as fleurs couplees, the ample tiges of White Roman hyacinths and Paper White and Grandiflora narcissi ultimately expected to find their ways to the flower markets of Paris, London, Berlin, Petrograd and Brussels. How few were ever cut is recalled by the fact that from one little side-track railway in the Department of the Var in southern France, from whence in normal times a quarter of a million postal packages of cut flowers were sent during the winter campaign, there were forwarded but a bare six thousand. It was more than defeat; practically it was disaster, take it as a whole. Only those growers and shippers with well laid business foundations

were able to turn even a moderate profit. The rest totaled up their balances on the wrong side of the ledger.

Without discussing the whys and wherefores of warfare, its effect on trade in general, or on cut flowers in particular, it was the outbreak of the war in Europe a year and a quarter ago that brought the Paris flower trade in one short fortnight to the lowest ebb it had known since it began in the days when Alphonse Karr, the author-gardener, first sought to popularize the flowering blooms of the Midi of France on the streets of Paris, and thus founded that great and growing richesse, which was second only to the hotel industry of the French Riviera. By September, things had brightened up considerably and good business, if not big business, came to rule.

The trade by no means blighted itself out of existence and has, in fact, become more vigorous today than many allied industries, except possibly that of artificial mortuary wreaths of which the French have—by some inexplicable expression of bad taste directly contrary to all other traditions—ever preferred to natural flowers as a funeral symbol. This, however, is only a sidelight, but the glass-bead flower (?) wreaths and bronze palms and bay-leaves industry has taken a bound toward prosperity which they have never hitherto known.

If anyone had, at the beginning of the war, predicted that fresh flowers would have been continuously available in the Paris markets, he would have been classed as a too optimistic optimist. What with cheap prices, and they have been cheaper than ever, a universal taste for flowers by all classes of society, a great demand as hospital gifts for the wounded, and for what funeral uses may have been made of them, there has been a very notable volume of business accruing as a result—the silver lining to the cloud. In spite of all the worries and sorrows, flowers, of all modern luxuries, if they be not actually necessities when regarded from a psychological point

of view, have been most in demand in these days of war in la ville lumiere.

At the beginning, because of the universal upset state of labor and transport and the excitement of the first days of mobilization, the Paris market was bereft of a single bloom. As conditions improved a few auctions were held in the Carre des Fleurs in the Halles Centrales—supplies whose standing orders had not been countermanded during the first excitement. Fortunately this led for the most part to a re-arranging of supply in comport with the demand, with the result that more or less regular orders were booked by most of the former growers who supplied Paris markets regularly. Largely the available stocks came from suburban Paris growers, who were producing sometimes in the open and sometimes under glass. Orders filled by Riviera growers were at this time fewer, but still they got a share, and with improving railway facilities and the re-establishment of the parcel post, which had been suppressed during the first days of war, business regularly increased.

The energetic president of the National Horticultural Society of France, Monsieur Vigier, who is also a government official, was able to induce the P. L. M. railway—though it had perforce been obliged to suppress its famous "Cut Flower Express" of recent years—to make a heroic effort to expedite all perishable flower shipments from Mediterranean France, with the result that the "arrivages" on the Paris markets came through with almost an ante-war regularity and rapidity. Today the fast expresses between Paris and the Riviera take only an appreciable hour longer than formerly, at a speed, let it not be that any arrogant American will deny, that is a very near approach to the "twenty hour trains" from New York to Chicago. And this is war-time France, with one-seventh of its area and over 50 per cent of its cotton, woolen and metal industries in the hands of the enemy. Cheerful optimists, the French!

The wholesale flower distribution on the Paris markets today, as almost continuously since the beginning of hostilities, may be claimed to have exceeded expectations. That's encouraging, and since everything is relative, the flower dealers of Paris have far less complaint of bad business than the green grocer on the corner who, often, has not potatoes to sell, or the epicier down the street who may have no salt to sell at any price. For a fact, these are but momentary defaultances, but salt and sugar and potatoes do seem to have slipped up once and again, and prices have accordingly gone soaring, something like five cents a pound for the former, 20 cents, or more, for the second and for potatoes anything you can be made to pay, as also coal, which latter cost during the last days of winter something like \$24 a ton for something which resembled the genuine black diamond of tradition very little. The artificial heating of glass houses by this last standard becomes the really great problem of the suburban Paris flower grower for the season to come.

If a fair quantity of flowers, pot plants and cut flowers as well, have been sold, it is well to remark that fleurs de choix, the most lavish, luxurious and high-priced varieties, have met with an enormous lowering of

prices, due largely to the suppression of social functions in the grand monde, dinners, dances, soupers, receptions and the like. The fashionable restaurants went in for something cheaper, too, or none at all. There was no reforwarding of French flowers to foreign countries, as there had been formerly, to Russia, the Scandinavian countries, to Germany, to Belgium or to London. Otherwise it appears that the ordinary varieties met with as satisfying a sale as could have been expected, more so even. There was a falling off in the quality of much of the stock, caused chiefly by inexpert handling on the railways and delays en route, stocks often arriving on the market as they were more or less approaching the end of their lease of life. Accordingly once and again they were sold at derisory figures, but at that there was business doing all along the line, and all of the time.

From the above slight resume alone it would seem that, to the French temperament at any rate, flowers are a necessity, therefore the trade therein

is one that not even war can kill, though it may curtail. The exceptional period through which Paris has passed, tends to prove that no matter under what conditions, the Parisian public will have its cut flowers—"flowers being the complement of existence, as indispensable in sorrow as in joy." The sentiment is manifestly French and the writer makes no claim to originality. Actually they are the words of the president of the syndicate des Marchands des Fleurs en Gross de Paris. It is a good text for any one who is looking for a slogan to spread broadcast as an advertising feature of his business in America. It might well be traced in letters of gold in the marble halls of the florist palaces. It is only a question of who takes the idea first to perhaps become a leader in his line. It is not too much to prognosticate, that when this devastating war meets its end, the French flower traffic will become more vigorous than ever before. This is as it should be.

The following is extracted from a

FLOWERS BY WIRE
TO ALL THE WORLD

WESTERN UNION
TELEGRAM

RECEIVED AT Albany, N.Y. Aug 23 1915
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TO John Blosson
Fort Wayne Indiana
Send Miss Dolly Sabers 8 P.M.
Broadway 47th Street
Card Jack Goodfellow Charge to me.
William Bloeckner

(Sample)

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 in any City in U. S. or Canada on TWO HOURS NOTICE
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Wm. C. Gloeckner, Albany, N. Y., writes: "The Above Illustration Shows the Most Talked of Window in This City. In This Connection I Might Say That the Entire Window Only Cost Me \$1.65 and I Booked on an Average Three Telegraph Orders Per Day While the Display Continued."



AMUNDSON'S FLOWER STORE, MINNEAPOLIS, MINN.

recent price courant of cut flowers in the open market of Ollioules in southern France, one of the chief sources of supply for Paris through the most strenuous period of war-time. It shows that the fluctuation in average prices, above or below those of normal times, was very little. From three cents to 20 cents a dozen, with an average of from eight to 12 cents, was the quotation on carnations. *Ranunculus* oscillated between three and 18 cents a dozen. The narcissus for a long time held its own at from 40 cents to a dollar a hundred and, for a period, extraordinarily went up to six dollars, falling again to four dollars and finally to 60 cents.

The season was by no means brilliant judged by standards which had gone before, but was so far superior to that of many of the northern markets that what results accrued were gratefully appreciated, the profits pocketed and plans made for the future with a steadfastness of purpose which is seemingly only an attribute of the cultivation of the soil, whether the crop be carrots or carnations.

F. M.

ST. PAUL, MINN.—The Ramaley Floral Co. is now located in its new store, 13 West Ninth street.

PASADENA, CALIF. — The Pasadena Horticultural Society will hold its eighth annual flower show October 28-30. Schedules can be had from the secretary, Geo. H. Kennedy, 497 Bradford street.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Plant Stock for the Store.

With the advent of September come dreams of business—after the long rest of summer, it is hoped that a gradual demand will develop that will continue to grow and expand until finally, in November, the normal winter business will set in, which, as a rule, is continuous the season through.

To give the store a dressy appearance, to encourage this budding trade, there is nothing like an assortment of ferns in the various sizes. *Scottii* is one of the best in sizes, and up to eight-inch pots. *Teddy Jr.* is a good second; a few of the tassel leaved varieties like *Elegantissima Improved*, *To-deaoides* and *Schlozellii* are necessary, while the good old *Boston* and *Harrisii* are best in larger sizes. It is not necessary to have many of a size; better a few and keep the stock constantly replenished and fresh as they sell. If in a neighborhood where there is continuous traffic, it is a good plan to start the season with a special sale of ferns. Blocks of *Scottii* can be bought at low figures from growers who are anxious to make room. A quantity, of say, 100 plants, well displayed, marked to a low figure, but which, if bought right, will give a reasonable profit, generally move off quickly and prove a good opener for the season. In addition there should be a few

kentias in various sizes. With their luxuriant, dark green foliage, so vigorous looking at this season, they are hard to resist when one needs something to take the place of last winter's favorite, which is now so dilapidated. *Dracæna fragrans*, with their luxuriant corn-like foliage are good stock, as are *terminalis* with their bright centers. One should never be without *aspidistras*, but not the "skinny" kind so often seen. A scant six to eight leaved plant will stand around and get dusty, while two or three of such specimens together in one pot, with their leaves polished up, will present a finished appearance and are much more likely to find a customer.

There are a few novelties that give tone and add variety. One of the best and most moderate in price is the bird's nest fern. This is being done nicely by a number of growers and it does well in the house if given reasonable care and is distinctly different from all other ferns. *Pheonix Roebelenii* is rapidly becoming more popular, its beautiful fountain-like form, together with its sturdy and vigorous growth in spite of neglect, makes it a very desirable plant for the house.

Every store should have a plant or two of the *cibotium*. This beautiful fern is distinctly in a class of its own, next to the *kentia* or *areca*. It is the most valuable decorative plant that has ever been introduced and it will succeed in the ordinary dwelling as well as the *Boston*, and is especially fitted for an elevated position.

It is time now to present an assortment of fresh table ferns as the ferneries will be coming in for their first filling, they being about the first thing to receive attention when the family returns. It is important that this commission should have most careful attention as it may control much future business. In displaying the plants for sale, get together the jardinières and pedestals that are perhaps down stairs or stored about in odd corners. Have them cleaned and polished up and they may be worked off, filled with the plants, when homes are being refurbished for the winter season. A table near the front, of ferneries, nicely filled, is attractive and in addition to sales made, suggest to the visitor that the empty one at home should be put in condition for use on the table, and the order is secured.

At least once a week all store plants should be taken back and given a good hosing; it freshens them up wonderfully, washing off the dust and restoring the healthy lustre that adds so much to their appearance. K

Cost Accounts for Florists.

Abstract of a paper by A. L. C. O'Brien, Toronto, Ont., read at the eighteenth annual convention of the Canadian Horticultural Association, London, Ont., August 3-5, 1915.

The system of accounts known as cost accounts is of comparatively recent origin. Cost accounts are a natural development of the immense improvements in general producing methods. The great increase in intensity of competition has brought the producer into touch with different conditions than formerly existed. Larger markets have been made available for all. This has brought greater competition into the home market of practically each and every producer. Thus it has become necessary for him to know at all times the exact circumstances under which his business is conducted. If he is to succeed he must be prepared to meet the varying conditions affecting his own trade. He must be always alert to keep constantly in mind the necessity for improving the quality of his product, the volume of his productions and of decreasing his costs. A study of the matter will make it apparent to anyone that a standard system of determining the actual cost of the product will have a considerable influence on each of these three essential points. The prime objects of cost accounting and of establishment organization (which are closely interwoven) are,

1. To ascertain whether or not a business undertaking is profitable.
2. To secure the highest attainable efficiency in each department.
3. To know exactly the producing cost of each article sold.
4. To provide a means of determining the basis upon which it is advantageous to sell.

No two establishments will be found exactly similar in their organization of business methods. Thus it is desirable that careful study of existing conditions shall precede the introduction of a system of accounts for any business already established. It is not practical to lay down a system which will be adaptable to all establishments even in the same class of business. Nevertheless, a general plan may be made which can be arranged to suit the various necessities of individual concerns.

When it is decided to establish a

system the first step is to prepare a statement of the business showing the assets and liabilities. From this, the proper accounts will be arranged so as to show the investment of the proprietor, the value of the plant and equipment, buildings and such other investments as pertain to the business. Then follow the accounts provided by the cost system to which subsequent entries are to be made. This is not so great an undertaking as may be supposed. The elements of cost in all producing enterprises are made up of three principle divisions, which are subdivided:

(1) Material. (2) Labor. (3) Indirect Expense. The first two mentioned are subdivided into (1) Direct; (2) Indirect, i. e., direct and indirect material and labor.

Direct material is that element of material that enters into the product itself, and can be charged to that article.

Indirect material consists of such material as supplies used in process, but which does not enter into the product itself.

Labor. The subdivision of this item is similar to that of material. Indirect expense would consist of indirect labor, indirect material, light, heat, power, maintenance, insurance, taxes, interest, rent, depreciation, and in short any expense that does not enter into the product itself. These are in turn divisible into two general classes, one of which may be apportioned to certain products, because they are in-

curred in a particular place for the benefit of a certain thing or class of things. The other class consists of such expenses as are incurred for the benefit of the entire establishment and must be distributed over all departments on an equitable basis.

The cost of direct material is a matter of market price at the time of purchase and is easily obtainable.

Direct labor is not difficult to calculate, especially if piece work system is used. I shall deal with these items later when speaking of the records I would suggest.

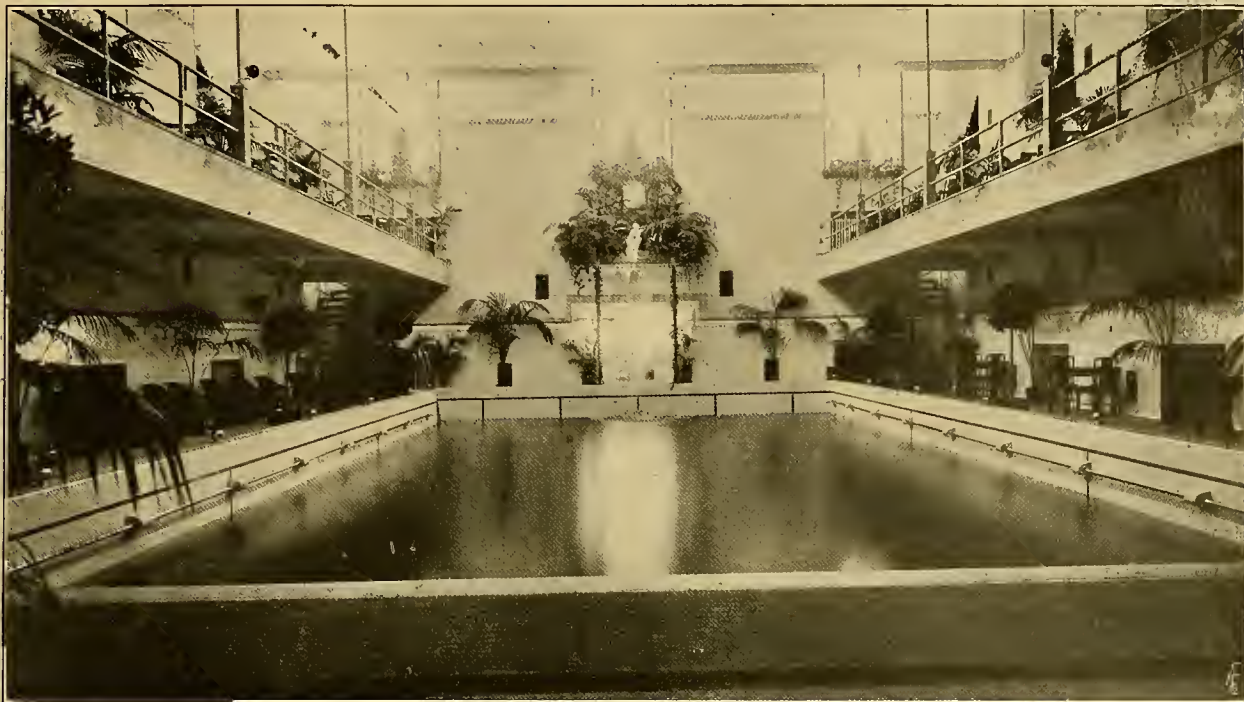
The dealing with indirect expense is a different matter. It requires careful consideration when arranging the records. This item might run anywhere from 50% to 250% or more of direct labor according to conditions. Too great care cannot therefore be given in the determination and distribution of this division of "cost." Amid the pressure of business many men, while recognizing the necessity of having suitable records, are not careful to see that the cost system is completely carried through, i. e., that all quantities and amounts, etc., for which a cost system provides are duly entered, totaled and agreed as between one record and another. Thus, through laxity, the advantages provided by a system are nullified.

My observations of the business of the florist lead me to suggest that it is advisable first to divide the establishment into various departments. Assign to greenhouses producing cer-



AMERICAN GLADIOLUS SOCIETY'S EXHIBITION, NEWPORT, R. I.

Prize Display of Arthur Cowee, Berlin, N. Y.



SWIMMING POOL IN NEW MINNEAPOLIS ATHLETIC CLUB.

Decorations by L. S. Donaldson Co.

tain articles an account to which is to be charged all sums expended thereon. For instance, the accounts could be named "House No. 1" and so on. I do not recommend that an attempt be made to ascertain the costs on products of each bench, until such time as it might be found advisable to extend the system to more minute detail.

A cost system is not only useful as a means of obtaining the cost of production, it goes much further, as it furnishes the necessary data incident to reducing costs either by eliminating certain unnecessary expenses, or increasing the production of such articles where insufficiency is shown. It constitutes the basis for inaugurating the more modern methods in equipment required to increase capacity in certain places where a balancing factor is necessary between various departments or commodities. Thus it prevents a great deal of lost time which is one of the principal losses in any business. It places you in a position to plan the policy of your business in definite form. The value of the systematization of any business is measured by the difference between what is done and what can be done, and the commercial success of your business depends upon the answer you can give to the question:—

"Do you know positively at what figure your profit ends, and your losses begin, on each of your products?"

HOUGHTON, MICH.—Flower gardens have sprung up everywhere in this city as a result of the diligent application of children, who vie with each other in an effort to produce the most attractive flowers.

SUPERIOR, WIS.—The beautifying league of South Superior held its first flower show September 8-9. Eighty awards were offered and thousands of garden flowers grown by residents of the community were on exhibition.



Bride's Bouquet.

By S. Kramer, Passaic, N. J.

Gladiolus Growing for Pleasure.

A paper by P. W. Popp, Mamaroneck, N. Y., written for the Bulletin of the American Gladiolus Society.

The gladiolus is easily the most popular outdoor flower of today, as almost every color taste may be gratified. The gladiolus will thrive and give results with but little care, and again the most remarkable results will reward any extra care or attention that is rendered. A season of bloom from July until cut down by hard frosts, may be enjoyed by successive plantings. Even early in June, flowers may be had, where the convenience of a greenhouse or hot bed is at hand. To start the corms that may be planted in the open after danger of frosts is over, a convenient method and one within the reach of all, is to use the ordinary square quart size berry basket. From one to three corms may be planted, according to size, barely covering them and having the baskets about level full of earth. Ordinary garden soil with the admixture of a little sifted coal ashes makes a good compost, friable and easily drained, to which the roots will cling when the basket is removed prior to planting out. This is easily accomplished by cutting the corners with a pruning shears, and sliding the entire "ball" out, which is then planted without disturbing the roots.

Plant so as to have the top of the corms at least three inches below the surface. A depression may be left about each one, which will catch the rains and also allows the sun's rays to penetrate and warm up the soil. Cultivating will gradually level up the surface these deep planted gladioli require. Very little support is required when the plant is large and bearing a heavy flower spoke. As a precautionary measure against the blue aphid or other insects that are sometimes found under the outer covering of the corms, I always soak them for a few minutes in a tobacco or nicotine solution, "Aphine" or any other good commercial product, using a solution slightly

stronger than that recommended for spraying. This also acts as a repellent to any insects that might be in the soil.

The ideal fertilizer for any crop is well decomposed stable manure, but this is not always available. A "complete" manure such as used for potatoes is an excellent substitute. Bone meal or pulverized sheep manure are also good. Alternate these with wood ashes fortnightly, cultivating after each application, and watering thoroughly when necessary. An occasional dressing of air-slaked lime is very beneficial in keeping the soil sweet. After the flowering spike is well defined, a light application of Scotch soot worked into the soil is a grand medium for intensifying the colors of the flowers, especially the pink shades.

The real beauty of the gladiolus is only realized in September or later, when the flowers have more substance, the colors are brighter, and the spikes finished with a greater number of open flowers at a time. The blue, heliotrope and lavender shades are especially fine in July and August, but the hot sunshine and the pollenizing effects of insects cause the flowers to "go to sleep" almost as soon as they open.

For a long season of bloom the following method will be found convenient and practical: About April 1 take out all the gladioli from the winter quarters and divide each variety in as many parts as it is desired to have plantings. Take paper bags and mark the planting dates on each; in the vicinity of New York July 1 is about the latest safe planting date. To insure getting all the blooms, and assure ripening of the corms, select all the largest and heaviest corms for the last planting; all bulblets and small corms are best planted at the first planting. Each set of bags, according to planting dates, are then placed in boxes, leaving the top of the bags open for circulation of air and to prevent heating. These boxes are then placed in a dry, cool cellar until the special dates for various plantings occur. A good vegetable cellar is an ideal place. Of the many methods tried, I have found this to be the very best, as I find but little shrinkage in the last lot planted. We plant double or zig-zag rows five inches apart and 24 inches between the rows. This allows convenience in cultivating and gathering the flowers. High cultivation sometimes renders it necessary to afford some support. This we furnish by driving stout bamboo canes in a single line, four feet apart, stretching jute twine down one side of the row and up the other side, turning a loop around each stake. This allows a free circulation of air, and supports the spike as long as necessary.

P. W. POPP.

Cowee Gladioli in Moving Pictures.

There is no disputing the fact that the moving picture film has become an established institution, both as an educator and entertainer, and no small part of the difficulties that beset the director of the scenario is the proper staging of the story amid scenes that will add to the interest by pleasing and appropriate surroundings, but it is doubtful if any stage setting has ever been more appropriate and at the same time possessing more natural beauty than when the Edison company of photo-players, through courtesy of Arthur Cowee, the famous gladiolus specialist of Berlin, N. Y., the scenario for a new film story, entitled "Gladiola," was

taken amid thousands of spikes of bloom, gorgeous in coloring, at Mr. Cowee's gladiolus farm, near Berlin.

The particular appropriateness of the setting at once becomes evident from the fact that the heroine of the story, Gladiola, spent her childhood on a gladioli farm of her parents, and many later events in the pastoral, as shown in the film, are brought out most naturally amid the fields of bloom, at the height of their glory when the picture was taken.



Geo. W. Smith, Cleveland, O.

And His Catch in Yellowstone River.

THE CARNATION.

Plant Requirements During September.

We can safely class the month of September as being one of the most critical periods that the carnation plants will have to pass through. A greater part of the time during the first three weeks the days are usually intensely hot, followed by heavy dews and excessive moisture at night, and when we consider the fresh soil in the benches, together with these conditions, we must know that the plants will make a rapid luxuriant growth, easily susceptible to stem rot and other diseases, and it is the business of the grower in charge to attend closely to the many details in the care of the plants to encourage them to make a healthy, vigorous growth and keep free from disease. Cleanliness around the houses and about the plants is an important factor for the plants' well-being, as well as an encouragement of an healthy growth. It is also a great pleasure to everyone connected with the establishment to have everything looking neat and clean.

By this time, the plants planted the latter part of July or early in August will have good control of the soil and be growing rapidly. They do not need any coddling, but must be given careful attention to their wants as regards watering, airing and supporting. Next

to the finishing up of the housing of the plants, I believe most growers feel a greater satisfaction when the job of wiring and putting on the supports is complete than from any other work connected with carnation culture. This is especially true when the man in charge has other lines that demand his attention, and it is also best for the plants' welfare that they be supported before the branches get large enough to fall on the soil and become diseased from lack of air and excessive moisture. It pays to attend to this work without delay, so that before the plants are allowed to bloom they will be properly supported.

It is very important that during the next month the greatest care be given to the watering. Now that the roots are working freely through the beds, and fast getting control of the soil, so that it will stand liberal watering whenever dry, the grower has the conditions well in hand and can attend to the watering according to the conditions of soil and weather. Not all of the beds will dry out the same way, and it is therefore the best plan to examine the soil every day and water according to its requirements; touch up the dry places one day, then, if conditions are such as to warrant it, give the whole of the bed a thorough watering the next, the main object to work for being to get the soil in a condition that it will dry out evenly and take water freely. Let the watering and syringing be two different parts of the plants' care. Water the soil because it is in need of it, and syringe the plants to keep them free from red spider. As the season advances it will be necessary to water more frequently and syringe less. We are now getting two or three days at a time when it is hot with lots of humidity, so that the only drying out is a few hours in the middle of the day. These are the days that we have to look out for, to guard against stem-rot, especially after an out-door season such as the plants have had this year, there having been altogether too much rain for them to have become well hardened. Attend to all the necessary watering early enough in the day for everything about the houses to dry up well before night. Another very important matter is not to allow heavy rains to beat down on the plants through open ventilators or broken glass. Any glazing that has to be done should be attended to right away. Do not leave it for a sudden cold spell to remind you that it is necessary to be done. It is a good plan to have everything tight, so that the first cold night the houses can be fumigated to clean out the insects before the plants come into flower. Another thing—be sure the roof is free from drip; if not go over it and run the rafters with liquid putty. There should not be any time lost in getting the heating apparatus in shape for the winter's work, and to be in readiness for the first frost. Every grower is naturally anxious for his plants to commence to bloom, but do not be in too big a hurry—let the main object be at this time to build up the plant; get every shoot you possibly can. Plants carrying 10 and 12 shoots can be allowed to produce a few flowers, but a plant with only four or five growths should not be allowed to bloom yet. Do not expect long stem flowers for a while yet, and remember that the growths at the bottom of the short stems are of greater value than

a few inches more stem. Do not rub them off to get the longer stem; better to be satisfied with short stem flowers, allowing the shoots to remain to produce the long stem flowers later in the season.

Keep up the regular sprayings with insecticide to check the thrips and other insects which quickly get the upper hand if not prevented.

C. W. JOHNSON.

Gloxinias.

The genus gloxinia was founded in 1785 upon a plant obtained from Brazil and named in honor of P. B. Gloxin, a botanist of Strassburg. In 1817 another plant from Brazil, closely related, was named *Gloxinia speciosa* and it was from this species that our present horticultural varieties of gloxinia originated. Later it was found that this parent of our garden gloxinias was not a true gloxinia, botanically speaking, but belonged to another genus in the same family, namely, *sinningia*. The name gloxinia had become too well fixed among growers to be changed, however, and consequently there exists the peculiar condition of a plant bearing what is supposed to be its botanical name, but which in reality is only a common name derived from a botanical name, erroneously applied. In all probability these plants will continue to be known as gloxinias, but if one wishes to refer to them under the genus to which they belong, the name *sinningia* should be used.

During the last ten years gloxinias have been wonderfully developed by various growers. Flowers now range from pure white, pink, and pale blue to deep red and purple. The newer French, spotted hybrids, though less robust in habit and with more delicate flowers, are a valuable addition to the older types. These are marked and spotted with colors varying from pink and mauve to dark blue, red, and even chocolate.

Anyone with a warm greenhouse or even a hot bed at their disposal, by selecting good seed and following the hints given below should be able to produce a brilliant display of blooms within seven or eight months after sowing the seed. It is best to sow the seed in mid-winter in deep, well-drained pans filled with a mixture of rich soil and sand. The pans should be kept at a temperature of about 75° F., and may be covered with glass until the seedlings appear. Great care should be taken to turn the glass night and morning as gloxinias are especially liable to "damp off" in too moist an atmosphere. As soon as the first leaves develop, the plants should be pricked off into shallow pans or pots, and when the seedlings are established they may be removed from the hot bed into a fairly moist atmosphere at 65-70° F. When large enough to handle easily, the seedlings must again be transplanted into a soil as fibrous and porous as possible, peat, sand and leaf mold making a good combination. Careful watering is most important at this stage. If possible, the water should be slightly warmer than the air of the house and moreover should never be applied unless really necessary. The atmosphere, however, should always be moist, and the leaves may be lightly sprayed night and morning.

In the final potting—this time into six or eight-inch pots—a good mix-

ture of equal parts of peat, leaf mold, clay, and sand should be used, and the soil ought not to be colder than the house atmosphere. The plants should be kept at a temperature of from 65 to 70° F., never less than 60°, and given all the light possible without exposure to the direct rays of the sun.

Further feeding is not necessary during the first season. Plants started in January or February should bloom in July or August. When the flowers appear, a little weak manure water may be of benefit, but its use can easily be carried too far. It is sometimes advisable during the blooming period to remove some of the center leaves which may otherwise cramp and smother the opening flowers.

After flowering, water should be gradually withheld and as soon as the leaves have ripened, the plants should be stored at a temperature of about 45° F. Only enough water should be given to prevent the tubers from withering. In February the tubers should be cleaned and placed in small pots filled with the soil mixture referred to above. Until active root growth begins but little water should be given, and as soon as the pots are filled with roots, it is necessary to transfer the plants into six-inch pots. Plants from last year's tubers should bloom in about five months, and the same tuber may be grown for several years.

To sum up: gloxinias require plenty of heat and moisture, protection from direct sunshine, a rich, open, light soil, and above all, unremitting and intelligent attention to watering and ventilation. To one who can give all these, the joy of growing them from seed to flower will be ample compensation for the time and labor expended.

—Missouri Botanical Garden Bulletin.

on each of the homeward trips as well as on the outward trips. This will put an additional 16-knot American steamer on the route, making three altogether, all of which are subject to the call of the government in time of war for use as auxiliary naval cruisers, as provided by the Ocean Mail Act of March 3, 1891. It also assures regular and expeditious service to the United States from Samoa, including our naval station there, service from which at present is via Sydney and thence to San Francisco, as the steamers do not now call at Pago Pago on the homeward trips. The new arrangement will commence with the sailing from San Francisco, October 26, 1915.

THE ROSE.

Preparing the Houses for Cold Weather.

During the month of September, the grower should have his heating plant in readiness to push the steam or hot water heat around at almost a moment's notice. At this date we are using two coils and a 2-inch main in each rose house from midnight until 7 a. m., in order to prevent mildew and loss of good foliage through the great change of temperature, between day and night. As the houses are running at about 90 degrees with full air on during the day, and the temperature for several days has dropped to from 48 degrees to 52 degrees at 4 a. m., a difference of 40 or more degrees is rather too great for the good of the plants. Under these conditions a crack of air of several inches, and with steam enough on to bring the temperature up to 65 degrees, the plants can be gradually hardened, until a normal



CONVENTION VISITORS ON GOVERNMENT CUTTER IN SAN FRANCISCO BAY.

Postal Changes.

Postmaster General Burleson has concluded arrangements with the Oceanic Steamship Company whereby the steamers of that company plying between San Francisco and Sydney via Honolulu and Pago Pago, Samoa, will sail from San Francisco and Sydney once every three weeks instead of once every four weeks as heretofore, and will call at Pago Pago and Honolulu

winter's night temperature is reached; otherwise, the sudden changes will cause a check, bringing on black spot, mildew and the loss of much foliage. Green fly, at this season, will soon get the upper hand if one does not take the precaution to close down the houses and fumigate. It is far safer to have the night man on duty from now on, and he can attend to the fumigating and also the application of sulphur to

the pipes. A good time to fumigate is about 4 a. m., selecting a clear day so that the plants can be sprayed thoroughly following the fumigating. The spraying will put the finishing touches on a great many of the little pests that would eventually escape if spraying immediately afterwards was not resorted to. One should keep the foliage affected with black spot picked off, and frequent dustings of air-slaked lime around the base of the plants, under the tables, and in the walks, will keep the atmosphere sweet and clean; it is not necessary to apply it heavily, just enough to cover the foliage low down, lightly. Apply only when the foliage is absolutely dry, and it can all be readily removed when syringing. Do not let the plants lie around the house; keep them tied in place and pinch back the growth judiciously, allowing just enough good stock to come on the strongest plants of the young stock to keep up with the demand, providing of course, this does not cut some of the late planted stocks back too hard. Early planted stock should now have roots quite near the surface of the soil, and especially stock that is being handled on raised benches, so to cultivate under these conditions would be injurious to the plants. A light top-dressing of some old, thoroughly rotted manure of any kind, scattered around, will keep the soil from baking and cracking; it will also make it possible to water evenly. In some cases it may be necessary to go over the benches or beds and firm the soil at the sides with the fingers to prevent the wasting of the water, but mainly to have the water go into the soil instead of running away at the sides.

The carried over stock will now require a good mulch of cow manure, but care should be taken in selecting manure that is not too green. A dusting of pure ground bone, fine enough to be soluble, should first be applied; about a good handful to two square feet of surface is a practical way to apply it, scattering it evenly over the soil. Then apply the manure, preferably in piles that can be washed down with the hose, or level as one desires, the main point being to get at the watering before the manure begins to dry; if once it dries very little plant food can be gotten from it.

The airing should be handled carefully from now on; it will not do to leave it on all day, but reduce it gradually, and open up gradually. Do not close down the houses tightly at night; carry air and steam as stated before whenever you can, on cold rainy days and particularly early in the morning, around and just before daylight. If the foliage should be found covered with condensation in the morning, look out, as several mornings in succession of this condition will do the plants more harm than can be estimated. So in order to save all around, put the night fireman on the job with proper instructions, and call it good business.

E.

New York Gardeners' Examination.

Following are the questions asked at the last examination for gardener, a new test for which is now scheduled in the city service:

Name at least three conditions which should be kept in mind in selecting a site for a flower garden.

If you had a piece of ground not un-

der cultivation and you decided on making a garden out of it, state how much of the surface you would use for walks and paths. Describe how walks should be made.

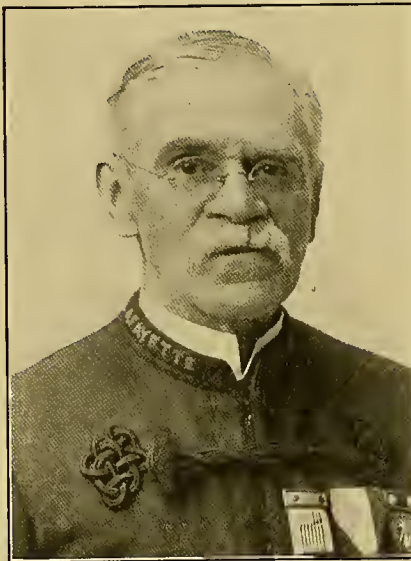
Explain the best way for caring for lawns and grass plots in spring, summer and autumn.

Name half a dozen flowering plants suitable for cultivation in circular plots on lawns, and state how each of these plants should be cared for during their growth.

Show how important it is to have a steady supply of water for a garden, and explain the watering process in dry weather.

Give examples showing the benefits of pruning, and describe how and when this work should be done in the case of small trees and shrubs.

Name five garden tools, describe the work to be done by each, and state



The Late Lawrence W. Kervan.
See Obituary, Issue of Aug. 28.

the proper manner of caring for these articles.

Describe the precautions to be taken by gardeners in potting and transplanting. Give examples with reasons.

Specify a few of the dangers to which plants and flowers are exposed by insects, and state the proper remedy to be applied in each case mentioned.

A tree about a year old is to be removed from one part of the garden to another. Describe the operation from beginning to end.—Evening Telegram, June 27.

The Illinois State Florists' Association.

One of the most successful meetings ever held by the executive board of the Illinois State Florists' Association, was the session at Peoria, August 31, 1915. The meeting was presided over by President C. W. Johnson, of Morgan Park, Chicago. Those in attendance in addition to the president were: Secretary J. F. Ammann, Edwardsville; Treasurer F. L. Washburn, Bloomington; Vice Presidents E. W. Guy, Belleville; A. C. Brown, Springfield; Andrew Peterson, Hoopston; John Staack, Moline; Ex-president Chas. Loveridge, Peoria, and George Washburn, Bloomington.

It was decided to hold the next annual meeting at Moline, March 7-8, 1916, and the secretary was instructed to invite the Iowa State Florists to meet with the Illinois association. The president and secretary were instructed to arrange the program. It was also decided that hereafter all members pay for their own banquet tickets, the cost of same being not to exceed \$1.50 per plate. It was also agreed that hereafter the judges be selected by the president before the meeting, and that all new varieties of any flower be judged by regulation scale of points.

The secretary was instructed to draw up resolutions for publication to amend the constitution to the effect that all members who have paid a total of \$10 in dues shall be entitled to a life membership certificate, the same to be presented at the next annual meeting for adoption.

The visitors were royally entertained by Ex-president Chas. Loveridge and family. The meeting was held in the spacious directors' room of the Farmer's Loan Association building, through the courtesy of Mr. Loveridge, who is vice-president of the institution, and their secretary, Fillmore Millard."

J. F. AMMANN, SEC'Y.

Liquids Mailable in Parcel Post.

Under the restrictions governing such shipments in the domestic parcel post, liquids, oils, pastes, salves or other articles easily liquefiable may be sent on and after September 1 by international parcel post from the United States to the Bahamas, British Honduras, Costa Rica, Curacao, Danish West Indies, Jamaica, Newfoundland and Trinidad. Heretofore liquids have been admitted to our international parcel post only between the United States and Austria, Brazil, Germany, Great Britain and Norway.

The new agreements are subject to stringent packing requirements applying in the domestic service and stated in Paragraph 4, Section 474, of the Postal Laws and Regulations as amended by the Postmaster General's Order No. 7884 of March 13, 1914. The prohibition directed against the mailing of poisons, explosives, etc., set forth in Section 472, and against drugs forbidden to commerce generally, contained in Section 480, Postal Laws and Regulations, are also contained in the new agreements.

The Late Joseph H. Bechamps.

Joseph H. Bechamps, for many years a grower of Astoria and Bayside, New York, died at his home in Flushing, City of New York, September 6. He was 76 years old to a day. Mr. Bechamps was horn in New York of French descent, being a son of the late John G. Bechamps of the Yorkville section. Joseph H. Bechamps went into the florist business at an early age and had been a successful grower of carnations and other stock. He had been ill for some time and the range at Bayside has been conducted by his sons, Eugene and Edward. He was a civil war veteran and a comrade of George Heintzman Post, No. 50, G. A. R., of Flushing. He is survived by three sons, Joseph J., Eugene F., and Edward C., all of whom are florists, and three daughters, Eugenie C., Josephine M. and Mrs. Maria A. Dwyer. Mr. Bechamps was a good citizen and highly respected by many friends and business associates. A. F. F.

BEACON, N. Y.—Benjamin Hammond, the well-known insecticide manufacturer, has returned from the San Francisco convention and speaks very favorably of the meeting, also the exposition and the Los Angeles school garden movement.

OBITUARY.

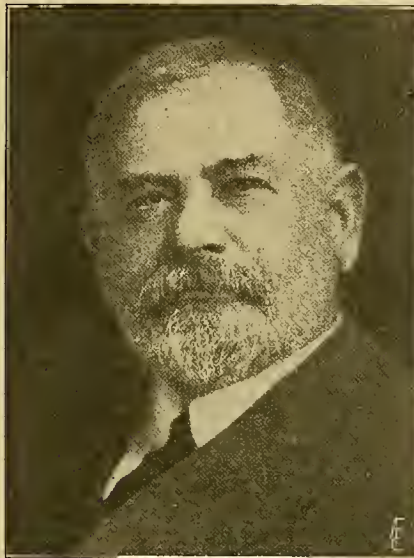
Edwin Lonsdale.

American floriculture has lost one of its brightest lights in the passing of Edwin Lonsdale, who died of cancer, Wednesday, September 1, at the Naturopathic Institute, Los Angeles, Calif., where he had been for the past four months. From his youth up Mr. Lonsdale was always passionately fond of flowers. Born in England, October 6, 1845, he was early apprenticed as a gardener, working on several large estates and Regent's park, London. Emigrating to America in 1869 his first position was with Thos. Meehan, in Germantown, Pa. In 1873 he went to San Francisco, Calif., where he spent two years with Miller & Seivers, and later with Levi Sanderson, in San Jose, Calif. Returning to Philadelphia in 1875 he purchased greenhouses in Thorpe's lane, Germantown.

Mr. Lonsdale about this time visited England, where he married Miss Sarah Burton, sister of John Burton, returning immediately to his Philadelphia home, where he grew plants and cut flowers for the wholesale market, five years later forming a partnership with his brother-in-law, Mr. Burton. They purchased ground and erected greenhouses on Milton Grove avenue, Wyndmoor, Chestnut Hill, and made a specialty of forcing roses and other cut flowers for the Philadelphia market, being very successful. They were first in the market with the hybrid rose, Mme. Gabriel Luizet, and for several years did well with the flowers, and later supplied the trade with plants. Cosmos was another flower in which they were pioneers. This partnership was dissolved in 1887, Mr. Lonsdale erecting houses on adjoining land, where he forced roses, principally American Beauty and hybrids, with which he was very successful. He also devoted himself to the culture of orchids, having a large stock of cattleyas and cypripediums. Cypripedium Sanderianum was found in a lot of imported C. Lawrenceanum, and was sold to Sander, of St. Albans, Eng., at a record price. He made a lot of crosses and raised a number of cypripedium seedlings. He was first to import the Crimson Rambler rose, a large plant in full flower on his lawn, the first to flower outside, making a great sensation. He was very fond of carnations and raised a number of meritorious seedlings, amongst them Grace Battles, Brunette, Mrs. Cleveland, Jewell and Helen Keller, the latter a beautifully striped variety. Adiantum Farleyense was taken up, and although a puzzle to him for a time, he soon became famous for his splendid plants and fronds of this difficult plant. Begonia Gloire de Lorraine was another favorite. He was first to import this plant, and was early successful in propagating it. He soon had a stock that when in flower was pronounced the most beautiful pot plant ever offered to the public. A lighter shade of pink developed with him; one that held its flowers. He named it the Lonsdale variety, and it soon became very popular as a Christmas forcing plant. He also imported the first swainsona, which proved to be a most useful cut flower. Crotons attracted him, and several beautiful sorts were the result of hybridizing. These seedlings he sold to Robert Craig, the varieties Edwin Lonsdale and Craigii being standards in their types.

In 1894 Mr. Lonsdale sold his business and took charge of the greenhouses and grounds at Girard college where under his care the beautiful bedding became a great feature of the outdoor work. In 1909 he resigned this position to become superintendent of

the seed farms of W. Atlee Burpee & Co., at Lompoc, Calif. The farewell dinner given to Mr. Lonsdale by his friends in the craft at this time will ever be remembered by the large company present. It was a heartfelt testimonial to one they all loved as a brother, and carried their best wishes for his success in his new home. In his numerous activities Mr. Lonsdale found time to contribute to the columns of THE AMERICAN FLORIST many important articles on matters pertaining to commercial floriculture. His descriptions of new varieties and cultural directions on carnations, roses, orchids, ferns, palms, begonias and other plants were especially valuable. He also was foremost in all matters looking to the advancement of the trade, being one of the charter members of the S. A. F., serving first as secretary of that body in 1887, and elected president in Atlantic City in 1894. He helped to organize the American Carnation Society in 1891



The Late Edwin Lonsdale.

and was its first president, serving three years. In the permanent organization of the Florists' club, Philadelphia, October, 1886, he was elected secretary, serving in that capacity until October, 1887. He was one of the members who signed the charter in December, 1888, elected president in October, 1893, and served as presiding officer until 1895, when he was elected secretary, serving until May, 1906.

Mr. Lonsdale was never happier than when engaged in the social work of the club. He had a most lovable disposition. Everyone who knew him was his friend. Sunshine accompanied him everywhere. His hearty laugh was most infectious. No social club gathering or dinner was complete without his singing that famous song, "That Brave Old Duke of York," in which all joined in the chorus with great gusto. The loss of his two daughters, Bertie and Jennie, by drowning in the surf while bathing at Ocean City, N. J., and the death of his remaining daughter, Annie, two years later had a depressing influence from which he and Mrs. Lonsdale, who survives him, never fully recovered.

The remains were brought on to Philadelphia, the funeral being held September 8 from the residence of John Burton, Wyndmoor, Pa. There was a large attendance of the craft. The Florists' Club of Philadelphia sent a handsome floral tribute, and the room was filled with beautiful wreaths,

sprays and clusters of the choicest flowers, many of them coming from friends in all sections of the country. The interment, which was private, was in Ivy Hill cemetery.

It is sad news to learn of Edwin Lonsdale's death. Even though the dread event was looked for as something near for some time past, yet the blow falls heavily on those who loved, admired and respected him. They were many, and comprised all who had the honor of his friendship, for to know him was to love him. The grim reaper rarely garners one whose loss will be felt more keenly than kindly, gentle, generous, lovable, talented, manly Edwin Lonsdale. Peace be to his ashes. His work in horticulture is well known and will, no doubt, be reviewed by those who were intimate with his achievements in that field. It is the man we will miss, the inspiration for better things which emanated from him. The whole souled spirit of him appealed to everyone who knew him, the genial companionship of him charmed them, the helpful attitude of him towards all won hearts and held them. It could indeed be said of him as of the noble Roman, "His life was gentle, and the elements so mixed in him that nature might stand up and say to all the world, 'This was a man.'" PATRICK O'MARA.

All who knew him will always lovingly think of him, with his wealth of horticultural information, his enthusiasm in gardening, his cheerful magnetic presence, and the most wholesome, winning laugh it was ever my good fortune to hear.

ROBERT CRAIG.

Edwin Lonsdale was born in a small hamlet near Shrewsbury, Shropshire, England, but with his parents at an early age removed to Shenstone, near Litchfield, Staffordshire. After leaving school, he served some years in various Staffordshire gardens, including those of Manley Hall, and about 1865 moved to Hanover Lodge, Regent's park, London. Later he returned to Staffordshire, and was employed there under the late Stephen Taplin, of Detroit, Mich., in the gardens of Enville Hall, where in a short time he gained a more thoroughly practical knowledge of the business than in all the previous years he had devoted to it.

When the national chrysanthemum society was organized at Buffalo, N. Y., August 22, 1889, under the name of American Chrysanthemum Society he was elected secretary, and served until the first annual meeting at Chicago November 11-15, 1902, meetings during the intervening years being held at the annual conventions of the S. A. F.

George Walther.

George Walther, a pioneer florist of Chicago, died at his home at 6436 Lowe avenue, Wednesday, September 1, following a paralytic stroke. He was 78 years of age and was born in Germany but came to this country at an early age. He built several greenhouses in 1883 which he planted to vegetables but gradually drifted into the florist business, of which he had active charge until about two years ago, when his daughter, Louise, and son, George, Jr., assumed management. He was well and favorably known to the trade and by dint of hard work established a good paying retail trade and was active about the greenhouses until the past year when he took things a little easier. The funeral services were held from the home, Saturday, September 4, and the remains were laid to rest in Mt. Hope cemetery. He is survived by a wife and seven children, Anna A., Catherine D., Louise L. and George Jr., of Chicago; Ed J., Billings, Montana; Fred D., New York, and Ralph A., Lake Forest, Ill.

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ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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EDWIN LONSDALE, whose death is recorded elsewhere in this issue, will take high rank among the pioneers of American floriculture. The trying labors of the early days brought him small pecuniary reward but he toiled on cheerfully for his fellow-craftsmen through all the years, blazing the way with a big heart and the warm sunshine of a lovable personality.

Foreign Mail Burned.

Maltus & Ware, New York, advise that they received a cable, September 6, from the Association of Holland Nurserymen to the effect that the greater part of the mail on the S. S. Rotterdam was destroyed by fire. This vessel left New York August 21 and arrived at Rotterdam September 2. The association requests that duplicates of all letters be mailed.

Belgian Plants—Latest Cable Advices.

It has been understood that the British authorities would issue permits for the exportation of Belgian stocks—bulbs, plants, palms, bay trees, etc.—but it now develops, according to cable received by THE AMERICAN FLORIST, September 6, that the Belgian growers themselves expect possible opposition by the German authorities to the exportation of their stock under British permit. A final decision has not been reached.

Siebrecht Awarded Exposition Medal.

The landscape treatment around the New York state building at the Panama-Pacific exposition has been awarded a gold medal, said to be the only prize given for landscape treatment at the exposition. The stock for the ornamentation of these grounds was shipped from Siebrecht & Son's Rose Hill Nurseries last fall. All was from New Rochelle. Henry A. Siebrecht, Jr., made the plans for landscape work and lay out; Henry A. Siebrecht, Sr., executed the work last winter when he was in California for four and a half months.

State Fairs.

The following is a list of coming state fairs with the names and addresses of the superintendents of the horticultural and floricultural departments so far as obtainable:

September 6-15, Detroit.—Michigan State Fair. H. S. Newton, Hart Mich., superintendent of horticulture; H. H. Dow, superintendent of floriculture.

September 12-19, Topeka.—Kansas State Fair. O. A. Whitney, Capitol building, Topeka, superintendent of horticulture and floriculture.

September 13-17, Milwaukee.—Wisconsin State Fair. D. W. Larkin, Sturgeon Bay, Wis., superintendent of horticulture and floriculture.

September 13-17, Huron.—South Dakota State Fair. George W. Gurney, Yankton, S. D., superintendent of horticulture and floriculture.

September 13-18, Louisville.—Kentucky State Fair. J. H. Carmody, Experiment Station, Lexington, Ky., superintendent of horticulture; Wm. Mann, Louisville, superintendent of floriculture.

September 13-18, Syracuse.—New York State Fair. D. Lumsden, Ithaca, N. Y., superintendent of horticulture and floriculture.

September 14-17, Berlin.—Connecticut State Fair. L. W. Gwatkin, Berlin, superintendent of horticulture and floriculture.

September 14-18, White River Junction.—Vermont State Fair. D. H. Stafford, Brattleboro, Vt., superintendent of horticulture and floriculture.

September 14-17, Kingston, R. I.—Washington County Fair. A. C. Money, Exeter, R. I., superintendent of horticulture; James C. Sykes, Peace Dale, R. I., superintendent of floriculture.

September 17-25, Springfield.—Illinois State Fair. J. J. McComb, 3327 Potomac avenue, Chicago, superintendent of horticulture; J. E. Taggart, Freeport, superintendent of floriculture.

September 20-25, Hutchinson.—Kansas State Fair. O. F. Whitney, Capitol building, Topeka, Kans., superintendent of horticulture and floriculture.

September 20-25, Nashville.—Tennessee State Fair. R. F. DeBerry, Humboldt, Tenn., superintendent of horticulture.

September 20-25, Helena.—Montana State Fair. M. L. Dean, Missoula, Mont., superintendent of horticulture and floriculture.

September 20-25, Grand Rapids, Mich.—West Michigan State Fair. L. R. Taft, East Lansing, Mich., superintendent of horticulture and floriculture.

September 27-October 1, Trenton, N. J.—Trenton Inter-State Fair. Prof. A. J. Farley, New Brunswick, N. J., superintendent of horticulture and floriculture.

September 27-October 2, Salem.—Oregon State Fair. O. E. Freytag, Oregon City, Ore., superintendent of horticulture; Prof. A. L. Beck, Corvallis, Ore., superintendent of floriculture.

September 28-October 1, Salem Depot, N. H.—Rockingham Fair. Harold E. Hardy, superintendent of horticulture; Hollis, N. H.; W. H. White, superintendent of floriculture, Raymond, N. H.

September 28-October 2, Douglas.—Wyoming State Fair. Hosea M. Hantz, Douglas, superintendent of horticulture; Mrs. Anna Jenne, Douglas, superintendent of floriculture.

October 7-16, Birmingham.—Alabama State Fair. Sam H. Powles, secretary, 514 C. of C. building, Birmingham.

October 11-16, Richmond.—Virginia State Fair. A. Warvick, Richmond, superintendent of floriculture.

October 19-22, Raleigh.—State Fair of North Carolina. Col. Joseph E. Pogue, general superintendent.

October 26-November 5, Macon.—Georgia State Fair. Harry C. Roberts, secretary, Macon, Ga.

November 3-8, Shreveport.—Louisiana State Fair. Louis W. Bruegerhoff, Shreveport, secretary.

November 15-20, Phoenix.—Arizona State Fair. A. M. McOmie, Phoenix, superintendent of horticulture and floriculture.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

September 24-26, New York.—Dahlia exhibition, The American Dahlia Society in cooperation with the Horticultural Society of New York, American Museum of Natural History, Joseph J. Lane, secretary, 11 West Thirty-second street, New York.

September 28-October 1, Lancaster, Pa.—Dahlia show, Lancaster County Florists' Club, Lancaster County Fair Grounds. Albert M. Herr, secretary, Lancaster, Pa.

October —, Menlo Park, Calif.—Annual fall flower show, Menlo Park Horticultural Society. Percy Ellings, secretary, Menlo Park.

October 20-22, Derry, N. H.—Annual exhibition, New Hampshire Horticultural Society, Stanley K. Lovell, secretary, Goffstown, N. H.

October 21-26, San Francisco, Calif.—Fall Flower Show, Pacific Horticultural Society in conjunction with the Chrysanthemum Society of America and the Department of Horticulture of the Panama-Pacific International Exposition, Palace of Horticulture, Exposition Grounds, T. Taylor, secretary, 2714 McAllister street, San Francisco.

October 26-27, Lenox, Mass.—Grand fall exhibition, Lenox Horticultural Society, Town hall. John Carman, Lenox, secretary.

October 28-29, Madison, N. J.—Annual flower show, Morris County Gardeners' and Florists' Society, Assembly hall. Edward Reagan, secretary, Morristown, N. J.

October 28-29, Glen Cove, N. Y.—Fall exhibition, Nassau County Horticultural Society, Pembroke hall. Harry Jones, secretary, Box 197, Glen Cove.

October 29-31, Mount Kisco, N. Y.—Fall show, North Westchester Co. Horticultural and Agricultural Society, Civic hall, Matthew J. O'Brien, secretary, Mount Kisco.

November 3-4, New London, Conn.—Chrysanthemum, fruit and vegetable show, New London Horticultural Society, City hall. John Humphrey, secretary, New London.

November 3-5, New York.—Exhibition of flowers, plants, fruits and vegetables, American Institute of New York, 25-33 West Thirty-ninth street. W. A. Eggleston, secretary board of managers, 324 West Twenty-third street, New York.

November 3-5, Tarrytown, N. Y.—Exhibition of the Tarrytown Horticultural Society, Music hall. Edward W. Neubrand, secretary, Tarrytown.

November 4-5, Worcester, Mass.—Chrysanthemum exhibition, Worcester County Horticultural Society, Horticultural hall. L. C. Midgley, secretary, 18 Front street, Worcester.

November 4-7, Boston, Mass.—Autumn exhibition of plants, flowers, fruits and vegetables, Massachusetts Horticultural Society, Horticultural hall. Wm. P. Rich, secretary, 300 Massachusetts avenue, Boston.

November 4-7, New York.—Annual fall show, Horticultural Society of New York, American Museum of Natural History, George V. Nash, secretary, N. Y. Botanical Garden, Bronx Park, New York.

November 5-6, Stamford, Conn.—Annual exhibition, Westchester & Fairfield Horticultural Society, J. B. McArdle, Greenwich, Conn., secretary; Henry Wild, Riverside, Conn., exhibition manager.

November 9-12, Philadelphia, Pa.—Chrysanthemum show, Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust. David Rust, secretary.

November 9-14, Chicago.—Chicago Grand Floral Festival, Horticultural Society and the Chicago Florists' Club, Coliseum. N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

November 10-14, Cleveland, O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum. Frank A. Friedley, secretary, Exhibition Committee, 350 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel. Ernest K. Thomas, secretary, Box 180, Kingston, R. I.

November 10-14, Cleveland, O.—Fall exhibition and meeting, American Rose Society in connection with the Cleveland Flower Show, Coliseum. W. G. Bate, chairman fall exhibition committee, Newton Falls, O.

November 15-20, Baltimore, Md.—Maryland Week exhibition, Maryland State Horticultural Society, Fifth Regiment Armory. Thomas B. Symons, secretary, College Park, Md.

January —, 1916, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, Thirty-eighth and Rockwood avenue, Indianapolis, Ind.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 559, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, bustling and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST, 61 W. Ontario st., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By German 33, single, quick worker, grower in first-class stock, pot, bedding plants, palms, ferns, chrysanthemums and all greenhouse work. Can come at once. Full particulars in first letter. Address ADOLF GALL, Florist, General Post Office, Milwaukee, Wis.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—At once, experienced greenhouse man; must be good fern grower. RANDOLPH & McCLEMMENTS, 5936 Penn Ave., Pittsburgh, Penn'a.

Help Wanted—Good all around storeman for Kansas City, Mo., retail store. State full particulars in first letter. Key 558, care American Florist.

Help Wanted—At once. A young man who has a fair knowledge of perennial plants. Private place. \$2.25 a day. Apply P. BACK, E. L. Kyerson Estate, Lake Forest, Ill.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Help Wanted—Experienced young saleslady for Chicago loop store. Good wages to right party. Address Key 548, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter. RUGBY GREENHOUSES, Rugby, N. D.

For Sale—Windmill with tanks and pumps. For further particulars call on or address, T. FBHRMAN, 7744 N. Lamont Ave., Chicago.

For Sale—Florists' White Ice Box, 600 pounds capacity; made by Schmidt of Cincinnati; used one year; perfect condition. Cheap, if sold at once. Address Key 551, care American Florist.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175.00; f. o. b. Dayton, \$125.00, cash. Address MRS. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—Greenhouse, 37,000 feet of glass, fine wholesale and retail business, good location. A snap for some live man. Reason for selling, death of husband and poor health. For further particulars, address MRS. CARL HIRSCH, Hillsdale, Mich.

For Sale—Up-to-date florist business, greenhouses, store and dwelling on Main street. The leading florist on the western slope; good shipping to the adjoining cities. The healthiest climate in U. S. Price and terms right. Write to Manager, GRAND FLORAL CO., Grand Junction, Colo.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

FOR SALE

One house, two greenhouses, barn, sheds, three lots planted with hardy plants. Apply 362 Hudson St., Syracuse, N. Y.

FOR SALE

4 Greenhouses each 40x120 ft., 1 acre land, good 5 room residence and office building combined. Well stocked for fall and winter trade; located in thriving town in Central Indiana of 25,000 inhabitants. All in first-class condition and doing fine business. Good reasons for selling. Address Key 555, care American Florist.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

NOTICE.

John Scott, Florist, Huntsville, Ala., who has been sick for some time, has disappeared from his home. He is a Scotchman, speaks with a decided accent. Age, 45 years; height, 5 ft. 6 in.; weight, 125 lbs.; dark complexion, turning grey; wears blue serge suit; one upper tooth in right side missing. Any brother florist knowing of his whereabouts, kindly write MRS. J. SCOTT, Twickenham Hotel Block, Huntsville, Ala.

DISSOLUTION OF PARTNERSHIP

Notice is hereby given that the co-partnership heretofore existing between HERMAN KOMITSCHE and AUGUST JUNGE, both of the Borough of Secaucus, County of Hudson and State of New Jersey, under the firm name of KOMITSCHE & JUNGE, has been this day dissolved by mutual consent. Herman Komitsch is authorized to wind up the affairs of the partnership, collect all bills, and pay all outstanding debts. Dated August 23, 1915. HERMAN KOMITSCHE AUGUST JUNGE

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Palms, Ferns, Rubbers, Dracaenas, Etc.

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Holland and French Grown Bulbs

Cleveland.

STOCK PLENTIFUL, BUT DEMAND STEADY.

There is plenty of stock of both indoor and outdoor varieties. Gladioli, asters, and dahlias lead in quantity. There are also Jap lilies, pokers, larkspurs, lilac and baby breath. Lily of the valley has been short of the demand. Roses are in good demand. Sunbursts are fine stock, as are American Beauties. Killarneys show the warm weather effect, being quite open on arrival. The rain September 4 did not seem to stop buyers, who were on the market early and bought heavily. It continued to rain on Sunday also, which is not unusual lately.

NOTES.

F. C. Bartels, of the J. M. Gasser Co.'s greenhouses at Rocky River, O., spent part of last week visiting greenhouses in Canada. He made special mention of the Dunlop range just outside of Toronto, where everything was going on fine in spite of "war talk." The Shawyer, Russell and other stock, like Richmond, Hoosier Beauty, Sunburst and Ward, were in good condition; also a new seedling rose, a cerise pink, very double, having all the good points of other roses, which will soon be ready for market.

The executive committee of the Central Ohio Teachers' Association, meeting in Columbus this week, decided to change its convention dates to November 12-13, so that the teachers may be in Cleveland at the same time the Cleveland flower show is held. The educational features of the show are expected to be of benefit to the teachers. The flower show will be one of the most important expositions of floral art by growers and dealers in the country this fall.

The Jones-Russell Co. has leased the store in the Taylor arcade, facing Euclid avenue with a side entrance in

the arcade, giving them a fine opportunity for display. It is something on the "stand" order, but Jones-Russell quality and prices will prevail. It will be known as their "lower down town store." So far the name of the manager of the store has not been revealed and they will be on the market for a "good man." The store opens October 1.

The September meeting of the local florists' club will be held Monday, September 13, on account of Labor day conflicting with the regular date. Try and be at this meeting.

J. R. Cowgill, Canton, Ohio, brought his baby this week to Lakeside hospital. He is suffering with indigestion. Mrs. Cowgill is staying with the baby at the hospital.

C. F. B.

Minneapolis, Minn.

Everything in the market in the line of flowers has been cleaning up at good prices with a slight advance over last week, with the exception of asters, which bring \$1 to \$4 per 100. Chrysanthemums are more plentiful with good demand. Lily of the valley is scarce at five cents. The Minnesota state fair is on and will consume a large amount of stock, according to the number of entries.

NOTES.

There is a friendly rivalry on between St. Paul and Minneapolis florists' clubs over the silver trophy given by the fair association to the club having the best display. Mr. Olson is in charge for St. Paul and Mr. Desmond for Minneapolis, and everyone working for their home town.

Ralph Latham lost a package containing 100 gladioli off his machine one day last week on his way in from the lake, and when a gentleman drove up to his store with them, he said, "keep

them, as I have too many and they are not worth putting in water." Mr. Latham has cut close to 10,000 gladioli so far this season.

The next meeting of the local florists' club will be held at the plant of the Minneapolis Floral Co., September 14, at 8 p. m., on invitation of Supt. C. G. Anderson.

A. A. Villas and wife have returned from their honeymoon, having visited the principal cities of the east and several resorts in Michigan.

The annual meeting of the Minnesota State Florists' Association will be held September 9, at the store of Holm & Olson, St. Paul.

Theo. Vogel has resigned his position with Chapman's and will renew old acquaintances in Chicago this week.

Max. Kaiser, of Merriam Park Floral Co., has some very nice 8-inch cyclamen plants in bloom at the fair.

Look for news of Minnesota state fair in THE AMERICAN FLORIST, issue of September 18.

H. B. Whitted had a decorated automobile in the window for the "speed kings."

Hans Rosacker is sending in fancy Richmond and Killarney roses.

O. H. Carlson is cutting fancy Hoosier Beauty and Ophelia roses.

Will Bros. are cutting some roses after their short rest. T. C. R.

JERSEY CITY, N. J.—Charles Reitman, of 110 Bond street, Trenton, N. J., filed a petition in the United States District Court against Bonnot Bros., of Jersey City, N. J., and also against the individual members, Emil Bonnot and Leon Bonnot. He claims they are insolvent and asks that they be declared bankrupt. He alleges that they owe the New York Cut Flower Company \$6,935, and that this claim has been assigned to him.

Dreer's Herbaceous Peonies

We will begin to dig this season about September 15th, over one hundred thousand roots of the following choice varieties of our own growings, true to name, strong divisions, with from 3 to 5 eyes.



Double Herbaceous Peony.

	Per doz.	Per 100
Asa Gray. A very distinct flower, bright lilac, sprinkled with minute dots of deeper lilac in such a manner as to appear dusted on; blooms very large; mid-season.....	\$3 50	\$25 00
André Lauries. Strong vigorous grower with medium sized flower of deep Tyrian rose. \$90.00 per 1000....	1 50	10 00
Augustin D'Hour. Brilliant dark red with slight silvery reflex. Very large, compact, bomb-shaped flower; mid-season	4 00	30 00
Arthemise. A strong grower of upright habit, free bloomer in clusters, large, violet-rose with light mauve shadings. A good mid-season variety. \$140.00 per 1000	2 00	15 00
Agnes Mary Kelway. A tall, vigorous-growing variety of good habit and free bloomer, light violet rose with creamy white center, mid-season, very showy. \$140.00 per 1000	2 00	15 00
Couronne d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals. Strong upright growth; one of the choicest late flowering varieties. \$225.00 per 1000	3 50	25 00
Charlemagne. A very vigorous grower with strong stems and large compact, globular flowers. Lilac-white with a slight blush center. \$100.00 per 1000	1 75	12 00
Canary. One of the freest blooming varieties, of medium size; pure white guard petals with amber white center. \$100.00 per 1000	1 75	12 00
Delachai. Very large cup-shaped flowers, deep crimson-purple, a strong grower and free blooming mid-season variety. \$140.000 per 1000.....	2 00	15 00
Duke of Wellington. An ideal cut-flower variety, large, well-formed flowers on long stiff stems, color sulphur-white, quite fragrant, one of the finest mid-season sorts. \$100.000 per 1000.....	1 75	12 00
Duchesse de Nemours. Superb cup-shaped flowers of sulphur-white changing to pure white. Particularly beautiful in the half-open bud state. \$100.000 per 1000	1 75	12 00
Dr. Caillot. Blooms on long stems, brilliant Tyrian rose. A very striking late flowering variety.....	3 00	20 00
Duc de Cazes. Another of the really first-class Pæonies for all conditions, never failing to produce an abundance of flowers for Memorial Day. Upright growth with large flat flowers of perfect shape, fine bright pink shaded violet, lighter center and silvery reflex. \$100.00 per 1000.....	1 75	12 00
Egonard André. Compact growing variety, with globular semi-double flowers of dark carmine violet with metallic reflex, and golden yellow stamens. \$100.00 per 1000	1 75	12 00
Eduis Superba. The earliest variety in our collection, being frequently a week ahead of any other sort, making it particularly valuable for Decoration Day sales in late seasons or in latitudes where other sorts will not bloom previous to that date. Also a variety which has done well, blooming freely under the most adverse conditions. Flowers of a deep rose pink with lighter shadings. \$180.00 per 1000.....	2 50	20 00

	Per doz.	Per 100
Eugene Verdier. Immense globular flowers, delicate flesh color deepening towards the center, tall stately grower and profuse bloomer, distinct and desirable.....	3 50	25 00
Felix Crousse. The ideal self-colored red Pæony, large globular and compact, an even shade of bright red without trace of any other color, a strong vigorous grower with long stems make this variety one of the most important commercial cut flower sorts. \$200.00 per 1000.....	3 50	25 00
Francois Ortegat. Brilliant crimson; full double flower, one of the richest dark varieties. \$140.00 per 1000	2 00	15 00
Festiva Maxima. This truly superb variety, the finest white in cultivation, has for nearly three-quarters of a century been the standard by which all other sorts have been judged. A giant in growth. No other variety combines the wonderful purity of color, freedom and earliness of flower, and handsome foliage as this "Queen of Pæonies." This variety is probably better known throughout the world than any other. \$180.00 per 1000.....	\$2 50	\$20 00
Louis van Houtte. One of the most conspicuous of the dark colored varieties, blooms are produced in clusters on strong upright stems well above the foliage, color rich dark crimson, developing a slight silvery tip as the flowers age, making quite an attractive color combination. \$100.00 per 1000	1 75	12 00
L'Éclatante. Very large, showy, compact, brilliant, red flowers in clusters, vigorous growth, extra good commercial mid-season variety. \$140.00 per 1000.....	2 00	15 00
L'Indispensable. Immense flowers of a delicate lilac pink with darker shading towards the center. Tall, upright grower and profuse bloomer. A very desirable late flowering variety. \$140.00 per 1000.....	2 00	15 00
Lady Bramwell. A beautiful silvery-rose of fine form, a free-blooming and vigorous growing variety, together with the beautiful soft colored flowers make this one of the particularly attractive mid-season cut flower sorts. \$140.00 per 1000.....	2 00	15 00
Mme. Calot. One of the best of the early sorts, large flowers of a pale hydrangea pink color. Very delicate when cut in bud state. \$180.00 per 1000.....	2 50	20 00
Mme. de Verneville. Beautifully formed flower, very broad sulphur white guard petals and compact white center, touched carmine. A most chaste mid-season variety. \$140.00 per 1000	2 00	15 00
Mme. Ducl. Perfectly formed globular flower, dwarf, vigorous habit, color bright silvery pink with salmon shadings and silvery reflex. Magnificent cut flower variety and fine bedder	3 50	25 00
Marie Jacquin. A variety especially adapted for landscape work, flowers semi-double, almost pure white with the yellow stamens partly visible in the center. Very aptly named "Water Lily Pæony." \$140.00 per 1000	2 00	15 00
Mme. Boulanger. A very choice delicate colored variety; in form not unlike a decorative cactus dahlia. The flowers of a soft lilac tinted white are formed of broad, regularly arranged petals of great substance, greatly enhancing the lasting qualities	5 00	40 00
Meissonier. Large convex blooms on long stems, guard petals brilliant purple red, centre deep crimson. A splendid self-colored variety. \$140.000 per 1000.....	2 00	15 00
Mons. Jules Elia. Probably the largest flowered Pæony in cultivation; color pale lilac-rose with silvery reflex. Strong grower, pleasing fragrance and early.....	6 00	45 00
Na Plus Ultra. Semi-double, pure mauve, early to mid-season variety. \$90.00 per 1000.....	1 25	10 00
Princess Galitzin. Medium size pale lilac rose colored flowers in clusters, center of bloom composed of many narrow threadlike creamy white petals. \$140.00 per 1000	2 00	15 00
Queen Victoria. A strong growing pure white variety with creamy white center. One of the most popular standard cut flower varieties. \$90.00 per 1000.....	1 50	10 00
Rosea Elagans. Tall upright habit; color pale lilac-rose with creamy white center, pleasant fragrance. \$140.00 per 1000	2 00	15 00
Reina des Roses. Early, medium-sized compact flowers of bright violet-rose with lighter shadings in the centre. \$140.00 per 1000.....	2 00	15 00
Victoire Modeste. Very large flowers of bright lively violet-rose with salmon center. \$100.00 per 1000.....	1 50	10 00

The following Early Flowering Varieties in Imported Stock Ready Early in October.

Officialis (Mutabilis) Alba. Blush white. \$1.50 per doz.; \$10.00 per 100
Officialis (Mutabilis) Rosea. Soft pink.... 1.50 per doz.; 10.00 per 100
Officialis Rubra, Crimson

Tenuifolia flora plena (Fern-leaved). Double crimson	2.00 per doz.; 15.00 per 100
--	------------------------------

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above is intended for the trade only.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--GLADIOLI--ASTERS--BEAUTIES

White and Yellow Mums-Gardenias-Easter Lilies

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$3.00
36 in.....	2.50
30 in.....	2.00
24 in., young stock.....	1.50
Short.....per 100, \$4.00 to \$8.00	

Mrs. Chas. Russell

40-48 in., per 100.....	\$15.00
30-36 in., "	12.00
20-24 in., "	\$8.00 to 10.00
Shorter, "	\$8.00, \$4.00, \$6.00

Hoosier Beauty	Per 100
HADLEY } Long....	\$8.00 to \$10.00
OPHELIA } Med.	4.00 to 6.00
SUNBURST } Short ...	3.00
BRILLIANT }	

FRANCIS SCOTT KEY 6.00 to 12.00

MILADY	Per 100
RICHMOND	
BULGARIA	Extra long.....\$8.00
AARON WARD	Long..... 6.00
KILLARNEY	Medium..\$4.00 to 5.00
WHITE KILLARNEY	Short..... \$2.00 to 3.00
KILLARNEY QUEEN	
CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00

MISCELLANEOUS

Golden Glow Mums.....per doz.,	\$1.50 to \$2.50
October Frost..... "	1.50 to 2.50
Asters, short and medium.....	2.00 to \$3.00
Fancy, extra long.....	4.00
Daisies, Shasta	1.00
Gladioli.....	3.00 to 4.00
Gaillardias.....	.75 to 1.00
Gypsophila, per bunch.....	.50
Smilax,.....doz. \$2.00	
Plumosus and Sprenger.....	2.00 to 3.00
Adiantum.....	1.00
Galax, per 1000.....	\$1.25 .20
Leucothoe.....	.75
Mexican Ivy.....per 1000,	\$6.00 .75
Ferns, new crop.....per 1000,	1.50 .20

CATTLEYAS

Per Doz.....\$7.50 to

GARDENIAS

Per doz.....\$2.00 to

EASTER LILIES

Per 100.....

Per Doz.....

LILY OF THE VALLEY

Fancy, per 100.....

2nd\$3.00 to

CARNATIONS

Per 100.....

WILD SMILAX

Per case.....

Flowers for Trimming

Assorted lots.....\$1.00 a

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stone

FLORISTS' SUPPLIES

Special on Cycas Leaves

Just what you want for base work in designs and wreaths,
8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish.
Cycas Leaves, in assortment, 12 to 40 inch, per 100, \$7.00.

Daylite Glass Cleaner, Paints, Liquid Putty
Glazing Points, Etc., Fertilizers,
Galvanized Rose Stakes, Bamboo Stakes
12 Bales Moss, - \$10.00.

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

g Distance Phone,
Randolph 35. CHICAGO, ILL.

Grand Clean-Up Price on Rose Plants

GRAFTED, 3½-inch Stock.	Per 100	OWN ROOT, 3½-inch Stock.	Per 100	GRAFTED, 2½-inch Stock.	Per 100
Bulgaria.....	\$14.00	137 Bulgaria.....	\$9.00	325 Bulgaria.....	\$10.00
Elle Brunner.....	14.00	65 Cecile Brunner.....	9.00	OWN ROOT, 2½-inch Stock.	Per 100
				500 Bulgaria.....	\$5.50

Field-Grown Carnation Plants, A1 Quality

	Per 100	Per 1000		Per 100	Per 1000
10,000 Eochantress.....	\$6 00	\$50 00	3,000 Beacon.....	\$6 00	\$50 00
10,000 Philadelphia.....	6 00	50 00	10,000 Champion.....	6 00	50 00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS

Kentia Belmoreana			
Single Plants			
5 inch pots, 5 to 6 leaves, 18 in. high	Each	\$0.40	
\$4.50 per dozen.			
6 inch pots, 6 to 7 leaves, 24 in. high	Each	1.00	
7 inch pots, 6 to 7 leaves, 28 to 30 in. high	Each	1.50	
8 inch pots, 6 to 7 leaves, 32 to 34 in. high	Each	2.00	
9 inch pots, 6 to 7 leaves, 36 in. high	Each	3.00	
10 inch pots, 6 to 7 leaves, 38 in. high	Each	3.50	
11 inch pots, 6 to 7 leaves, 48 in. high	Each	5.00	
12 inch pots, 6 to 7 leaves, 58 to 60 in. high	Each	7.00	
Specimens, \$15.00 to \$50.00.			
Kentia Belmoreana			
Made-up Plants			
3 plants in a pot 24 in. high	Each	\$1.50	
3 plants in a pot 38 in. high	Each	3.50	
Specimens, very heavy, \$10.00 to \$12.00.			
Kentia Forsteriana			
Single Plants			
5 to 6 leaves, 18 to 20 in. high	Each	\$0.40	
\$4.50 per dozen.			
5 to 6 leaves, 28 to 30 in. high	Each	1.00	

Kentia Forsteriana			Each
6 inch pots, 6 to 7 leaves, 34 to 36 in. high			1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high			2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high			2.25
8 inch tubs, 6 to 7 leaves, 46 to 48 in. high			3.50
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high			5.00
8 inch tubs, 6 to 7 leaves, 5 ft. high			6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy			8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high			10.00

Kentia Forsteriana			Each
Made-up Plants			
7 inch pots, 3 plants in a pot, 28 to 30 in. high			\$2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high			2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high			3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high			3.50
8-inch tubs, 4 plants in a tub, 50 in. high			5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high			6.00
10-inch tubs, 4 plants in a tub, 5 ft. high			8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high			10.00
12-inch tubs, 4 plants in a tub, 6 ft. high			12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Phoenix Roebelenii		Each
5 inch pots.....		\$1.00
7 inch pots, 22 in. high, 30 to 32 in. spread.....		2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....		2.50
8 inch tubs, grand specimens.....		3.50
10 inch tubs, grand specimens.....		5.00 to 7 00
Areca Lutescens		
6 inch pots, 3 plants in a pot.....		1.00
7 inch pots, 3 plants in a pot.....		2.00
8 inch tubs, 5 plants in a tub.....		3.00
Aspidistra Lurida		
Green, 5 inch pots, 10 to 12 leaves.....		1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....		1.50
Dracaena Massangeana		
5 inch pots.....		.75
6 inch pots.....		\$1.00 to 1.25

QUALITY PLANTS

FERNES.			
Boston, Roosevelt and Whitmani			
Each	100	Each	
pot...\$0.25	\$23.00	8 inch pots,	\$1.00
pot... .50	45.00	10 inch pot..	\$2.50
pot... .75	.....	12-inch pot..	3.00 to 3.50
CROTONS.			
Very Fine Colored Stock			
pot.....	\$0.25	\$23.00	
pot.....	.35	30.00	
pot.....	.50	45.00	
pot, strong.....	.75	70.00	
pot.....	\$1.00	to 1.50	
CYPERUS ALTERNIFOLIUS.			
Umbrella Plant			
pot.....	\$8.00 per 100		

ARAUCARIA EXCELSA		Each
5 inch, 2 to 3 tiers.....		\$0.50
5 inch, 3 to 4 tiers.....		.60
6 inch, 4 tiers.....		.75
7 inch, 4 to 5 tiers.....		1.00
7 inch, 5 tiers.....		1.50
ARAUCARIA ROBUSTA COMPACTA		
Each		
6 inch, 2 to 3 tiers.....		\$1.00
6 inch, 3 tiers.....		1.50
6 inch, 3 to 4 tiers.....		2.00
9 inch, 5 to 6 tiers.....		\$4.00 to 5.00
PANDANUS VEITCHII.		
Highly Colored Stock		
Each		
4-inch pot.....	\$0.35	\$30.00
5-inch pot.....	.50	45.00
6-inch pot.....	.75	.....

CYCLAMEN. Best German Strain.		
3-inch pot.....		\$ 8.00 per 100
4-inch pot.....		15.00 per 100
4-inch pot, select.....		20.00 per 100
Seedlings from Flats.....		3.50 per 100
SMILAX		
2¼-inch pot.....	\$2.50 per 100;	\$23.00 per 1000
3-inch pot.....	4.50 per 100;	40.00 per 1000
CALADIUMS, Fancy Leaved.		
5 and 6 in. pots.....	.25c, 35c, 50c, 75c and	\$1.00 each
ASPARAGUS PLUMOSUS		
2¼-inch pot.....	\$3.00 per 100;	\$28.00 per 1000
3-inch pot.....	6.00 per 100;	\$55.00 per 1000
BEGONIA VERNON		
In bloom.....	4-inch, 10c each;	\$10.00 per 100

CHRYSANTHEMUMS

NOW READY—Extra large Yellow Golden Glow, very fancy, \$2.00 to \$3.00 per dozen; Good medium White Early Frost, \$1.50 to \$2.00 per dozen.

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.
Fancy Lilies, in lots of 50 or more at the rate of \$6.00 per 100.

CURRENT PRICE LIST

American Beauties		Per doz.	White and Pink Killarney, Richmond and Hillingdon	
Specials, extra long stems.....		\$2.50	Long.....	Per 100 \$6.00
30 in. stems.....		2.00	Medium.....	\$4.00 to 5.00
18-24 in. stems, New Beauties.....	\$1.00 to 1.50		Short.....	3.00
Shorter lengths.....	per 100, \$3.00 to \$6.00		Cecile Brunner..... per bunch, 25c	
Russell		Per 100	CARNATIONS, indoor..... \$2.00 to \$3.00 per 100	
Specials.....		\$12.00	Choice EASTER LILIES..... \$1.00 per doz. 6.00	
Extra long.....		\$3.00 to 10.00	LILY OF THE VALLEY..... 4.00 to 5.00	
Good medium.....		6.00	ASPARAGUS SPRAYS and SPRENGERI..... 2.00 to 3.00	
Short.....		4.00	FERNS, new Wisconsin..... 1000, \$1.50	
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100	ADIANTUM..... 1.00	
Special.....		\$8.00	GALAX, bronze and green..... per 1000, \$1.00	
Long.....		6.00		
Medium.....	4.00 to 5.00			
Short.....		3.00		

ROSES in lots of 300 or more at the rate of \$20.00 per 1000

CHRYSANTHEMUMS—Yellow, large..... \$2.00 to \$3.00 per dozen
 White, medium..... 1.50 to 2.00 per dozen

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

BUSINESS IS GRADUALLY IMPROVING. Trade has been quite good the past week, and is gradually improving, especially the shipping trade. Stock of all kinds is plentiful, with the exception of lily of the valley, which continues to be very scarce. Choice lily of the valley is bringing as high as \$4.00 and \$5.00 per 100 right in the city, and more could be obtained if the dealers raised their prices, but they are satisfied with the prices that they are receiving and experience no difficulty in disposing of their stock long before it reaches the store. Roses are plentiful enough to supply the demand with the exception of good Double White Killarney. Mrs. Chas. Russell are in better supply than they have been, and the same holds good for American Beauty roses. A few short stemmed American Beauty roses are arriving, but clean up quickly at almost as good prices as the longer stemmed stock. Ophelia, Killarney, White Killarney, Sunburst, Mrs. Aaron Ward, Killarney Brilliant, Killarney Queen, Richmond, Hadley, Rhea Reid, Milady, Prince de Bulgarie, Hoosier Beauty, Cecile Brunner, My Maryland, Lady Hillingdon and Mrs. George Shawyer are more plentiful and very fancy stock in all these varieties is to be seen at the stores. Chrysanthemums are more plentiful and are moving well but so far the only varieties offered are Golden Glow in yellow and Early Frost in white. Orchids are

PERCY JONES INC. **PERCY JONES** INC.

WHOLESALE COMMISSION FLORISTS **WHOLESALE COMMISSION FLORISTS**

56 East Randolph Street CHICAGO 56 East Randolph Street CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

none too plentiful yet. Carnations from indoors are more plentiful and are improving in quality. They are cleaning up well each day at prices ranging from \$1.00 per 100 and up. Asters are still plentiful, and the same holds good for dahlias, gladioli and all other miscellaneous outdoor stock. Now that most of the people have returned from their vacations and the schools are open all the dealers are expecting a big improvement in trade, and from present indications it appears as if they are not going to be disappointed.

NOTES.
 George A. Kuhl and wife, of Pekin (China), who have spent the past two

CUT FLOWERS
 Everything Seasonable
ROSES-CARNATIONS-GLADIOLI-ETC.
ALSO GREEN GOODS
O. A. TONNER, Wholesale Florist
 30 East Randolph Street, CHICAGO.

months at Harbor Springs, Mich., stopped off here on their way home this week for a few days to visit friends and relatives. They made the trip in their Pierce-Arrow and report having had a most delightful time on their vacation.

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

CARNATIONS

Splendid supply of stock in all the leading commercial varieties. We can take as good care of your Carnation Orders as well as we can Rose Orders, which means a great deal. If you are not already one of our customers you might as well jump in the wagon now as later, for you cannot obtain such high quality stock elsewhere at such reasonable prices as you can from us. It will be to your interest to start buying from us as quickly as possible—today if you can.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$.50 to 75

	Per 100
Richmond.....	
Killarney.....	
White Killarney ...	Extra select..... \$7 00
Killarney Brilliant	Select..... 6 00
My Maryland.....	Medium..... 5 00
Sunburst.....	Short..... \$3 00 to 4 00
Milady.....	
Ophelia.....	

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection..... \$3.00

Asters.....	\$ 1 00 to \$ 3 00
Carnations.....	1.00 to 3.00
Chrysanthemums, yellow, doz.,	\$2.00 to 3.00
Harrisii.....	10 00 to 12 50
Gladioli.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 00 25

2,000,000 Feet of Modern Glass

Z M
E A
& N
C N
H N

Quality and Service

Count Much. You Get Both Here.



We are Wholesale Florists
Doing a Strictly Wholesale Business

30 E. Randolph St.,

L. D. Phones
Central } 3283
 } 3284
Automatic, 42-965

Chicago

Kennicott Bros. Co.'s store is going to look pretty nifty when all the alterations are completed. H. B. Kennicott is trying to get the firm upstairs to remove the sign which reads "We sell at retail" and hangs above the main entrance to their store, for they do a strictly wholesale business and they feel that an outsider is likely to believe that the sign belongs to them. Max Ringier of the firm is away on his vacation.

Peter Reinberg is cutting a large supply of fancy asters in addition to his regular line of stock. Felix Reich-

ling says that business during August was very good and that the sales during that month were considerably larger than those of August last year. Miss Marguerite McNulty, who keeps the Reinberg books, has returned from a delightful visit in California.

Tom Conlon, superintendent of the plant department at Poehlmann Bros. Co.'s greenhouses, says that the shipping trade is remarkably good now and shipments are going out on nearly every train. The crotons and pandanus are certainly looking fine and a nice lot of Begonia Vernon in bloom

are ready for delivery.

C. E. Schafer, of the La Crosse Floral Co., La Crosse, Wis., was in the city on business this week. He has an unusually large church and home wedding decoration for September 11, which calls for a large supply of stock.

Tesfel Grabowski, 4523 Addison street, is building three new Moninger greenhouses which will be heated by Kroeschell boilers.

Walter Kummer, of the Kummer Floral Co., Milwaukee, Wis., and family were in the city in their automobile, September 6.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, **CHICAGO**
Randolph 2081.
BEAUTIES-ROSES-CARNATIONS

The attendance at the annual Schermeresse of the Luxemburger Bruderbund, held at Karthausers Grove, Sunday and Monday, September 5-6, was the largest in years and everyone present had the best time ever. The floral display was as usual one of the main attractions and the chief exhibitors in cut flowers were Wietor Bros., Pyfer & Olsem, of Wilmette, Fischer Bros., of Evanston, and Nick Reding, with Wietor Bros. the winner in practically all events. Pyfer & Olsem also copped a number of prizes and the George Wittbold Co. took first honors in the palm display. The Ringler Rose Co. also had an exhibit and while the display of cut flowers was very good, it was out-classed by the vegetable display, which N. J. Wietor says was remarkable and easily the feature of the show.

Bassett & Washburn are cutting heavily in chrysanthemums and are showing a fancy grade of Golden Glow in yellow and Early Frost in white. Mr. Washburn had a pleasant visit from Eugene Dailedouze of Brooklyn, N. Y., who was his guest at dinner at Hinsdale, September 5. Mr. Dailedouze was particularly impressed with Bassett & Washburn's new seedling carnation, Belle Washburn, as he saw it growing in the greenhouses at Gregg's station.

Eugene Dailedouze and wife, of Brooklyn, N. Y., stopped off here for a few days this week on their way home from a lake trip from Buffalo to Duluth, Minn. Mr. Dailedouze reports having had a delightful time and was particularly impressed with the beautiful scenery of Mackinac Island and other points along the upper peninsula of Michigan.

Miss Margaret Didier, daughter of Mr. and Mrs. John Didier, and grandchild of M. Weiland, and Chas. Hilhoff, were married at St. Nicholas church, Evanston, Wednesday, September 8. The happy young couple are well known to the trade and all their friends wish them every success for a safe voyage on the sea of matrimony.

August and Adolph Poehlmann and their families made an automobile trip to Milwaukee, Wis., September 4, where they visited with friends and relatives for several days. E. Paselk, who is employed in Poehlmann Bros. Co.'s office at Morton Grove, and wife, also made a trip to the Cream City in their machine the following day.

Several of the local wholesalers are seriously thinking of renting the entire third floor of the Le Moyné building, in which the E. C. Amling Co. and the A. L. Randall Co. are now located. As yet no definite arrangements have been made, but it is very likely that the deal will go through. Further particulars will be published later.

Wietor Bros. are cutting a good supply of short, medium and long stemmed American Beauty roses, which are in good demand at their store. N. J. Wietor says that Friday, September 3, was the biggest day as far as sales are concerned that his firm has had in three months.

V. A. Kohout, proprietor of the Lawndale Floral Co., 3212 West Twenty-second street, and family have returned from a well enjoyed vacation at New Buffalo, Mich. Mr. Kohout is

KILLARNEY BRILLIANT

Fancy stock at \$3.00 to \$8.00 per 100.

	Per 100		Per 100
Russell . . .	\$4.00 to \$15 00	Killarney . . .	\$2.00 to \$8.00
Milady . . .	4.00 to 10.00	White Killarney	2.00 to 8.00
Ophelia . . .	3.00 to 8.00	Cecile Brunner, bunch,	35c ea.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Carnation Growers

Who have been dissatisfied with last year's returns

will find it to their interest to write us, as we think we can put you in touch whereby you can obtain better results. If you produce high-grade stock and are ready to make a change, write us,
Key 553, care American Florist.

going to build a new garage and greenhouse and buy a new White delivery truck.

Morris Grossberg has returned from a business trip through the southern part of the state and as usual brought home a number of nice orders for Percy Jones. H. Van Gelder says that he is going to add a couple of more salesmen to his staff in the near future.

Fritz Bahr of Highland Park says that he had a delightful time in California on his recent visit. Anton Then did not accompany him home but remained a few weeks longer to more fully take in the sights of Dan MacRorie's state.

George Walther, 6310 Normal avenue, has the sympathy of the trade in the loss of his father, whose death occurred Wednesday, September 2, an account of which appears in the obituary column this week.

The George Wittbold Co. had a large number of orders for the Peck funeral, held this week. The late Dr. Comfort Edson Peck was vice-president of the Bowman Dairy Company for 30 years.

Frank Pasternik, who does the buying in the local market for the Ernst Weinhoer Floral Co., and wife have returned from a pleasant visit with relatives at Paw Paw.

W. M. Reid and C. O. Wilcox, two of the W. W. Barnard Co.'s traveling men, spent Labor day in the city, leaving the following Tuesday for another trip on the road.

The John Kruchten Co. is handling a large supply of stock in all the seasonable offerings, but particularly noticeable is the fine grade of Mrs. Chas. Russell roses.

Tony Einweck has resigned his position in Poehlmann Bros. Co.'s cut flower department to go to work for the Deering Harvester Co., at Billings, Mont.

The Atlas Floral Co. had a very pretty window display of outdoor flowers this week which was one of the best that Herbert Stone ever arranged.

Adolph Malchow, 3745 North Clark street, says someone threw a stone through his large plate glass window, Wednesday, September 1.

Paul Klingsporn of the Chicago Flower Growers' Association attended the Schramm funeral at Des Plaines, Thursday, September 2.

E. F. Winterson is still receiving treatment for blood poisoning which set in when he ran a spike in his leg several months ago.

L. Lozier, of the Kyle & Foerster store force, is back on the job after enjoying a well-earned vacation.

A. T. Pyfer & Co. have fixed up their office in grand style and are now ready to tackle the fall business.

The Chicago Florists' Club will meet at the Bismarek Hotel, Thursday, September 9, at 8 p. m.

H. Munson is now comfortably located in new quarters at 1353 North Clark street.

Weiland & Risch are giving their store a new coat of white and green paint.

Richard Rolston, with the Fleischman Floral Co., is enjoying his vacation.

L. Hoekner is installing a new boiler in his range at Crystal Lake.

Eli Cross, of Grand Rapids, Mich., visited friends here this week.

You Can Get What You Need Here In Cut Flowers

BEAUTIES==ROSES==ASTERS==GLADIOLI
LILIES=VALLEY=ORCHIDS=CARNATIONS

Green Goods are always handled
in Large Quantities at Our Store

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
" 2572
Auto. 48-734

Chicago

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Randolph 6269.

CHICAGO, ILL.

A. L. Vaughan, of A. L. Vaughan & Co., is using his automobile to good advantage by calling on his growers whenever the occasion presents itself. He visited the range of the Des Plaines Floral Co. at Des Plaines and Elmer Sigwalt's place at Arlington Heights and reports that he found the young stock at both places in splendid condition. Miss Paradise, who keeps the firm's books, completed eight years of faithful service this week.

H. N. Bruns has been entertaining his brother-in-law, Albert Bietschke, this week, who has just returned from San Francisco, Calif., where he attended the annual convention of the Park Superintendents. Mrs. Bietschke stopped off here while her husband went on to the coast. Mr. Bietschke is head gardener at the Ziegler estate in Connecticut.

A. Engbrecht, 2159 West Twenty-first place, left this week to visit his son, who has taken up a homestead in Saskatchewan, Canada, and expects to be away until some time in November. Mrs. Engbrecht will have charge of the store during his absence.

About 100 horticulturists from Lake Geneva, Lake Forest, Winnetka and other nearby gardening centers visited Vaughan's nurseries and greenhouses at Western Springs, September 8, taking keen interest in the many high grade novelties there under test.

Chas. W. McKellar received a postal from George Asmus and wife, dated September 4, which read that they were having a delightful time in Yellowstone Park on their way home from the San Francisco convention.

Philip Schupp has made a number of changes in J. A. Budlong's store force. Fred Price now has charge of customers and is ably assisted by Jack Byers, who has had many years of experience in the local wholesale market.

Fred Nelson, of the George Wittbold Co., and Joe Schouten, with the Ernst Wienhoeber Floral Co., returned recently from a delightful automobile trip to St. Louis, Mo.

The state fair takes place at Spring-

field, September 17-25. For information regarding horticultural exhibits address J. J. McComb, 3327 Potomac avenue, Chicago.

Allie Zech has returned from a pleasant fishing trip at Tomahawk Lake, Wis., and is again attending to his duties as manager at Zech & Mann's wholesale store.

George F. Griffin, president and general manager of the Griffin Car Wheel Co., is the donor of the new \$20,000 band stand recently dedicated in Lincoln park.

George Asmus and wife, who have been visiting Yellowstone park on the return trip from the San Francisco convention, are expected home September 9.

Treasurer Wm. F. Kasting, of the Society of American Florists, passed

through the city September 6, returning from the San Francisco convention.

Thos. McAllister, of A. Lange's, returned from the San Francisco convention September 7.

Carl Vaughan, with Vaughan's Seed Store, has just returned from a Wisconsin trip and leaves this week on a western route.

The next annual meeting and exhibition of the Illinois State Florists' Association will be held at Moline, March 7-8, 1916.

W. W. Coles, wife and daughter reached this city September 8, returning from the San Francisco convention.

Miss Frances Ludlow, of Vaughan's Seed Store, is spending her vacation in New York and Boston.

A. T. Pyfer & Co.

Wholesale Florists

30 East Randolph Street

Chicago, Ill.

THE SIGN OF QUALITY

LARGE YELLOW 'MUMS-BEAUTIES

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

VALLEY--HARRISII--ASTERS--besides

ANYTHING AND EVERYTHING
THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Columbus, O.

TRADE IS DULL.

Sizing up the chrysanthemum outlook, a leading local florist estimates that the half-dozen or more larger concerns will each have an average of 20,000 blooms. This is quite an increase in planting over last year, and would seem to indicate that there will be a bountiful home supply on standard varieties at least. The promised quality of stock is excellent. Some delicate shades of yellow, shipped in from a distance, are now on display at \$3.50 to \$4 a dozen. There are also some cuttings from local greenhouses, but the blooms on this early stock are small. With the wane of the gladioli, prices have stiffened a little from the bargain quotations of 50 cents a dozen by which florists have attempted to unload. Gladioli have not added much to profits, with heavy growing and light demand. The second crop will have been exhausted locally by another week. As sales have been such a drag, it is not believed that this flower will be shipped to any extent. Recent cuttings of roses show blooms about one-half the size they would be normally. Continuous cloudy weather has had a very bad effect upon all flowers during the past week. Business is generally dull, funeral work being the main standby.

NOTES.

The flower display at the Ohio state fair, which was on at Columbus for five days ending with September 4, proved to be the largest and most beautiful of any yet attempted at this annual event, according to Superintendent Stevens. It was found necessary to rope off one of the main aisles of horticultural hall in order to accommodate all the floral exhibitors. One of the finest displays was that of the Livingston Seed Company, which carried off first honors for the best decorated dining table. First money was \$50. Mrs. Hope A. Bell, of Columbus, took second money, \$60. The Indianapolis Floral Company won the third prize, \$40, and the Hardesty Floral Company, fourth prize, \$25. The Livingstone prize table display consisted of Sunburst roses, delphinium and lily of the valley, arranged in pieces of cut glassware.

C. C. J.

PAWTUCKET, R. I.—Two houses, each 38 by 85 feet, are being erected by Fred Hoffman at his range on East avenue.

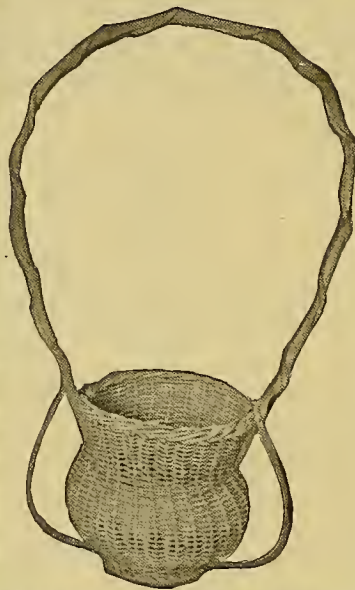
BASKET BARGAIN

ASSORTMENT

25

Small Cut Flower Baskets
Including Liners

\$7.50



This assortment of 25 small cut flower baskets for \$7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

Houston.

FLOWER SHOW PLANS.

Arrangements for the flower show to be held in Houston November 14-20 were made August 30, by the Houston Florists' Club at a meeting in the rooms of the Chamber of Commerce. The convention of the Society of American Florists to be held in Houston next June was discussed. An attendance of 2,000 is expected by R. C. Kerr, who was elected vice-president of the society at the San Francisco convention. A barbecue with a trip down the ship channel to the San Jacinto battleground will be given the visitors. It was decided to award certificates of merit at the flower show instead of cash prizes. The following committees were placed in charge of arrangements:

Committee on recommendations—R. C. Kerr, general chairman; P. M. Car-

roll, treasurer; A. L. Perring, secretary.

Trade display—W. J. Baker, Fort Worth, chairman; H. O. Hannah, Sherman; Charles Alf, Jr., Austin.

Exhibition and hall—C. L. Brock, Houston, chairman; A. H. Kohle, Sherman; Bird Forrest, Waxahachie; E. E. Stone, Dickerson.

Premiums and judges—Tom Wolfe, Waco, chairman; Edgar Hall, Austin; J. E. McAdam, Fort Worth.

Admission—P. M. Carroll, Houston, chairman; C. H. Bleker, Houston; A. L. Perring, Houston.

Publicity—S. J. Mitchell, Houston, chairman; L. J. Tackett, Fort Worth; Louis Oesch, Dallas.

Amateur exhibits—R. G. Hewitt, Houston, chairman; W. T. Hauser, Houston; Henk Dirken, Houston.

Entertainments—H. H. Kuhlman, Jr., chairman; all members of the Houston Florists' Club.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

Kyle & Foerster

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Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

George Reinberg

Wholesale Florist
Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.
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GROWERS AND SHIPPERS
CUT FLOWERS
154 NO. WABASH AVE.
CHICAGO
PHONE CENTRAL 879

Mention the American Florist when writing

Decorations—H. H. Kuhlman, Jr., chairman; Mrs. F. L. Cotney, Houston; Mrs. M. A. Hanson, Galveston; John J. Boyle, Houston.

H. C. T.

Islip, New York.

The Islip Greenhouses, of which Robert Kerr and E. J. Skinner are the proprietors, are well located and a variety of stock is grown. The garden and landscape features of this place are noteworthy. The grounds are well laid out and a great variety of herbaceous flowering plants were noted. As they are in view of the railroad station, that is a good advertisement.

At East Islip, Joseph F. Cervenka has a carnation range of 6,000 square feet of glass and seems to be prospering.

A. F. F.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

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163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.
174-6 N. Wabash Ave.,
CHICAGO.
L. D. Phones Central 1977 and 1978.

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Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$3 00
" " 26-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
Hoosier Beauty.....	4 00@15 00
Killarney Brilliant	3 00@10 00
Killarney	2 00@10 00
White Killarney.....	2 00@10 00
Richmond.....	3 00@10 00
Prince of Bulgaria.....	2 00@10 00
Rhea Reid.....	2 00@10 00
My Maryland.....	2 00@10 00
Mrs. Geo. Sawyer.....	3 00@10 00
Milady.....	3 00@10 00
Sunburst.....	3 00@10 00
Mrs. Aaron Ward.....	2 00@10 00
Hadley.....	3 00@10 00
Ophelia.....	3 00@10 00
Our selection.....	3 00
Asters.....	1 00@ 4 00
Carnations.....	1 00@ 3 00
Cattleyas..... per doz., 4 00@ 6 00	
Gardenias..... per doz., 3 00@ 4 00	
Chrysanthemums..... per doz., \$1.50 to \$3.00	
Gladioli.....	2 00@ 8 00
Lilium Harrisii.....	10 00@12 50
Valley.....	4 00@ 5 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	1 50@2 50
Galax.....	1 00@1 25
Leucanthos.....	75 @ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprengerii, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.
Wholesale Cut Flowers,
Florists' Supplies.

Wieter Bros.

Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

FIELD GROWN CARNATION PLANTS

PINK			PINK			WHITE			RED		
	100	1000		100	1000		100	1000		100	1000
Alice.....	\$15.00	\$140.00	Dorothy Gordon.....	\$7.00	\$60.00	Matchless.....	\$3.00	\$70.00	Champion.....	\$3.00	\$70.00
Mrs. C. E. Akehurst..	12.00	100.00	Winsor.....	7.00	55.00	Enchantress.....	7.00	55.00	Beacon.....	7.50	60.00
Mrs. C. W. Ward.....	7.00	55.00	Fearless.....	8.00	70.00	Perfection.....	7.00	55.00	Victory.....	7.00	50.00
R. P. Enchantress....	6.00	55.00	Gorgeous.....	7.00	60.00	White Wonder.....	7.50	60.00	Comfort.....	6.00	45.00
L. P. Enchantress....	6.00	50.00	Philadelphia.....	7.00	65.00	Alma Ward.....	7.00	55.00	Commodore.....	7.00	60.00
Enchantress Supreme	8.00	70.00	Ruth.....	7.00	55.00						

The above varieties we have in large quantity. We have never offered the trade better plants than we have this year. Let us figure on your requirements. We guarantee satisfaction.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

HEAVY FUNERAL DEMAND HELPS TRADE.

On account of several important funerals, at one of which it is estimated there were between three and four thousand dollars worth of flowers used, the business of the week can be said to have been fairly satisfactory. There is a good supply of almost everything seasonable. In roses, American Beauties, Russell & Mock are leaders. New crop Hadley, Ophelia and Hoosier Beauty are coming in, all of course rather short in stem. White roses are scarce, others about normal. Easter lilies shortened up, or appeared to, on account of the demand, as well as lily of the valley, which has been quite scarce for the past two weeks. There is still an abundance of asters; the locals are running low, but quantities are coming from New York state and these latter are of excellent quality. The dahlias are now here in earnest; almost any of the leading sorts can be had in quantity, and as this is their time, it would help a lot if the storemen would boost this fall flower, benefiting both the grower and themselves at the same time. There are still some fine gladioli, which are a great help in made up work and in all kinds of decorations, particularly fall store openings, which are just commencing.

NOTES.

The Wanamaker fern, the latest sport of this very varied family, is meeting with public favor. Nearly every order received by the Robert Craig Co. includes some of this fern. Mr. Craig reports that their crotons were never finer, the strongly colored sorts being in the best shape they have ever had them. Cyclamens and begonias have also done splendidly, owing to the cool summer.

The news of the death of Edwin Lonsdale was quite a shock to the craft of this city generally. He was the friend of everyone that knew him, and the memory of the many joyous hours spent in his company, while he was actively engaged with us here, will ever remain a cherished memory.

Mr. Eschner, of the M. Rice Co., is back from the S. A. F. convention trip. He is immensely pleased with the convention and the beautiful country he passed through enroute, both coming and going, and is now a better American than ever.

Jos. Heacock will open his city store about September 15. The stock is now being handled by Stuart Miller. Shipments of palms have been going out lively the past week, the first of their reserve orders for the coming season.

Berger Brothers are right in it with choice asters and dahlias received direct from their own farm, where the crop promises to be fine. Select lily of the valley is also a feature.

The Leo Niessen Co. are now busy with their first shipments of dahlias in quantity. American Beauty roses and Easter lilies are also features.

Edward Reid is handling very choice asters from New York state. He says he will have them all through September.

George Anderson is reported about the same, recuperating slowly. His family is hopeful of his early recovery.

Wholesale Flower Markets

BOSTON, Sept. 8.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney..	2 50@5 00	
" Double White Killarney...	1 00@6 00	
" Killarney Brilliant.....	1 00@8 00	
" Hadley.....	1 00@10 00	
" Cardinal.....	1 00@12 00	
" Mock.....	1 00@8 00	
" Mrs. Chas. Russell.....	1 00@12 00	
" Sunburst.....	1 00@8 00	
" Taft.....	1 00@8 00	
" Milady.....	1 00@8 00	
" Ward and Hillingdon.....	1 00@6 00	
" My Maryland.....	50@5 00	
Cattleyas.....	25 00@35 00	
Lily of the Valley.....	3 00@4 00	
Sweet Peas.....	50@1 00	
Carnations.....	50@1 00	
select.....	1 50@2 00	

BUFFALO, Sept. 8.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " fancy.....	15 00@20 00	
" " extra.....	10 00@12 00	
" " No. 1.....	6 00@10 00	
" " No. 2.....	2 00@3 00	
" Killarney.....	3 00@6 00	
" White Killarney.....	3 00@7 00	
" My Maryland.....	3 00@6 00	
" Killarney Queen.....	3 00@4 00	
" Richmond.....	3 00@6 00	
" Sunburst.....	3 00@6 00	
" Ward.....	2 00@4 00	
" Taft.....	3 00@6 00	
" Ophelia.....	4 00@8 00	
" Mock.....	3 00@7 00	
" Francis Scott Key.....	4 00@8 00	
" Shawyer.....	3 00@7 00	
Lily of the Valley.....	4 00	
Lilies.....	6 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@1 50	
Snapdragons.....	1 00@2 00	
Peas (outdoor)..... bunch, 5c@10c		
Gladioli.....	1 00@2 00	
Asters.....	40@1 50	
Asparagus Sprengeri..... 35@ 50		
Ferns..... per 1000, 2 50		
Smilax.....	15 00	

CINCINNATI, Sept. 8.		Per 100
Roses, Beauty..... per doz., \$0 75@3 00		
" Killarney.....	2 00@6 00	
" My Maryland.....	2 00@6 00	
" Richmond.....	2 00@6 00	
" Taft.....	2 00@6 00	
Lily of the Valley.....	3 00@4 00	
Lilium Giganteum.....	4 00@3 00	
Asparagus Plumosus..... per bch., 25c		
Gladioli.....	1 00@3 00	
Asters.....	1 00@2 00	
Dahlias.....	1 00@3 00	

ST. LOUIS, Sept. 8.		Per 100
Roses, Beauty, medium.....	8 00@15 00	
" " short stems.....	4 00@6 00	
" Killarney.....	2 00@5 00	
" White Killarney.....	2 00@4 00	
" Aaron Ward.....	2 00@4 00	
" Sunburst.....	2 00@5 00	
" Ophelia.....	3 00@5 00	
" Radiance.....	2 00@5 00	
Valley.....	3 00@4 00	
Carnations.....	1 00	
Orchids.....	50 00	
Asparagus Sprengeri..... per bu., 25@50		
Asparagus Plumosus..... per bu., 25@60		
Harrisii.....	8 00	
Sweet Peas.....	20@ 40	
Gladioli.....	2 00@3 00	
Ferns..... per 1000, 1 50		

H. C. Gelger has reached Topeka, Kansas, working his way home, by easy stages, from the convention.

K.

DES MOINES, IA.—The Wilson Floral Company of this city captured a number of first awards at the state fair. The company was given first on floral designs, red roses, American Beauty roses, yellow roses and white roses.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th, we will be closed all day Sundays until further notice.
McCALLUM CO.
Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.
Mention the American Florist when writing

Kansas City.

BUSINESS ABOVE THE AVERAGE.
Business during the summer months has certainly been above the average, and September has started out in a way that would indicate that business for the fall and winter will be beyond expectations of even the most optimistic florist in this city. Stock is coming into the market more plentifully and of better quality and sells readily. After a week of good sunshine and no rain, roses are improving, especially American Beauties, Mrs. Charles Russell, Bulgarie, Hadley and the Killarneys. Some very good asters are to be seen, in addition to good quality stock in lilies, carnations and

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **\$6.95** 300 Bulbs, \$18.00
1200 " 70.00

C. S. & CO.
NEW YORK

1000 Pips, \$15.00
2500 " 35.00

LILY OF THE VALLEY PIPS.

\$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc.,

90-92 West Broadway,

NEW YORK

New York.

COOL WAVE HELPS MARKET.

There were days during the past week when business was fairly active in the wholesale district. That was brought about more by the cool wave that cut down the supply of roses, than by any great increase in the demands. It is true, that in some sections, the asters are now well cut out, but it is scarcely noticeable in the market, and it is probable there will be more or less aster stock until frost comes. Dahlias, panicles of Hydrangea paniculata and tritomas are all plentiful enough to be factors in the market, and at some stores it has been said that the hydrangeas and tritomas sell well, which is not surprising as they are to some extent novel and attractive. The quality of rose stock is steadily improving, both in length of stem and quality of bloom, and less of the washed out colors are now seen. A few very fair chrysanthemums have arrived and from now on the supply will be on the increase. Considerable quantities of short carnations are on the market, but it would appear, considering the low price for which they sell, that it would be better to top the plants and save their strength for the future. There is enough of both cattleya and oncidium orchids to supply all demands.

September 6.—This being Labor day and a public holiday not much business was expected and though there was some buying in the morning, most of the wholesale stores closed at noon.

NOTES.

William Plumb, who spent his vacation here, started on his return to Cuba, September 4. He had been there since last autumn, engaged in beautifying the grounds of the estate of a wealthy sugar planter. On his return he took several assistants with him; also material for an orchid house, the idea of a house being to protect the stock from excessive wind and rain. We judge that Mr. Plumb has plans on foot to extend his activities in the landscaping business in Cuba.

The dissolution notice of the firm of Komitsch & Junge, growers, Secaucus, N. J., will be found elsewhere. Both these men are well and favorably known in the trade of this city, they having been, for some years, heavy shippers of orchids, chrysanthemums and sweet peas to Traendly & Schenck. Both are hard working and energetic men, and as they go their respective ways both will be followed by the good wishes of many friends.

The Flatbush (Brooklyn) growers are well up with their work and their stock looks promising. Though there have been complaints from carnation growers in various sections of the country about the wet season, the stock of the Flatbush growers does not seem to have suffered much. The plants, as a rule, are now well established in the houses and are making good growths.

James Coyle, a well-known wholesaler of 28th street, will soon occupy the store at 64 West 26th street, opposite the Coogan building, where the New York Cut Flower Co. and the Cut Flower Exchange are located. He has taken the entire building and it will be finely fitted up for doing business. Mr. Coyle has a good record and we wish him abundant success in this venture.

Secretary John Young, of the S. A.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

F., reached home, September 2, looking well and happy. After the convention he visited the Yellowstone National park, Salt Lake and other points of interest. He was much interested in the wonders and novelties. Among the novelties are bears so tame and civilized that they take their meals at the Yellowstone hotels.

At the D. Y. Mellis range, of which W. J. Boyd, formerly of Rochester, is now foreman, there is a great variety of good stock. A large cemetery business is done at this range, and both plants and cut flowers are grown. Mr. Boyd retains his Rochester home, but Mrs. Boyd has recently been visiting him.

The news of the death of Edwin Lonsdale, while not unexpected, was received by the trade of this city with feelings of unalloyed sorrow. He was one of nature's noblemen. Peace to his ashes, and may his pure and upright spirit shine in a brighter world where pain and anguish are unknown.

Dr. David Eisenberg, son of I. H. Eisenberg, the well known grower and retailer, and Miss Bertha Cohen, were married at the home of the bride's parents, 230 West 113th street, September 1. It was, of course, up to Papa Eisenberg to furnish a fine decoration, and he arose to the occasion.

N. A. Doganges has removed his retail business from 2683 to 2687 Broadway, where he is well fitted up. His brother, Thomas Doganges, is making great improvements in his establishment at 695 Columbus avenue and will have one of the finest stores in that section of the city.

A. C. Forman, of A. H. Langjhar's staff, has just returned from a vacation of two weeks, looking well and happy. Mr. Langjhar is now receiving from the Peacock Dahlia Farms, Berlin, N. J., fine blooms of the dahlias Dorothy Peacock and John Wana-maker.

Louis Schmutz, senior and junior, have rebuilt two plant houses this summer and made general repairs throughout their two ranges. They have a fine stock of plants for the coming season.

Percy Rigby, of the S. S. Pennock-Meehan Co., who, with Mrs. Rigby, has been on vacation in the lake region of this state, has returned to business. His store is now handling good roses.

Martin Grotewohl, the Reid avenue, Brooklyn, retailer, has recently been very busy re-fitting his store and conservatory. Martin is fortunate in having a good wife, who is also a good florist.

It now seems certain that a flower show will be held here in the spring of 1916, under the joint direction of the New York Florists club and the Horticultural Society of New York.

A. Kakuda, of the Yokohama Nursery Co., after eight months spent in looking after his company's exhibit at San Francisco, has returned to this city.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

In addition to a great stock of chrysanthemums and carnations, all of which look fine, Dailledouze Brothers have a promising stock of roses.

Moore, Hentz & Nash, of the New York Cut Flower Co., are now receiving fine roses for the season, particularly the variety Ophelia.

Guttman & Raynor, Inc., are now receiving fine cactus and other dahlias from Victor Zuber & Son, Whitestone, N. Y.

At the Henry Hession range, which is one of the largest in this vicinity, there is a great stock of carnations.

J. W. Mortimer, also of Van Pragg's, will soon take a trip to Vermont, combining business with fishing.

A. Demeusy has a fine carnation stock. He is growing a promising pink sport of Enchantress.

L. F. Rossow, of Van Pragg's 40th street store, is with his family on a vacation in Vermont.

The always-cheerful G. Messeberg has good carnations and a variety of other good stock.

J. Stokes, 413 Gates avenue, has a very neat store and seems to have a good business.

Craig Muir, 40th street retailer, has recently finished redecorating his store.

Walter F. Sheridan is handling good stock of the rose Mrs. Charles Russell.

A. F. F.

OFFICIAL
S. A. F.

Shipping Labels

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones { 1664 } Madison Square, 34 W. 28th St., New York
{ 1665 } Square,
Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Mention the American Florist when writing

Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

Mention the American Florist when writing

Pittsburgh.

BUSINESS RETURNS AFTER SUMMER LULL.

With the summer season gradually drawing to a close, it pleases us to report that business is again returning in the Pittsburgh territory; not a stellar showing, however, but prosperity is being breathed from the very atmosphere. Cooler weather, we may add, has helped things noticeably. According to our local weather reports the month of August has been the coolest August for 30 years. There is plenty of stock, but no variety. Gladioli and asters are prime factors. The September gladioli far excel those of the earlier summer in quality, and there are lots of them, too. The wholesale men are having a hard time getting rid of their asters without giving them away. The late crop stock is excellent, but there are so many of them around that they attract little attention. New crop carnations are appearing daily, and the excellent condition of the plants in the local green-houses is causing much comment.

NOTES.

We regret to announce the death of John Bubach, of Brooklyn, N. Y., which occurred Saturday, August 28. Mr. Bubach was very well liked by the trade, and at the time of his death was western road agent for the McCallum Company, having been connected with Schloss Bros., New York, some time ago.

The McCallum Company have added a basket manufacturing department to their growing florists' supply business, with John Schuler in charge, who has catered to the best retail trade in the same capacity until August. E. J. McCallum is on a business trip to Cleveland.

Henry Wiggins promises some great surprises when he opens his new retail store on one of our leading avenues this fall. "Just wait until I show you some new ideas", says Wig. We'll wait!

Carl Zilinski has opened a retail flower store in Montooth borough, at the terminus of the Beltzhoover car line, having operated a range of green-houses for a number of years.

Mrs. E. A. Williams' store is again in good shape, after a long interruption to business, caused by raising the flood level throughout the downtown district.

G. M.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Mention the American Florist when writing

Wholesale Flower Markets

	NEW YORK, Sept. 8.	Per 100
Roses, Beauty, special.....	10	00@15 00
" " extra and fancy....	6	00@ 8 00
" " No. 1 and No. 2....	3	00@ 4 00
" Alice Stanley.....	1	00@ 5 00
" Prince d'Arenberg, special.	4	00@ 5 00
" Francis Scott Key, special.	5	00@ 6 00
" Mrs. Geo. Sawyer, special	4	00@ 5 00
" " extra....	3	00@ 4 00
" " No. 1 & No. 2	50	@ 1 00
" White Killarney, special....		5 00
" Killarney, My Maryland....		4 00@ 5 00
" " special.....	4	00@ 5 00
" " No. 1 and No. 2....		75@ 2 00
" " Queen.....	1	00@ 5 00
" " Brilliant.....	1	00@ 5 00
" Aaron Ward.....	1	00@ 5 00
" Richmond.....	1	00@ 4 00
" Sunburat.....	1	00@ 5 00
" Taft.....	1	00@ 5 00
" Milady.....	1	00@ 4 00
" J. L. Mock.....	1	00@ 5 00
" Hadley.....	1	00@ 8 00
" Ophelia.....	1	00@ 5 00
" Mrs. Chas. Russell.....	1	00@ 8 00
" Hoosier Beauty.....	1	00@ 5 00
Cattleya Orchids, special.....		50 00
inferior grades.....	25	00@35 00
Lilies, Longiflorum and Harrisii..	4	00@ 5 00
Lily of the Valley.....	2	00@ 3 00
Asters.....		25@ 1 00
Dahlias.....	1	00@ 1 50
Carnations.....		75@ 1 00
Tuberoses.....per doz., 25c@30c		
Bouvardias.....	1	00@ 1 25
Adiantum Croweanum and Hybridum.....	1	00@ 1 50
Asparagus Plumoans.....doz. bchs.	1	00@ 2 00
Smilax..... doz. strings.	75	@ 1 00
Gladiolus.....per doz., 10c@15c		

United Cut Flower Co., Inc.

WHOLESALE FLORISTS

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Madison Square.

Orchids, Roses, Carnations and all the other best products of the leading growers. Consignments solicited.

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade at Wholesale.

Telephones: Madison Square 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N. Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing



Mention the American Florist when writing

St. Louis.

FUNERAL WORK ONLY OUTLET FOR STOCK.

The warm weather the past week materially increased the supply of stock, and outside of funeral work there was but little doing. A frost severe enough to kill outside stock is about the only remedy to force business. There are some good asters now coming in, prices ranging from two to three cents. Carnations are also arriving but the stock looks poor. All kinds of roses and lilies are plentiful, American Beauty and Mrs. Charles Russell being in fair demand.

NOTES.

Five wholesalers journeyed to Kirkwood, September 1, to attend by request the growers' meeting. The feature of this meeting was how the wholesaler stood on the early closing question. After a debate the wholesalers concluded to close every evening at six o'clock after September 15, but positively agreed to keep closed Sunday.

John Steidle, of Olivette, who has heretofore shipped his stock to a prominent retailer, is now consigning his entire cut in roses and carnations to H. G. Berning. John is a first class grower and his stock will be welcomed by the florists in general.

W. A. Seeger, Jr., president of the Mullanphy Florists Co., and Miss Beulah Kirk Radford, of Chattanooga, Tenn., were married August 31. Congratulations are in order.

J. E. Schaeffer, formerly head designer for Scruggs, Vandervoort & Barney, has now accepted a position with the Mullanphy Florists, at their downtown store.

The florists and nurserymen's union had beautifully designed floats in the Labor day parade. Grimm & Gorly and the Mullanphy Florists were also represented.

Geo. H. Angermueller has already begun his holiday campaign in supplies. He expects a full line in all novelties for fall and holiday trade.

H. G. Berning had a fine supply in fancy asters last week. Large quantities of roses are coming in and are sold in lots in order to move.

Vincent Gorly and wife have returned from the coast just in time to receive their handsome new delivery car.

William Grey, formerly with the Mullanphy Florists, is now with Patrick Larkin, of Kansas City.

Mrs. Rosie Schoenle, of the Schoenle Floral Co., has remodeled and handsomely decorated her store.

Alex Siegel will return this week and will have no difficulty in starting his bargain sales.

Wm. C. Smith Wholesale Floral Co. has a fine large stock of fancy wooden easels.

J. Young & Sons have started to build their greenhouses on Olive Road.

Tom Carr at the Union market reports trade as picking up.

Miss Doussart, of East St. Louis, reports trade good. W. F.

Oklahoma City.

Business has fallen off considerably within the last week, there being little doing in any class of work.

In the Labor day parade put on here, there was but one decorated float; this was done in natural flowers and was the work of The Stiles Co.

Judging from the appearance of some of the asters that are reaching here from Chicago, the crop must be below its usual standard of quality this year.

September 1 rounded out the first year's business of Furrow & Co. as retailers in this city. Their success has been beyond all expectations and they look for still greater business during the year to come.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless

Green.	Per 100
20x 4x3, Teles. Cov.....	\$1 60
24x 4x3	1 60
18x 5x3	1 90
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.....	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 25
36x 8x5, Teles. Cov.....	3 25
40x 8x5	6 75
30x10x5	3 25
36x10x5	6 75
30x12x6, Telescope.....	7 50
Palm Green Untinted.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

Mention the American Florist when writing

Mrs. Eager, of the firm of Furrow & Co., returned September 4, from a six weeks' vacation spent in the north. Mrs. Eager spent some time in Chicago and called upon many of the wholesale and retail dealers while there.

Visitors: A. Smith, of the Interstate Rustic Company, Wichita Falls, Tex.; A. A. Anderson, representing Cordley & Hayes, New York; Mrs. T. S. Hillyer, Austin, Tex., on her way home from the S. A. F. convention, accompanied by her daughter.

S. S. B.

Cincinnati.

SHORT STOCK HARD TO MOVE.

Business is steady and better than it was, but as yet is not strong enough to take up all receipts. The better and longer grades of blooms sell fairly well, but the short ones crowd up. Asters continue in a very heavy supply and include many excellent offerings. Gladioli receipts are large and more America are arriving than for the past few weeks. In roses, good blooms in all reasonable varieties may be had in quantities. Easter lilies and rubrums are plentiful. Some fine dahlias are coming into the market. Other offerings include carnations and cosmos. The supply of greens is sufficient to take care of all present needs.

NOTES.

C. J. Ohmer and wife and Master Jim Ohmer have returned to this city after motoring through Ohio.

The installation of the county recorder and county treasurer on Labor day used many flowers.

Max Rudolph has the big Alms & Doepke Company fall opening decoration this week.

The E. G. Hill Floral Company has a number of large openings for this week.

C. E. Critchell has been getting in some excellent American Beauties.

Visitors: W. C. Laurence of Laurence Floral Co., Atlanta, Ga.; J. G. Botkin and family, Urbana, Ohio; S. Geller, representing the Geller Florist Supply Co., Brooklyn, N. Y.; Milton Alexander, representing Lion & Co., New York; George Hampton, of J. G. Neidinger Co., Philadelphia, Pa., and J. T. Heidegen, Aurora, Ind. H.

Windsor, Ont., Horticultural Society.

The first annual flower show given under the auspices of the Windsor Horticultural Society, which opened September 2 in the Agricultural building was a truly remarkable exhibition, when it is taken into consideration that the majority of the exhibitors were school children who raised the flowers and vegetables displayed from

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING. Write us for our sample folders, cuts and slides for advertising:

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

Southern Wild Smilax
\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax
\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

Caldwell the Woodsman Co.
EVERGREEN, ALABAMA

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

Mention the American Florist when writing

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

1333 W. 35th St., CHICAGO, ILL.

Mention the American Florist when writing

penny packets of seeds, which they purchased from the horticultural society last spring, and many of the children had only clay in which to grow their plants.

In the section devoted to flowers almost every reasonable variety was to be seen. There were many tasty arrangements of cut blooms and pot plants, and many of the basket arrangements would have received an award in competition with more experienced "grown-ups." The exhibition was an artistic one, and from an educational point of view it was a splendid success, and it will doubtless be repeated next year on a much larger scale, as the interest in the initial event this year was attested by an attendance of more than 10,000 persons, many coming from Detroit.

Carter & Howe, florists, assisted the ladies of the society in arranging the attractive exhibits, taking every pains to make the affair the success it proved to be.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevens & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE
Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.
1153 Broadway. Cor. 15th & H. Sta

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 20th Street

To out-of-town florists: **NEW YORK**

We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

18 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.
Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

OF
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckhee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., inc., Boston, Mass.
Galvin, Thos. F., inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heisl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johanson & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Lehorius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., S. W. Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Rueter's New London, Conn.
Rueter's, Norwich, Conn.
Rueter's Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schlog, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stump, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Witthold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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All orders carefully filled and delivered to all parts
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PRICE: \$3.00, postpaid.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons. Co.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
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Lincoln, Neb.—Frey & Frey.
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Louisville, Ky.—The F. Walker Co.
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Newark, N. J.—Begerow's.
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New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
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New York—Max Seiling, 22 W. 59th St.
New York—Meyer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Svoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckhee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
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San Francisco—Podesta & Baldocchi.
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Sedalia, Mo.—Archias Floral Co.
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Tacoma, Wash.—California Florists.
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Mail or telegraphic orders promptly and most carefully executed.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

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The Largest Retail Supply House in the West
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Flowers or Design Work.

Delivered in Albany and vicinity on
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We deliver anywhere in Canada and guarantee
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Deliveries to Steamers and all Eastern Points.

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FLORISTS
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Members Florists' Telegraph Delivery.

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Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

Houston, Texas.
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Main and McKinney Phone, Preston 160
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(Successor to Geo. A. Hehl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
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DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
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Member of Florists' Telegraph Delivery.

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Phone 5297 Plaza.
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FLOWERS
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Will fill orders for the West on short notice
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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
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OF THE

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Choice Cut Flowers
Portland Flower Store
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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
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ALFRED HANNAH & SONS will fill your orders for designs and Cut Flowers in Michigan

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Winter Flowering Sweet Peas Spencer Types

Our expert California seed growers have spent much time "rogueing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

Novelty Yarrawa

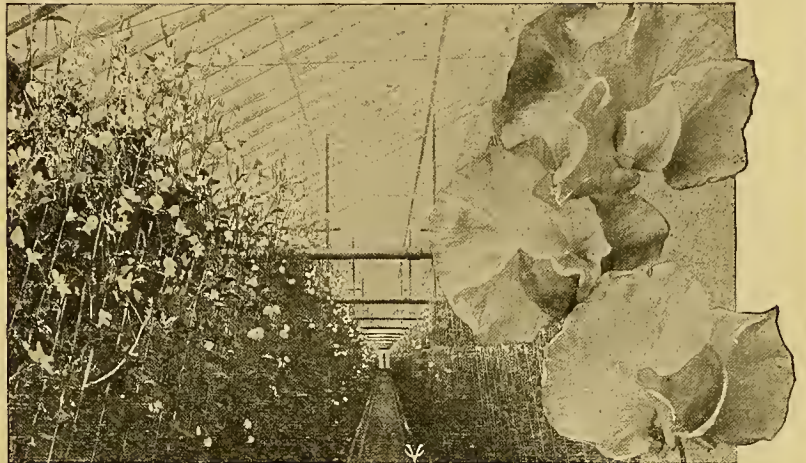
The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long, stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., 1/4 oz., 50c.

Selma Swenson

A beautiful clear light soft pink, waved petals, strong grower and good forcer, originated by Mr. August Swenson, and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; 1/4 oz., \$2.50.

Rose Queen

A Christmas flower, rose pink Spencer, a popular Indianapolis novelty. Our seed grown and saved from originator's stock. Oz., \$10.00; 1/4 oz., \$2.50.



	Oz.	1/2 oz.	Tr. pkt.
Anita Wehrman. Clear lavender.....	\$8.00	\$4.00	\$2.00
Mrs. A. A. Skaach. Bright shell pink	1.75		.50
Mrs. J. Manda. Light shell pink.....	2.00		.50
Mrs. Woodrow Wilson. Apple-blossom pink.....	2.00		.50
Pink and White	1.50		.50

	Oz.	1/2 oz.	Tr. pkt.
Orchid Beauty. Dark rose, blushed with orange.....	\$2.00		\$0.50
Pres. Woodrow Wilson. Magenta rose	2.00		.50
Rose Queen. Rose pink.....	10.00	\$5.00	2.50
Venus White, pink wings	2.00		.50

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz., 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., **Chicago**

SMITH'S REVISED Chrysanthemum Manual

The best work on Chrysanthemum culture for the florist. Treats the subject in a concise manner, covering the whole work from care of stock to staging blooms. Price, 50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

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Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.
Prices low. Send for list.

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GERANIUMS

Summer Prices.

* Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt.....\$10 00 per 1000
Ricard and Poitevine..... 12 50

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GEO. A. KUHL,
PEKIN, ILL.,

For Prices and List of

**MUMS, ROSES, FERNS,
BEGONIAS and General Stock**

Wholesale Grower to the Trade.

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Field-Grown Carnation Plants

Fine, Healthy Stock at Cleanup Prices.

White Perfection.....\$4.00 per 100; \$35.00 per 1000
Victory..... 4.00 per 100; 35.00 per 1000

J. A. BUDLONG, 82-84-86 E. Randolph St., Chicago, Ill.

Some Excellent Stock In Abundance

Liberal extras for early orders

Size of pots.	100	1000
2 1/4 -in. Asparagus Plumosus.....	\$2.50	\$22.50
3 -in. Asparagus Plumosus.....	5.00	45.00
4 -in. Asparagus Plumosus, large pots	7.50	70.00
2 1/2 -in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2 1/4 -in. Begonia Chatelaine.....	6.00	55.00
3 -in. Begonia Chatelaine.....	10.00	95.00
2 1/2 -in. Begonia Erfordi and Luminosa	4.00	38.00
3 -in. Begonia Erfordi and Luminosa	7.50	70.00
2 1/4 -in. Primula Obconicas. Fancy mixed or separate colors.....	2.50	22.50
2 1/4 -in. Chinese Primrose. Choice m'x'd	3.00	25.00
2 1/4 -in. Cinerarias. Assorted.....	2.35	20.00
2 1/2 -in. Smilax	2.50	22.50
2 1/4 -in. Cyclamen. Eight varieties.....	6.00	55.00
3 -in. Cyclamen. Eight varieties.....	8.00	75.00
10,000 Ferns—From bench: Boston, Scottii, Elegantiissima, Piersoni, etc.,	\$12.50, \$15 00 and \$20.00 per 1000.	

Field Grown Violet Plants. Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell; fine stock. \$5.00 per 100. \$45 00 per 1000.
2 1/4 -in. Violet Plants—Marie Louise and Lady Campbell, \$3.00 per 100. \$25.00 per 1000.
3 -in. pot plants, \$4.00 per 100, \$35.00 per 1000.

Send your orders today. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist, WASHINGTON, N. J.

Send For Description of Seedling Carnation

MISS THEO

Rooted cuttings,
\$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN

North Abington, Mass.

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Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

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The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

SAN FRANCISCO, CALIF.—Lester L. Morse will leave shortly for a two months' stay north, where he hopes to regain his health.

ST. LOUIS, Mo.—A. W. Schisler, of the Schisler & Kaercher Seed Co., has purchased the Blue Ribbon farm of 377 acres, located 14 miles from this city, for \$60,000. It will be used by the company as an experiment station.

ONE Michigan grower writes: "It is difficult to tell now just what damage has been done but we have been hurt by flood, rust and frost and we look for the shortest crop of beans in our history as growers."

VISITED CHICAGO: Fred B. King, of Mandeville, King & Co., Rochester, N. Y., returning from the Pacific coast, with wife and family; G. C. Thomson, of Northrup, King & Co., Minneapolis, Minn.; George H. Dicks, representing Cooper, Taber & Co., London, Eng.

PHILADELPHIA, PA.—The auction sale of the bankrupt stock of the Johnson Seed Co., under the direction of the receiver, James O'Brien, was held August 24. The appraisal was something over \$12,000, but at the auction prices realized were very poor.

CHICAGO.—Prices for grass seed on the Board of Trade September 8 were as follows: Timothy, \$5.75 to \$8.00 per 100 pounds.—Robert Newcomb, formerly with Vaughan's Seed Store, is now with the W. W. Barnard Co.—D. D. P. Roy, formerly with A. Henderson & Co., is opening an office at 168 North Michigan avenue for the sale of seeds, bulbs and plants.

Onion Set Growers Affected.

At Wheeling, near Chicago, all intercourse between the farms is prohibited because of foot and mouth disease quarantine. Some onion set growers are affected.

Onion Sets.

Warmer and generally clear weather in the Chicago district has been favorable since our last issue for getting this crop in crates and sheltered. Late gathered sets are said to be forming new shoots and indicating a disposition to start into growth.

Corn is improving. Melon seed crops have been hurt by cold.

Cold Weather and the Crops.

The Produce News of September 4 says that at Petoskey, Mich., Louis Darling lost 400 acres of seed beans, while Frank Grueller & Sons lost heavily. Cadillac, Mich., reports white beans, corn and pickles wiped out, potatoes badly hurt. At Ludington on the lake the losses were not so heavy, 75 per cent of beans cut down. Green Bay, Wis., reports the coldest August day since 1887. Potatoes generally damaged in northern Michigan and northern Wisconsin. Ice formed at La-Crosse, Wis., with lowest August temperature, 35 degrees.

Bean Damage in Michigan.

RAIN MORE HARMFUL THAN FROST.

Jackson, September 1.—"From reports that we get from the northern part of the state," writes S. M. Isbell & Co., "there has been some damage done by frosts, the most damage having been done by the extremely wet weather which induced blight and anthracnose. Further south on the sandy lands the damage has not been so bad. One dealer who made an extensive trip in his automobile, phones us that he thought in some places the light frosts were a benefit rather than a damage, as the extremely wet weather had made an excessive growth of vines, and that by killing off the few top runners and leaves the sun would be able to penetrate and cure what beans there were. Here in the immediate vicinity of Jackson, there has been no damage done by the frosts. We look for a 50 per cent crop of garden beans, perhaps a little better. If we should get real good weather, it may exceed this somewhat."

Alpena, September 1.—Rogers Bros. report as follows: "Frost at least in one of our districts in southern Michigan does not seem to have done much damage. We do not think that our crops have been injured by frost to any extent but they have been damaged considerably by the extreme wet weather."

Saginaw, September 6.—The firm of W. H. Grenell reports as follows: "Some farmers report a better crop than others, and some a total loss. We are having wet weather at present, which is of course not encouraging, and should it continue, the bean crop will suffer considerably more."

Holland Seed Crops.

Sluis Brothers, of Enkhuizen, advise that owing to the high prices of foodstuffs contracting for biennial seed crops was extremely difficult the past season and will be still more so for 1916. The weather conditions also during the past season have been very unfavorable so that the general outlook in vegetable seeds is far from promising.

In flower seeds the early ripening stocks were harvested in fair quantity and of good quality with few exceptions. The later ripening stocks will afford smaller yield, owing to unfavorable conditions during the harvesting period.

New York Seed Trade.

The MacNiff Horticultural Company will soon start their auctions, announcement of which will be found elsewhere in this issue. In the mean time their counter trade in seeds, bulbs and plants is constantly increasing.

John S. Nicholas, the Grand Central florist and seedsman, has recently received a large shipment of Holland bulbs. Mr. Nicholas is encouraged by the success of his seed department.

The Stumpp & Walter Co. have recently exhibited a collection of fine

blooms of the best asters. In their show windows bulbs in variety are featured.

John Wilk, who has a seed store on 33rd street near the Pennsylvania station, says he is well pleased with the outlook for fall business.

At the office of the H. Frank Darrow Co. it was recently stated that letters from Belgium advise them that azaleas will be shipped.

The Yokohama Nursery Co. has received from Japan shipments of callas, freesias and formosum lily bulbs.

J. M. Thorburn & Co. have a very fine exhibit of bulbs. A. F. F.

Rice on the Bean Crop.

Cambridge, N. Y.—The Jerome B. Rice Seed Co. writes as follows September 6: "The bean situation is most unsatisfactory and we fear that dwarf wax beans are in as bad condition as we ever saw them at this season of the year and the tender podded green dwarf sorts are also practically gone, while the later and hardier varieties are hanging in the balance and will require good weather all through this month to mature and save them. In the first place, beans were late in being planted this year. The wet, cold weather not only made it impossible to plant at the regular time, but delayed their growth throughout the season. Many fields it was impossible to cultivate owing to the continued rains and these conditions finally brought about a condition of blight, of rot and of rust and finally many fields were caught by frost, so that it seems as though about everything has happened that could happen. Taking it altogether on dwarf wax and dwarf green pod beans we do not remember more than two or three years when the outlook at this season of the year has been so bad as it is now in all the history of our business."

Imports.

During the week ending September 4 imports were received at New York as follows:

John Wilk, 36 bags vegetable manure (Hull, Eng.); 2 cases bulbs (Marseilles, France).

Vandegrift & Co., 16 cases peat moss, 129 cases bulbs (Rotterdam, Holland).

Stumpp & Walter Co., 60 cases bulbs (Marseilles, France).

W. E. Marshall & Co., 94 cases bulbs (Marseilles, France).

C. W. Wood, 42 cases bulbs (Marseilles, France).

To order, 7,416 cases bulbs, 1,158 barrels seeds, 641 barrels peat moss.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.
Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

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GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

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Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

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S. M. Isbell & Co.,

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CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Galvanized Wire Stakes

3 ft. No. 9 wire, per 1000...\$6.40 | 5 ft. No. 8 wire, per 1000...\$12.85
3 1/2 ft. " 9 " " " " ... 7.50 | 6 ft. " 8 " " " " ... 15.50
4 ft. " 9 " " " " " ... 8.50

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.00; bag of 200 lbs., \$3.75; 500 lbs., \$8.50; 1000 lbs., \$16.50; ton, \$32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., \$1.50. 500 lbs., \$6.00; 1000 lbs., \$10.00; ton, \$19 00.

Florists' Fall Bulb Catalogue mailed for the asking.

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231-235 W. Madison Street.

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Holland Grown Seeds

We are growers of Garden Beets, Mangels, Sugar Beets, Cabbage, Cauliflower, Celeriac, Chicory, Cornsalad, Cress, Endive, Kale, Kohlrabi, Leek, Mustard, Parsley, Parsnip, Radish, Spinach, Turnip, Rutabaga, and a general line of Flower Seeds, and solicit inquiries from the trade for both this fall's delivery and for next year's growing.

Regular sailings from our country to the United States and Canada.

SLUIS BROTHERS, Wholesale Seed Growers

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Bruyeres=le=Chatel, Seine et Oise, France

We are sellers for immediate delivery of Asparagus, Broad Beans, Beets, Broccolis, Brussels Sprouts, Cabbage, Carrots, Cauliflowers, Celery, Chicory, Dandelion, Leeks, Lettuce, Mangel, Onion, Parsley, Parsnip, Radish, Vegetable Marrow, Swiss, Turnip, Swedes, Grass Seeds, Clover Seed.

We are buyers of Poa-pratensis, Timothy, Meadow Fescue, Herd Grass.

Mention the American Florist when writing

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Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

Loechner & Co., Inc., 11 Warren St., New York

THE G. HERBERT GOY SEED CO.

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CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

Lilium Formosum

(Black Stem)

7 to 9. 250 to case.....\$15.50 per case

COLD STORAGE VALLEY

The very highest quality obtainable.

Packed in cases of 1000, at.....\$17.00 per case

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Write for our Fall Trade Catalogue.

Plant After Your 'Mums the Best Paying Crop

Winter Flowering Orchid Sweet Peas

and get continuous picking from February until summer.

I have 30 varieties listed, but the few here have proved to be the best money makers for commercial use: **Pink and White Orchid**, celebrated commercial sort; Mrs. A. A. Skach, finest light pink; **White Orchid**, best white; **Orchid Beauty**, dark rose; **Red Orchid**, best red. Price: $\frac{1}{4}$ oz., 75c; 1 oz., \$1.75; 4 ozs., \$6.00. Special prices on larger lots.

Winter Grandiflora: Zvolanek's Pink, light pink; Watchung, white; Mrs. W. Sim, salmon; Improved Meteor, the best rose pink and many others. Price: 1 oz., 25c; 1 lb., \$1.50; 5 lbs., \$5.

Late Summer Spencer Sweet Peas: Pink Spencer, White Spencer, Blanche Ferry Spencer, Ress, Helen Lewis, salmon orange; Ress, King Edward Spencer, red; Lilac and Lavender Spencer. Price: 1 oz., 30c; 1 lb., \$3.00; 5 lbs., \$12.00.

Summer Grandiflora and Unwin: White Nora, Gladys Unwin, Frank Dolby, Lady G. Hamilton, King Edward, 7th; special price so long as they last, 1 lb., \$1.00; 5 lbs., \$4.00; 25 lbs., \$15.00.

Order now before we have to report to be sold out again. Ask for List.

ANTON C. ZVOLANEK,

Sweet Pea
Ranch,

LOMPOC, CALIF.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

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TOMATO SEED

Grown For The Wholesale Seed Trade.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence
Solicited. **SWEDSBORO, N. J.**

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Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale
rates by sending their orders direct to

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Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

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Seeds for Florists

Complete New Stock.

Send for List.

Aabling-Ebright Seed Co.
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OUR wholesale price list, for the
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High Class Bulbs

for forcing and for outdoor planting
is now ready for distribution.

Drop us a postal for your
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53 Barclay St., through to 54 Park Place
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Leading Suppliers of

EUCALYPTUS

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The Early Advertisement Gets There



LILIUM FORMOSUM.

Fall Bulbs

LILIUM FORMOSUM

	Per 1000
7-9 inch (250 bulbs to case).....	\$60.00
8-9 inch (225 bulbs to case).....	70.00
9-10 inch (180 bulbs to case).....	80.00

Narcissus P. W. Grandiflora

	Per 1000
Vaughan's Star Brand (1000 bulbs to case).....	\$11.00
Fancy (1250 bulbs to case).....	9.00
Precocious, Vaughan's Ex. Early Grandiflora	
Mammoth Bulbs, 14 ctms. and up.....	12.00

White Roman Hyacinths

	Per 1000
11-12 ctms. (2500 to case).....	\$21.00
12-15 ctms. "whole crop," about 1800 to case.....	27.00

Callas

	Per 1000
1¼-1½ inch.....	\$ 50.00
1½-2 inch.....	80.00
2-2½ inch.....	100.00

"BOOK FOR FLORISTS" NOW READY.

Storage Specials

	Per case
Giganteum, 7-9 inch (300 bulbs to case)	\$15.00
" 9-10 inch (200 bulbs to case)	16.50
Formosum, 8-9 inch (225 bulbs to case)	14.00

VAUGHAN'S SEED STORE, Chicago and New York

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho
MILFORD, CONN.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm, **Bristol, Pa.**

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MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

PRIMROSES

	Per 100
Chinese and Malacoides, 2¼ in. pot.	\$2.00
Forbesii, Obs. Alba, Rosea and Ruby, 2¼ in. pot.....	1.50
Obs. Gigantea, 2¼ in. pot.....	2.00
Cincrarla Hyb. Grandiflora.....	2.00
Asp. Plumosus, 2¼ in. pot, \$18.00 per 1000.....	2.00
Asp. Sprengeri, seedling, \$7.00 per 1000.....	1.00
Pansy Seed, giant fl..... oz., \$4.00	
Vinca Var., field plants.....	5.00

—CASH—

**Jos. H. Cunningham, DELAWARE,
OHIO.**

Mention the American Florist when writing

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Maogoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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Natural—Four standard grades.
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We are headquarters—always carry
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any grade in any quantity at a moment's
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Bale (225 lbs.) lots or less.

Write for prices and terms.

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The Import House

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ROBERT PYLE, of the Conard & Jones Co., West Grove, Pa., passed through Chicago September 3, returning from the west.

BOSKOOP, HOLLAND.—W. B. Van Eyk, for the past nine years United States and Canadian representative of G. W. Van Gelderen, has entered the reorganizing concern as a partner, the firm to be known as Van Gelderen & Co.

Stand Under Thirty Thousand Dollar Tree.

Thirty members of the American Pomological Society, touring the orange groves of southern California while enroute to Berkeley for their annual vacation, made Whittier their mecca, with the famous \$30,000 avocado tree on the H. J. Woodvard ranch as their principal objective.

Re-establishing Ruined Vineyards.

Two hundred thousand acres of vineyards planted with European vines, it is estimated, have been destroyed in California by phylloxera since its introduction into this country. Except in the case of vineyards which can be flooded cheaply and the insect killed in this way, the only means of re-establishing these vineyards is to grow the European varieties on native stocks that are resistant to phylloxera.

To assist grape growers to do this, the United States department of agriculture has just published Bulletin No. 209, "Testing Grape Varieties in the Vinifera Regions of the United States," which records the results of investigations carried on at a number of experiment vineyards in the years between 1909 and 1913. The chief feature of this bulletin is a series of extensive tables showing the behavior of the important European varieties of grapes when grown on their own roots and also when grafted on the various stock varieties whose roots are resistant to phylloxera.

New French Roses.

Mme. Raymond Poincare, hybrid tea (Prince de Bulgarie x Mme. Melanie Soupert).—This rose received the gold medal at LaBagatelle for the best new rose of French origin. It is a strong grower, free blooming and has good strong stems. The bud is well shaped and opens well. The flower is well-shaped, double, of pinkish yellow color tinted with salmon.

Mme. Marcel Delanney, hybrid tea.—The flower is very double with large broad petals; color that of LaFrance, with a fine edge of bright pink. The flower is carried on a stiff stem with few thorns; foliage a fine green. Free blooming. Received the gold medal at LaBagatelle for the best new foreign rose.

Enticelante, hybrid tea (Gruss an Teplitz).—A fine bedding rose; large, free blooming; robust bush of great vigor. The flower is elongated and double, of a velvety crimson red color.

Candeur Lyonnaise, hybrid remontant (issue of Frau Karl Druschki).—Hardy, vigorous, branching; foliage

dark green; thorns few; fine oval bud on stiff stem. The flower is very large, of a fine pure white, sometimes lightly tinted with pale sulphur yellow. It retains the best qualities of Frau Karl Druschki, but is more double and much larger, and opens fully without showing stamens and pistils.

Mme. Bardou Job, remontant (issue of Prince de Bulgarie).—Strong plant, with bright green foliage; buds borne on strong stems, mostly solitary. The color is chrome, canary or lemon yellow and flowers large, satiny and double.

Gustave Bienvetu, Wichuriana.—Resembles Hiawatha, semi-double; color intense crimson red; flowers numerous, in clusters.

Mlle. Louise Crette.—Very similar to Candeur Lyonnaise.

Mme. Royet, multiflora (issue of Climbing Rambler and an unnamed sort).—Retains of the latter great freedom of bloom, but much larger and deeper colored flowers. Plant vigorous and branching, and should stand in the front rank of climbing roses.

Ranuncule, polyantha of M. Barbier.—Foliage shining green, continuous and free flowering in clusters of 15 to 50 blooms; flowers of medium size, double in form of a ranunculus; color a very pretty brilliant salmon rose, very different from other sorts; good plant for beds, groups or borders.

Paul Noel (Wuchuriana x M. Tiller).—Broad shining foliage; flowers in clusters of two to five, double, shrimp pink, shaded sulphur yellow; pretty, upright bud; early and long flowering.

Mme. Pierre de Bouchaud, hybrid tea (Marquise de Ganay x Liberty).—

Vigorous shrub with erect branches and fine foliage; flowers cup-shaped, double, medium in size. Color varies from coppery carmine to brick rose, resembling the bignonia; reverse, deep bluish carmine.

Lucien Chauve, hybrid tea (Mme. Abel Chatenay x Pie X).—Flesh pink, shaded to light creamy pink, shining center. The flowers are very large and regular, produced in profusion till November. Excellent for forcing or bedding. Has retained all the good qualities of Mme. Chatenay.

Lady Dunleath, hybrid tea.—Flower ivory white, shaded with yolk of egg yellow; fine form, very fragrant; bud long and pointed; stem long and stiff; vigorous, always in bloom, superb.

Mme. Colette Martinet, hybrid tea.—Continues to prove itself a superb variety; most vigorous and free blooming, and reminding one of the William Allen Richardson by the brilliant coloring of its flowers.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO.

PEONIES

25 Acres—Best Varieties.

Write for Prices.

Gilbert H. Wild, Sarcoxie, Mo.

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Exports exceed 25,000,000 stocks annually.

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For Wholesale Catalogues (N. N. Edition) giving prices of above items, address us or our American Agent, MR. H. FRANK DARROW, NEW YORK, 26 Barclay Street, or P. O. Box 1250.

Our Present Facilities: On account of the geographical situation of our Cultures, and having besides this more than the required number of unmobilized clerks and workmen to do the digging, packing, shipping, etc., of our stocks, we will therefore be quite able to send them over, as usual, in spite of the War.

Extract from General Catalogue (Edition A. F.) gratis and free on demand:

Against 12 cents (cost of postage), and 25 cents (cost of volume)—(which sum of 25 cent will be refunded at the first order of the value of at least \$10.00), our general illustrated descriptive and analytical Catalogue (Edition A. F.), 385 pages and 135 explanatory vignettes giving the full descriptive Nomenclature with prices of all the plants which we cultivate, will be sent free to any person applying for same.

—always read Wittbold advertisements!



HYDRANGEA

Otaksa—in field, ready for 5-in. pots.....15c each
 French varieties—in field, pink and white,
 ready for 5-in. pots.....20c each
 Otaksa—in field, large plants, ready for
 9-in. pots.....75c each
 Otaksa, pot-grown, 5-in.....\$3.60 per doz.
 French varieties, strong, pot-grown, 5-in..... 4.20 per doz.

They invariably contain news of timely and interesting merchandise on which YOU can make LARGE PROFITS.

Owing to the war, Azaleas will be very scarce, and to help you meet the Christmas demand for blooming plants, why not be prepared with a fine stock of Cyclamen? Now is the opportune time to buy them.

And for your Hydrangeas at Easter time it will certainly be wise to make preparations at once.

It will pay you to order at the low prices quoted now



CYCLAMEN

Exceptionally fine stock in Red, Pink, White, Salmon and White with Red Eyes, in best strains such as Wandsbek.
 3-inch..... 8c each
 4-inch.....15c each
 5-inch.....40c each

If you would like to receive all our more special and exclusive offers regularly, ask to have your name on our selected mailing list,

The Geo. Wittbold Co.,

Long Distance Telephone, Graceland 1112.

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HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and 1 grade better. Carloads a Specialty.

—ALSO—

**Amoor River Privet,
 Berberis Thunbergii,**
 Well grown and in large supply.

**J. T. LOVETT, LITTLE SILVER,
 N. J.**

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**Baltimore Nurseries
 California Privet**

Any quantity, size and age. No better grown Shade and Ornamental Trees, Shrubs and Vines. Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

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 BALTIMORE, MD.**

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For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

ROSES-ROSES-ROSES

Best Sorts of Best Quality Only.

We are now booking orders for Fall delivery. Stock large of all leading old and newer varieties, at lowest possible prices consistent with grading of stock, to meet these difficult times.

—ALSO—

FRUIT TREES, GRAPE VINES, POT ROSES, ETC.

Send your orders early, or for quotations on your requirements.

STUART LOW CO., Royal Nurseries

BUSH HILL PARK, MDDX., ENGLAND

Mention the American Florist when writing

**ROSES, CANNAS
 Shrubbery**

**THE GONARD & JONES CO.,
 West Grove, Penna.**

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
 Small, medium and large sizes supplied.
 Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
 Box 404, DUNDEE, ILL.

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THE

Storrs & Harrison Co.

PAINESVILLE NURSERIES
 CATALOGUES AND PRICE LISTS
 FREE ON APPLICATION

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FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
 Prices quoted upon application.

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Market Gardeners

Vegetable Growers' Association
of America.

M. L. Ruetnik, Cleveland, O., President
Daniel R. Comly, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

BENTON HARBOR, MICH.—This year has been the "worst ever" here for fancy Osage melons. Low temperature and excess moisture have prevented development.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½ inch staves and 17¼-inch heads, head material not thicker than 2-5 of an inch.

MISSION BELL is a California brand of cantaloupe now being marketed in the central west, each fruit bearing a blue and red bell-shaped paper sticker, about one inch across.

Prices of Indoor Fruits and Vegetables.

Chicago, September 7.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 15 to 25 cents; radishes, \$1.00 to \$1.50 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 35 to 50 cents; tomatoes, 4 baskets, 25 to 50 cents.

New York, September 7.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, \$1.50 to \$2.00 per basket; mushrooms, \$1.00 to \$3.00 per 4-pound basket; tomatoes, 20 cents to 90 cents per package; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 50 cents to \$1.00; rhubarb, per 100 bunches, 75 cents to \$1.25.

Asters Under Glass.

As before reported in these columns, we have made quite an effort for several years to produce high grade asters under glass in the summer months. For this purpose we use several plant houses that lack head-room for cucumbers or tomatoes, houses that would otherwise stand idle. Asters have so many enemies here out-doors that it is almost useless to try to grow them for cut flower purposes outside. The modern demand is for a perfect, clean, clear colored flower on a long stem, such as it is hard to produce exposed to every wind and weather and bug that comes along. Recently we have noticed that the striped melon bugs have taken a liking to the expanding blossoms and they attack them by the thousands, making sorry looking rags out of the finest blossoms. Inside we have had little trouble. Red spider is controlled by syringing with the hose; we aim to give the plants a good undercut once a week; thrips are checked by spraying with "Black Leaf 40", while occasional cutworms, caterpillars and bugs are hand-picked. We have grown a glorious crop of flowers this season, the best we ever raised—in fact the crop is a revelation to ourselves, proving that there are possibilities in asters yet unexploited. Our asters are so fine that many believe they are chrysanthemums. As regards varieties, we never used the Queen of Market strain; we cannot get the houses in time for them. For the early crop, from August 15 on, we use Early Non-Lateral Branching White and

Shell Pink; to follow these, Imperial White and Shell Pink; next, Giant Purity and Giant Daybreak. For late, Simplex Late-branching in white and shell pink. We have lost money in purple and lavender asters and have quit them entirely. Violet King is a grand aster under glass, but the color is not popular. We do not like the Victoria class; they are too formal, while the Comets or ostrich plumes are too hard to handle. Our seeds are American-grown and it is a great pleasure to find such a superior article, American-made. In fact, the above strains leave nothing to be desired. These flowers are so beautiful they sell themselves—each shipment means a call for more. Our success with asters is not a mushroom-growth; no overnight lucky stumble, but the result of years of patient work.

This region is a limestone country; the type of soil is rather heavy and bakes hard after being moistened; these conditions are unfavorable to asters. What they need is a loose soil full of humus. We have had our best results by using spent hotbeds, throwing out ground, manure and all in the fall and using this for the aster beds next summer. Thus this soil is about one half well decayed horse manure and one-half garden loam. Again the plants have done better on benches with four inches of soil than in deep solid beds. Spaced 9x9 inches we have, by pinching the crown buds, from 6 to 10 fine blossoms and often a lot of short ones later on. After the plants are well started on the benches, we dust them freely with hydrated lime, which is then washed into the soil by a copious watering. This is repeated several times and induces a strong, healthy growth. When the buds appear we top-dress lightly with a mixture of equal parts pulverized chicken manure and acid phosphate, which is all the extra feeding they get. We generally manage to care for the asters during rainy spells, thus giving all garden hands a chance to put in full time. This season, owing to the endless showers, we were able to disbud all our asters, same as is practiced by carnation men, which no doubt accounts for the magnificent flowers grown. Finally, as regards returns, we find the receipts about the same as for any good greenhouse crop in the winter months, with no charge for heat. Asters flourish under frequent syringing and showering in hot weather, and this detail of culture under glass needs close attention. On the other hand, rust is easily induced by wet foliage over night or during rainy weather. In general, the old established greenhouse rules apply.

MARKETMAN.

"Market Gardening."

A new book on "Market Gardening," by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M. and formerly professor of market gardening at the Massachusetts Agricultural College, Amherst, has just been issued, containing 102 pages, 5x7, with 36 illustrations. It is an elementary text book and a practical, reliable and handy guide for all growers of vegetables, its purpose being to furnish in condensed form, information as to the methods and best practices of growing the commoner varieties of vegetables, 23 in number. The contents include: "Location for the Market Garden," "Cultivation," "Fertilizers," "Hot Beds," "Seeds and Seed Sowing," "Transplanting," "Irrigation," "Vegetable Gardens," "Storing and Packing," "Crops." The book is now ready bound in cloth, and can be obtained at THE AMERICAN FLORIST office, price 75 cents.

Mushrooms

HOW TO GROW THEM

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HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world. \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality
ALSO GROW LARGELY ON CONTRACT.

"A BIRD IN THE HAND"



You know the adage. Well, a **Hydrangea** in America is worth several **Azaleas** in Belgium right now. Of course, the **Azaleas** may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock when there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

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For example. We offer:

- Otaksa, with 7 to 10 branches.....at \$25.00 the 100
 - Otaksa, with 5 and 6 branches..... at 20.00 the 100
 - Otaksa, with 4 branches.....at 15.00 the 100
 - French Novelties, all the best ones, at 5.00 the 100
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They are all in six inch pots now, plunged outside, and growing like weeds, rich deep-green healthy foliage, and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next Spring. Stick a pin in that. We want every progressive florist to get in touch with us.

Wholesale Only—

Ours Are "Made in America."

JACKSON & PERKINS COMPANY, Newark, New York

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High Class **PALMS**

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BOX WOODS—Most Beautiful Stock

- Pyramids, 2 ft.....\$1.00 each
- Pyramids, 2½ ft..... 1.50 each
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- Standard Shape, 14x14 in..... 2.50 each
- Globes, 14x14 in..... 3.00 each
- Heavy Bushes, 2-ft..... 1.50 each
- Nice Bushes, 15-in..... .35c each

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MADISON, NEW JERSEY.

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Chrysanthemum Novelties My Specialty

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F. DORNER & SONS CO.,

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SPECIAL SALE OF
Asplenium Nidus Avis
(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4-in. pans.....\$ 4.00 per doz.
- 5-in. pans..... 6.00 per doz.
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Write for Wholesale List of Ferns, Palms, Etc.
Fernish Ferns in flats and 2¼-inch pots a Specialty.

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POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

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FALL PRICE LIST

ROSES

"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

A Few Good Things You Want.

- Asparagus Plumosus, 2-in., \$2.50 per 100.
 - Geraniums, Nutt, Buchner, Ricard, Perkins. Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
 - Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
 - Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
 - Rex Begonia, 2¼-in., \$5.00 per 100.
 - Vinca Var., 2 in., \$2.00 per 100.
- Cash with order.

GEO. M. EMMANS, Newton, N. J.

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CROMWELL, - CONN.

FINEST Pansy Seed QUALITY

My Giant Pansy Seed is grown from very finest selected stock. I guarantee this seed to prove satisfactory in every respect. I am growing only the best and sell at a reasonable price. Finest mixture. 1 pkt. 5000 seed, \$1.00; ½ oz., \$2.00; 1 oz., \$4.00. Cash with order. E. B. JENNINGS, Lock Box 254, Southport, Conn.

Grower only of Fine Pansies.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. \$2.50 per 1000. 5000 for \$10.00.

Elmer Rawlings, Home of Pansies, ALLEGANY, N. Y.

Washington.

TRADE SHOWS SOME IMPROVEMENT.

Trade during the past week has shown some improvement with the retail shops, there being plenty of funeral work and the orders quite evenly divided. There was plenty of stock, such as it was, and the retailers had a chance to make a little profit. Roses are still poor in quality, and while a few chrysanthemums are arriving, there is little demand for them as some of the local asters are superior to them in quality and can be had at half the price. Some extra fine Easter lilies are arriving and there is a good demand for them. Cosmos is seen on the market but is not plentiful enough to be considered a factor.

NOTES.

Everybody that attended had a splendid time at the annual crab feast given by Ed. Schmidt at Fred H. Kramer's conservatory. As is always the case, there were plenty of good eats, good music and local talent assisted by performers from the theaters.

G. Supper, salesman for George C. Shaffer, is enjoying his vacation, and is in training trying to reduce his weight. G. C. D.

Providence, R. I.

BUSINESS CONTINUES QUIET.

Asters are now coming in in large quantities and are extra good, while business is very quiet with only an occasional busy day of funeral work. Gladioli are fine and are selling very low on the market. It seems as if every one of the growers stocked up heavily on this bulb this year and on account of the rainy weather we have had, they have been wonderful in every way, both for size and quality. Roses are shortening up now and whites are very scarce, just when the florist needs them, as this month has had many calls for them.

NOTES.

The Carmicheal Nurseries are flooding the local market with gladioli, a surplus of fine varieties. They also ran a large sale in one of the local department stores September 4, and disposed of a large quantity in this way.

Henry A. Taylor, of Macnair's force, is on his vacation, spending the time at Oak Bluff, Mass., and different parts of the state.

S. H. Moore, New Haven, Conn., was a visitor to Providence over Saturday, taking in all the points of interest.

Henry A. Dreer, Inc., Philadelphia, Pa., is shipping some extra fine ivy plants to some of the local florists.

It is reported that Hoffman Bros., of this city and Atlantic City, will open a new store some time soon.

Macnair received a large shipment of tropical plants from A. N. Pierson, Cromwell, Conn., this week.

J. F. Wood reports business good, with several large funeral orders for this week. H. A. T.

Ft. Wayne, Ind.

DEMAND IN GENERAL IS SATISFACTORY.

Business has been good. Funeral work has been most plentiful, and a few fall weddings have moved a quantity of stock. Roses have increased considerably in supply, and are improving in quality. American Beauties are showing a decided improvement. Asters are in the prime of condition, and are almost rivaling the chrysanthemums in size and popularity. They bring \$2 to \$3 per hundred. Roses bring from \$3 to \$8 per hundred. Gladioli, especially America, are still holding their own.

NOTES.

Some extra fine October Frost chrysanthemums are on display in the show

200,000 Field-Grown Carnation Plants

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
White Perfection	\$4.00	\$35.00	Philadelphia.....	\$5.00	\$40.00
Rose Pink Enchantress,			Zoe Symonds.....	3.50	30.00
	4.50	40.00	Washington.....	6.00	50.00
Mrs. C. W. Ward.	3.50	30.00			

Order Today

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

L. D. Phone Central 2846

rooms of the Flick Floral Company on Berry street, west. They are also showing some splendid greenhouse-grown asters, and Golden Glow chrysanthemums.

Will J. Vesey, Jr., of W. J. and M. S. Vesey, is offering his attractive modern home on Thompson avenue for sale. It is not known as yet where Mr. Vesey will locate.

Miss Marjory Bradley is spending the week in Mount Vernon, O., with friends. The Bradley Flower Shop is showing some good double asters in delicate shades.

Thos. Covington is bringing some exceptionally fine asters to the local market from his range north of the city. They are finding a ready sale.

H. K.


Newport, R. I.

A visit to the establishment of Carl H. Jurgens shows everything to be in a flourishing condition. Plans are being made to add more glass to this already extensive range next spring. At present large shipments of fine quality roses, lily of the valley, Liliun giganteum and gladioli are being made. The principal varieties of roses grown at this place are American Beauties, Sunburst, Killarney, pink and white, Ward, Taft and Francis Scott Key.

J. J. B.

WATERTOWN, WIS.—This point is becoming noted for its production of sweet peas and violets. Growers are getting their places well in hand for winter production.

RICHMOND, IND.—E. G. Hill, who is making an extended tour of the Pacific coast, will celebrate his sixty-eighth birthday anniversary September 11.



THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, \$1.25

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BUFFALO, N. Y. — The Kenmore Floral Co., 243 Walden avenue, has been incorporated by H. W. Smith, C. W. Donaghue and W. G. Tyler; capital, \$10,000.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

ALYSSUM, double giant, very strong, 2-inch, \$2 per 100; \$18 per 1000. C. HUMFELD, Clay Center, Kans.

ARAUCARIAS.

Araucarias, Excelsa, 5-inch, 2 to 3 tiers, 50c each; 5-inch, 3 to 4 tiers, 60c; 6-inch, 4 tiers, 75c; 7-inch, 4 to 5 tiers, \$1; 7-inch, 5 tiers, \$1.50. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 6-inch, 3 tiers, \$1.50; 6-inch, 3 to 4 tiers, \$2; 9-inch, 5 to 6 tiers, \$4 to \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/4-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/4-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; \$45 per 1,000; 4-inch, \$6 and 10c. C. HUMFELD, Clay Center, Kans.

Asparagus plumosus, 2 1/4-inch, \$2 per 100; \$18 per 1,000. Sprengeri, seedlings, \$1 per 100; \$7 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch pots, \$5 per 100; 4-inch, \$12.50. HENRY SMITH, Grand Rapids, Mich.

BEGONIAS.

BEGONIA LORRAINE.

Per 100 Per 1000
2 1/2-inch.....\$12.00 4-inch.....\$35.00
3 -inch..... 20.00 5-inch..... 50.00

BEGONIA GLORY OF CINCINNATI.

Per 100 Per 1000
2 1/2-inch.....\$15.00 3 1/2-inch.....\$30.00
3 -inch..... 25.00 4 1/2-inch..... 40.00

JULIUS ROEHRS CO., Rutherford, N. J.

BEGONIA CINCINNATI, 2 1/2-inch, \$15 per 100; 3-inch, \$25 per 100. Florence Davenport, 2 1/4-inch, \$15 per 100. BEGONIA MELIOR, 2 1/2-inch, \$25 per 100. CHATELAIN, 2 1/4-inch, \$4 per 100; 4-inch, \$15 per 100. ER-FORDII, PRIMA DONNA, TRIUMPH, 2 1/4-inch, \$5 per 100. BRNEST ROBER, Wilmette, Ill.

BEGONIAS.

Begonia De Chatelaine, Pitzer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and pink, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Vernon, in bloom, 4-inch, 10c each; \$10 per 100. Poehlmann Eros. Co., Morton Grove, Ill.

BEGONIAS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BERBERIS.

BERBERIS THUNBERGII. Very bushy, strong plants, 12-18-inch, \$55 per 1,000; \$6 per 100; 18-24-inch, \$70 per 1,000; \$7.50 per 100; 2-2 1/2 ft., \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includea tubs, f. o. b. Dundee.

BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.

THE D. HILL NURSERY CO., Inc. BOX 404. DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Lillium Formosum, 7-9-inch, 250 to case, \$60 per 1,000; 8-9-inch, 225 to case, \$70 per 1,000; 9-10-inch, 180 to case, \$80 per 1,000. Narcissus Paper White Grandiflora; Vaughan's Star Brand, 1,000 to case, \$11 per 1,000; fancy, 1,250 to case, \$9 per 1,000; Precocious, Vaughan's Extra Early Grandiflora, mammoth bulbs, 14 ctms. and up, \$12 per 1,000. White Roman Hyacinths, 11-12 ctms., 2,500 to case, \$21 per 1,000; 12-15 ctms., whole crop, about 1,800 to case, \$27 per 1,000. Callias, 1 1/4-1 1/2-inch, \$50 per 1,000; 1 1/2-2-inch, \$80 per 1,000; 2-2 1/2-inch, \$100 per 1,000. Cold Storage Lilies: Gigantum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Paper White Grandiflora, 13 up, 1,250 to case, \$8 per 1,000; 14 up, \$10 per 1,000. French Roman hyacinths, 12-15, \$28 per 1,000. Lillium Formosum, 7-9, 250 per case, \$60 per 1,000; 9-10, 180 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Lillium Formosum, 7-9-inch, 250 to case, \$6.50 per 100; \$65 per 1,000. Lillium Candidum, mammoth bulbs, \$8 per 100; select, \$6, first size, \$5. Freesia Refracta alba, Jumbo bulbs, \$1.50 per 100; \$12 per 1,000; Mammoth, \$1.25 per 100; \$9 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, cold storage, gigantemum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Lillium Formosum, 7-9, 250 to case, \$15.50 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

BULBS.

BIG DROP IN BULBS. Send for special prices. Darwin tulips, single and double tulips, hyacinths, narcissus. Plant Darwin tulips this year outdoor for Memorial. Melrose Bulb Importing Co., Melrose, Mass.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CARNATIONS.

400,000 FIELD-GROWN CARNATION PLANTS, LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT. GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

WHITE WONDER	Per 1,000
WHITE PERFECTION	\$60.00
WHITE ENCHANTRESS	50.00
PINK ENCHANTRESS	50.00
BEACON	50.00
COMFORT	55.00
PHILADELPHIA	70.00

500 AT 1,000 RATE.

PITTSBURGH CUT FLOWER COMPANY. FRED BURKI, Pres. T. P. LANGHANS, Sec. W. A. CLARKE, Treasurer. THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES. CARNATION SPECIALISTS.

WHOLESALE GROWERS.

116-118 SEVENTH ST., PITTSBURGH, PA. YOURS FOR THE ASKING—A BEAUTIFUL PICTURE—"ACRES OF GLASS."

FIELD-GROWN CARNATION PLANTS.

Enchantress Supreme	100.	1,000.
Champion	\$6.00	\$50.00
Philadelphia	6.00	50.00
Beacon	6.00	50.00
White Perfection	6.00	50.00
White Wonder	6.00	50.00
Enchantress	6.00	50.00
Mrs. C. W. Ward	6.00	50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

George Peters & Sons, Hempstead, New York

25,000 FINE FIELD-GROWN CARNATION PLANTS.

White Wonder	100.	1,000.
Enchantress	\$6.00	\$50.00
	6.00	50.00

SINNER BROS.,

158 North Wabash Ave., Chicago.

CARNATIONS.

Pink Enchantress	Per 100
Beacon	\$6.00
Herald	7.00
	8.00

R. O. LOMMATZSCH,

R. No. 1. La Grange, Ill.

7,000 fine Carnation Plants, plants that will please you; grown for the trade. Last call, \$40 per 1,000; 250 at 1,000 rates in the following varieties: Beacon 1,200; Perfection 1,300; Ward, 1,700; Light Enchantress 2,000; Rose Pink Enchantress 1,100; Rosette 400. McINTYRE FLORAL CO., Nashville, Tenn.

Field-grown carnations, White Perfection, \$4 per 100; \$35 per 1,000; Victory, \$4 per 100; \$35 per 1,000. J. A. Budlong, 82-86 E. Randolph St., Chicago.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

5,000 Pink Enchantress, long bushy plants at \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD GROWN CARNATION PLANTS "SELECT QUALITY"		
	Per 100	Per 1,000
White Enchantress	\$6.00	\$55.00
White Perfection	4.50	40.00
White Wonder	5.50	50.00
Enchantress	5.00	45.00
Ward	4.50	40.00
Princess Charming	4.50	40.00
Sangamo	4.50	40.00
Herald	5.50	50.00
Harlowarden	4.50	40.00
Victory	4.50	40.00
Yellow Lawson	4.50	40.00
Rosette	4.50	40.00
Winsor	5.50	50.00

JOHN KRUCHTEN COMPANY,
162 N. Wabash Ave.,
Chicago.

CARNATIONS FOR SALE.

	Per 100	Per 1,000
Philadelphia	\$5.50	\$50.00
Rose Pink	5.50	50.00
Dorothy Gordon	5.50	50.00
Beacon	5.50	50.00
Enchantress	5.50	50.00

JOHN BLECHSCHMID, 4300 East 122d St.,
CLEVELAND, OHIO.

CARNATIONS.

	Per 100	Per 1,000
White Enchantress	\$6.00	\$50.00
White Perfection	6.00	50.00
Enchantress	6.00	50.00
Rose P. Enchantress	6.00	50.00
Philadelphia	6.00	50.00
Beacon	6.00	50.00

250 at 1,000 rate.

WM. MURPHY.

Wholesale Commission Florist,
329 Main St., CINCINNATI, O.

200,000 field-grown Carnation plants. Pink Enchantress, \$4.50 per 100; \$40 per 1,000. Rose Pink Enchantress, \$4.50 per 100; \$40 per 1,000. White Perfection, \$4 per 100; \$35 per 1,000. Mrs. C. W. Ward, \$3.50 per 100; \$30 per 1,000. Philadelphia, \$5 per 100; \$40 per 1,000. Zoe Symonds, \$3.50 per 100; \$30 per 1,000. Washington, \$6 per 100; \$50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD-GROWN CARNATIONS: Enchantress, White Enchantress, Rose Pink Enchantress, Philadelphia, O. P. Bassett, Beacon, \$6 per 100; \$55 per 1,000. Cash please. HARRY HEINL, West Toledo, Ohio.

FIELD-GROWN CARNATIONS PLANTS.

Extra strong, healthy stock.
Pink Enchantress, \$4 per 100; \$35 per 1,000.
ZECH & MANN, CHICAGO, ILL.

FIELD-GROWN CARNATION PLANTS.

Matchless, Perfection, Winsor, Gordon.
Write for prices.
WILLIAM A. MURRAY, Atco, N. J.

Carnations, field-grown. For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., 1201-1205 Race St., Philadelphia, Pa.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM PLANTS, double and single in pots and pans, all varieties, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS, Brillancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 5-inch 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN—My prize strain, Wandsbek, Zehlendorf, the best Salmons, pure white, red, white with red eye, Victoria; ready for a shift. Any of the above during September from 4-inch pots, at 15c and 20c each. Cash with order please. R. J. SOUTHERTON, Marion Road, Highland Park, Ill.

Cyclamen, best German strain, 3-inch, \$8 per 100; 4-inch, \$15 per 100; 4-inch select, \$20 per 100. Seedlings from flats, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIG., Wandsbek type, finest in existence, 2½-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000; 4-inch, \$15 and \$20 per 100. CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties, equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Cyclamen, red, pink, white, salmon and white with red eye, 3-inch, 8c; 4-inch, 15c; 5-inch, 40c. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2½-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

CYCLAMEN, strong plants, best varieties, \$10 to \$35 per 100. HENRY SMITH, Grand Rapids, Mich.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, King's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

FERNS.

Ferns, Boston, Roosevelt and Whitmani, 5-inch, 25c each; \$23 per 100; 6-inch, 50c each; \$45 per 100; 7-inch, 75c each; 8-inch, \$1 each; 10-inch, \$2 to \$2.50 each; 12-inch, \$3 to \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.50 per doz.; 2½-in., \$6 per 100. Elegantissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$6 per 100. Elegantissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2½-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3½-in., \$3 per doz. Harrisii, 8-in., \$12 per doz. Superbissima, 8-in., \$12 per doz., 6-in., \$6 per doz.; 3½-in., \$3 per doz. Cibatium Schiedei, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfieldi, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfieldi, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,

Exclusive Fern Growers,

SPRINGFIELD, OHIO.

BOSTON FERNS. Extra good quality, heavy, bushy, established plants, 4-inch, \$15 per 100; 5-inch, \$22 per 100; 6-inch, \$30 per 100. ASPARAGUS PLUMOSUS, 4-inch, extra heavy, \$8 per 100. Order now. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

THESE ARE POT-GROWN STOCK.

4-inch Bostons....12c	7-inch Bostons....60c
5-inch Bostons....25c	8-inch Bostons....80c
6-inch Bostons....40c	

R. R. DAVIS COMPANY, MORRISON, ILL.

Asplenium nidus avis (Birdsnest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fern-like ferns in flats and 2½-in. a specialty. H. Plath, Lawrence and Win-dipee Aves., San Francisco, Calif.

Ferns, from bench, Boston, Scottii, Elegantissima, Piersoni, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

BOSTON FERNS ready for 5-inch pots, \$16 per 100. R. O. LOMMATSCH, R. No. 1, La Grange, Ill.

TABLE FERNS, strong 2½-inch at \$2.75 per 100. Cash. FAIRVIEW GREENHOUSES, Milton, Penna.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns, Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poltevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 3-inch plants ready for immediate shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poltevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

ROSE GERANIUMS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

"A Bird in the Hand"—You know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otaksa, with 7 to 10 branches, at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. FRENCH NOVELTIES, all the best ones, at \$5 the 100 additional for the same sizes. They are all in six-inch pots now, plugged outside, and growing like weeds, rich deep-green healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY,

NEWARK, NEW YORK.

Wholesale only. Ours are "Made in America."

Hydrangeas, Otaksa in field ready for 5-in. pots, 15c. French varieties, ready for 5-inch pots, 20c. Otaksa ready for 9-inch, 75c. Otaksa, pot-grown, 5-in., \$3.60 per doz. French vars., pot-grown, 5-inch, \$4.20 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Hydrangea P. G. bush, 2-3 ft., \$7 per 100. Tree shape, 3 ft., \$15 per 100. Extra fine, two-year plants, field grown. Write for our wholesale trade list.
W. & T. SMITH COMPANY, Geneva, N. Y.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5 and 6-inch pots, strong plants, \$20 and \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, from frames, ready for 6-inch pots, full of fruit and flowers, \$10 per 100; big value. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Lily of the Valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechaer & Co., Inc., 11 Warren St., New York.

Lily of the valley, cold storage, packed in cases of 1,000, \$17 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

MISCELLANEOUS.

Svainssoa Galegifolia alba rosea, 2-inch, 40c per doz.; \$2 per 100; 3-inch, 60c per doz.; \$3 per 100. Double alyssum, moonvines, coleus, petunias, ageratum, salvia, heliotrope, lemon verbea, lactana, parlor ivy, English ivy, pompon chrysanthemums, ivy geraniums, tradescantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cyperus Alteraifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

MUSHROOM SPAWN.

Mushroom spawo, Lambert's Pure Culture. American Spawo Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchida of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids, Francisco Delgado Q., Bogoto (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Table with columns: Single Plants, Leaves, Inches high, Each. Rows for 4-inch pots, 6-inch pots, 8-inch tubs, etc.

KENTIA BELMOREANA.

Specimens, \$15 to \$50. Made-up plants, 6-inch pots, 3 plants in a pot, 24 ins. \$1.50

KENTIA FORSTERIANA.

Specimens, very heavy \$10.00 to 12.00

Single Plants.

Table with columns: Single Plants, Leaves, Inches high, Each. Rows for 4-inch pots, 6-inch pots, 8-inch tubs, etc.

PHOENIX ROEBELENI.

Table with columns: Each, 7-inch pots, 22 ins. high, 30 to 32-in. spread, etc.

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot \$1.00; 7-inch pots, 3 plants in a pot 2.00; 8-inch tubs, 5 plants in a tub 3.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22-ins. high, \$1 each; \$12 per doz.; Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, \$3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, \$4 each. A. N. Pierson, Inc., Cromwell, Conn.

LATANIA PALMS and PANDANUS VEITCHII, in 15-inch tubs, suitable for hotel and other decorations, at bargain prices. HENRY SMITH, Grand Rapids, Mich.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS, finest mixture out; good plants, \$1 per 100; cash please. GEORGE POPP, JR., Fort Recovery, Ohio.

PANDANUS.

PANDANUS VEITCHII, 3 to 5-inch pots, 25c to 75c each. Specimen plants, 8 to 10-inch pots, \$2 to \$3 each; big value. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

PEONIES, 3 to 5 eyes, named kinds, \$15 per 100. Our selection, \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

Dreer's herbaceous peonies. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

CELESTIAL PEPPERS from 6-inch pots, field-grown, out of fruit and flowers, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PERENNIALS.

PERENNIAL PLANTS, large assortment, strong plants, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PHLOXES.

PHLOX, Choice Varieties, \$5 per 100. Strong clumps, field-grown. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

POINSETTIAS.

POINSETTIAS, 4-inch, ready for shift. Well branched, \$12 per 100. Will trade for ferns, palms or begonias (Luminosa) or Rex. NUSS-BAUMER FLORAL COMPANY, San Angelo, Texas.

POINSETTIA HEADQUARTERS. All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock, Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

POINSETTIAS, fine 2 1/2-inch, 3-inch, \$8 per 100. Cash. JOSEPH BANCROFT & SON, (Inc.) Cedar Falls, Iowa.

Poinsettias, strong plants, 2 1/2-inch, \$5.50 per 100; 250 for \$12.50. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS, 2 1/2-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA OBCONICA GRANDIFLORA and GIGANTEUM, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primroses, Chinese and Malacoides, 2 1/2-inch, \$2 per 100. Forbesii, Obconica Alba Rosa and Ruby, 2 1/2-inch, \$1.50 per 100. Ob. gigantea, 2 1/2-inch, \$2.00 per 100. Jos. H. Cunningham, Delaware, Co.

Primula obconica, mixed or separate colors, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Aloeco J. Bryan, Washington, N. J.

PRIMULA OBCONICA, Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

PRIMULA OBCONICA, splendid 3-inch stock, \$5.50 per 100. Cash. JOSEPH BANCROFT & SON, (Inc.) Cedar Falls, Iowa.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

Table with columns: Per 100, Per 1,000. Rows for Pink Killarney, White Killarney, Killarney Brilliant, etc.

VIETOR BROS.,

162 North Wabash Ave., CHICAGO. Roses. Geo. A. Kuhl, Pekin, Ill.

ROSES.

ROSES, good, strong, two-year-old, field-grown, own roots or buds, for forcing. Baby Ramblera, red, pink and white; Dorothy Perkins, White Dorothy Perkins, Hiawatha, Tausendschoon, Magna Charta, etc. Write for our full list, special prices, and wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y. Roses, Grafted 3 1/2-inch: 150 Bulgaria, \$14 per 100; 50 Cecile Brunner, \$14 per 100. 3 1/2-inch, own root: 137 Bulgaria, \$9 per 100; 65 Brunner, \$9 per 100. Grafted 2 1/2-inch; 325 Bulgaria, \$10 per 100. Bulgaria, own root, 2 1/2-inch, \$5.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Killarney, Am. Beauty, Kaiserin, Maryland, etc., 3-inch pots, \$6 per 100; 4-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

Roses, field-grown, hybrid perpetuals, creeping and climbing. Write for list and prices. Elizabeth Nursery Co., Elizabeth, N. J.

Roses, best sorts of best quality. Stuart Low Co., Royal Nurseries, Bush Hill Park, Mddx., England.

SEEDS.

PANSY SEEDS, finest GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant Mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Holland grown seeds. Beets, mangels, sugar beets, cabbage, cauliflower, celeriac, chicory, corosalad, cress, endive, kale, kohlrabi, leek, mustard, parsley, parsnip, radish, spinach, turoip, rutabaga. Sluis Brothers, Enkhuizen, Holland.

CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Seeds, growers of asparagus, broad beans, beet, broccoli, Brussels sprouts, cabbage, carrot, cauliflower, celery, chicory, dandelion, leek, lettuce, maogel, onion, parsley, parsnip, radish, Swiss chard, turnip, swedes. Dealers in grass and clover seeds. Simou Louis Freres & Co., Bruyeres-le-Chatel, France.

PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common giant mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriacs, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vice, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, cauliflower, cabbages, rutabagas, mangels, pansies, asters, cyclamed, stocks, etc. L. Daehnfeldt, Ltd., Odense, Denmark.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Beans a seeds for florists. Seed for list. Anbligh-Ebright Seed Co., 80 Pike St., Seattle, Wash.

Seeds, growers for the trade, beans, pea, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Aut. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Pansy seed, \$4 per oz. Jos. H. Cunningham, Delaware, O.

SMILAX.

Smilax, 2 1/4-inch, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Paechlmann Bros. Co., Morton Grove, Ill.

Smilax, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SMILAX, strong 2-inch, \$1.25 per 100; \$10 per 1,000. C. HUMFELD, Clay Center, Kans.

SNAPDRAGONS.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2 1/2-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA, field-grown, large and bushy, \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWAINSONA.

SWAINSONA, white, 4-inch, ready for benching, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; \$1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

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Members of the local florists' club held their September meeting at the establishment of Fred A. Danker, 744 Central avenue. Mr. Danker, as treasurer of the clambake held at Newtonville, August 21, reported receipts, \$274.75; expenditures, \$202.07; balance on hand, \$72.68. He turned the money over to the secretary to be added to the club's treasury. A prize of a \$5 gold piece, offered by Mr. Danker to the person selling the most tickets for the clambake, was given to Fred Henkes, formerly president of the club, who was responsible for the sale of 99 tickets. Oscar Middlebrook of Fourth avenue, an employe of the city park department, was elected a member of the club by acclamation.

The meeting adjourned early to enjoy refreshments provided by Host Danker and a social hour. As the members left the Danker place they stopped to admire a handsome red, white and blue flash electric sign that Mr. Danker has erected at the entrance to his place on Central avenue, which is the main highway to Schenectady and traveled by hundreds of interurban trolleys and automobiles. A row of hydrangeas, leading from the street to the greenhouses, was also in full bloom on the evening of the meeting and proved a great attraction. The shrubs were remarkable for their size and the profusion, beauty and girth of the blossoms on them. R. D.

Blue Point, N. Y.

Frank Abrams has finished planting his carnation range and his stock looks very fine. Mr. Abrams has a large range, about 125,000 square feet, entirely devoted to carnations. His stock is considered among the best that reaches the New York market.

Charles Fish, formerly in partnership with H. F. Lecluse, has gone into carnation growing on his own account, having erected a house 40 x 200 feet, which is now planted with good stock.

John K. Vanderveer, Jr., who last year erected a large carnation house, starting as a grower, has added another house.

H. L. Lecluse has also a large carnation range and his stock looks fine. A. F. F.

Bayshore, N. Y.

H. L. Patthey has a fine range of 30,000 or more square feet of glass, and grows many carnations. He also grows a variety of other stock. At the time of our visit, September 2, his cannas, of which he had a fine lot, were a very attractive feature. Of these, Wyoming, Princess Weid and others were noteworthy. He has shipped many asters and has a variety of other outdoor stock. Mr. Patthey has been in business at Bayshore for



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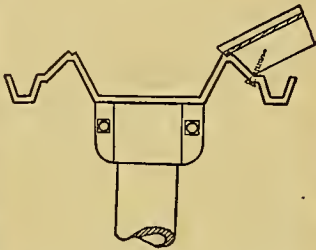
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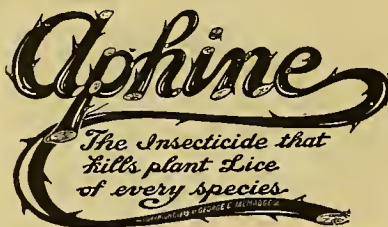
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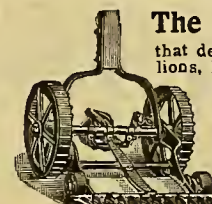
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Houston, Tex., August, 1916.

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CHRYSANTHEMUM SOCIETY OF AMERICA.

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O., November 10-14 1915. WM. KLEINHEINZ,
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N. Y., Secretary

Cemetery Greenhouse Work.

Fall Preparations.

Looking ahead before the outdoor season closes, there is a busy time in store for the gardeners connected with these establishments. Beginning with the first week of September, the propagating houses, which have been idle during the summer season, should be made ready to carry on the propagation of the many plants necessary to stock up for next season's business, and all the available cuttings should be placed in the propagating beds without any delay; a good supply of healthy young plants is far better than carrying over lifted, old stock plants.

The first work to be done is to get the propagating house in good working order, and to do this all the old material should be cleaned out, both in the benches and underneath, and do not let there be any corners of the house filled with waste material to start decay and fungus. After the benches have been cleaned out, bring a good pressure of water to bear on them, thoroughly washing out every corner and crack, after which give the insides a good coat of fresh lime wash. A clean sharp sand, and good drainage to the propagating beds, are the next important things to provide for. The matter of drainage under the sand, so that the water will pass freely through it, and later on to allow the bottom heat to penetrate up through the bed, is of the utmost importance. Any material that is liable to decay and cause fungus should not be used; neither should the cracks between the boards be stuffed with moss or anything that will make the bench water-tight. Coarse limestone is the best material that has come under our notice for using as a drainage for the propagating bed, it being perfectly clean and free from vegetable matter. Spread a layer of the limestone evenly over the bottom of the bench and then fill in with the sand, using a clean, sharp sand, as free from clay and dirt as possible. Many times the cuttings have to remain in the sand beyond the time they are ready to come out, and it is better for them when the

sand is a little coarse, than if extra fine. Fill up the benches at the start, but do not water down; then as the cuttings are made ready, prepare and water parts of the sand to receive them, allowing the rest of the bed to remain dry until such a time as it is needed for use.

When starting in to make the cuttings, it is a good plan to do a little figuring as regards the different kinds of plants needed, and commence the propagating with those that are most tender and of which large numbers are required. To get a good start on these will save a lot of scurrying around at the approach of early frosts. Alternantheras, being one of the most largely used plants for cemetery work, large numbers of them are required and it is well to give them first attention. As a rule it has been our practice to propagate these plants outside in frames during the summer, but this season, owing to so much rain and cool weather, outside propagation was a failure and the inside propagating beds will have to be used. As quickly as the alternantheras are rooted, pot them up and get them moving in the soil, so as to be well established before the dark, cold weather begins. Should the weather conditions prevent enough cuttings of these plants being rooted, some of the old plants can be taken up, sheared off a little, and potted up, but do not allow them to lay around with the roots out of soil for any length of time or they will be ruined. When allotting a place for the winter quarters of the alternanthera, remember they need a high temperature with full light and held a little to the dry side.

Geraniums, the most popular of all bedding plants, can be propagated now so as to have a good stock well in hand early enough to save carrying over large numbers of old stock plants. Growers, who have a good stock of plants in the field, are now putting in the first batch of cuttings, and when this first lot can be finished up by September 15, the field plants will produce another batch of cuttings in

time to be taken off before severe frost cuts them down. The first lot of cuttings are very succulent and have to be handled very carefully to be able to obtain a successful stand of cuttings. Plenty of light and air and water sparingly should be the rule with these early cuttings of field grown geraniums. Run the cuttings in the sand in the usual manner, pressing the sand firmly around the cutting, water them in, then allow the sand to stand until it shows signs of being very dry before giving any more water. Do not allow the cuttings to remain in the sand longer than is necessary after they become rooted; they easily become hard in the stem and the roots waxy, from which condition they take considerable time to grow out of.

Coleuses, achyranthes, heliotropes, salvias, fuchsias, pileas, ageratums, double lobelias and sweet alyssums are other plants in line for propagating; these plants root easily and need to be shifted along as quickly as they become ready.

Cuttings made from the runners of the English ivy can now be put in. The best means of propagating these is to put the cuttings in shallow flats filled half full of fine soil, then fill up the other half with clean sand. After the flats are filled with cuttings, they can be set along the walks of the greenhouse in the shade, and as they become rooted they can be potted up and moved out to the light.

Seed of cinerarias, primulas and calceolarias for spring sales can be sown now. It must be remembered these seed are very small and should be covered lightly. It is best to cover the seed flats with glass to start out with, removing it a little while each day to drain off, and as soon as the seedlings appear remove the glass entirely, and as quickly as the young seedlings can be handled safely, they should be transplanted and when well established in these second flats, they can be potted up. From the very start of their existence these plants are troubled by green fly, and the only way to keep them in check is to fumigate regularly. Attend to the lifting and potting of the field grown hydrangeas. They need a good live soil that does not contain an abundance of fresh manure. Plenty of drainage is also essential, and after potting, stand in a shady place until root action commences, after which they should be given full light and plenty of air. Ferns, palms, dracenas and other vase plants now held outside in frames, should be moved into the greenhouse within the next week or ten days. Before bringing in the plants that have been plunged, examine them to make sure the drainage is not stopped up to cause them to waterlog. Sash should be in readiness to cover frames of echeverias and other stock plants that cannot be accommodated inside before the time frosts are due.

August sown pansies are now ready for transplanting in the cold frames for their winter quarters. Make up the soil into a fine pliable condition, but firm well down before transplanting so that the frost will not crumble it up. Set the plants about four inches apart, taking extra pains to see that the roots are loosened out and not jammed down into the holes. Water as the plants need it and keep clean of weeds. Before it is too late gather the seed of Begonia luminosa or any other plant that seed is wanted from.

C. W. JOINSON.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Bible and Spray.

The spray as shown here is a trifle too large and covers the book underneath to such an extent that its shape is not readily seen, so that it can not be determined at a glance just what design it is. As can be seen from the accompanying illustration, the piece has been nicely handled and the fault in its appearance is likely due, in a great part, to the work of the camera, whose light and shade work is often very deceptive.

The Hydrangea in Florists' Work

In the late summer, just before the autumn days, that grand shrub, the hardy, white Hydrangea paniculata, blossoms out in all its glory. As an ornament for the lawn, it stands ahead of all its rivals, with its great nodding heads of snowy white flowers, which gradually take on the hues of autumn in keeping with the changing foliage of all outdoor life.

As a cut flower it has great value. We know of no other flower which gives so much for so little. At this time when the cut-flower business is at its lowest ebb, with practically only the demand for funeral flowers to keep it going, there come days of activity that keeps the force moving to get the orders out. It is then that the hydrangea is the great factor. All kinds of design work can be blocked out and completely covered with the broken heads, which when nicely stemmed, present a smooth or rounded surface that is an excellent background for almost any kind of embellishment. Take a pillow for example. Many florists stem the flowers on long sticks or wires and stand them loosely over a surface of green. This will look well for a time, but soon wilts and then looks anything but satisfactory. Rather cover the surface of pillow mossed fairly full and high with the hydrangea, leaving a crescent shaped space at each side of the center running from the top to the bottom corner; fill this rather full with white roses, letting a few fall, tassel like, from each corner, then finish down the center with a few small lavender asters

and Sweetheart roses. Some small spray flowers, such as feverfew, white sweet peas or achillea around the edge, makes a finish to a very pretty piece.

All kinds of color variations are possible with the hydrangea, which, while it is but the background or foundation, plays a most important part in the construction. For the wreath or other standing design it is just as useful. Where a number of orders are to be gotten out, this foundation work can all be done the day before, when it will keep fresh and bright, and be ready for the embellishing work with the more perishable flowers.

Every florist knows the value of the hydrangea in all kinds of decorative work—large vases with green oak foliage and long sprays of privet are handsome in themselves, or make very showy combinations with the various shades of the gladiolus. When they change into their beautiful shades of bronzy red, pink and green in the early fall, they can be made to hold for a long time if properly cured, which is done by cutting them, when the flowers have come to the full and are well colored. They are gathered, tied in bunches of about one dozen sprays, and hung up in a dry, cool shed or cellar, where there is not too much draft. They will then keep for a long time in the dwelling and make up nicely with plumes and grasses for tops of closets and wall baskets for decorating other parts of the dwelling or store.

Dahlias in the Show Windows.

For brilliancy of coloring there is no flower that exceeds the dahlia; there is also great variety of form—the single, the show type, the cactus and the pompons are as varied as if they belonged to separate species. With all they are the lowest priced flower on the market, and are obtainable in the largest quantities. Coming as they do at the beginning of the season, when it is desirable to put up a good front, so that early buying may be encouraged, their sale should be pushed with vigor, largely by means of a large stock, well displayed. No store can afford to be without them, the windows especially being kept well decorated.

If the windows are large and roomy a supply of ferns will make a good



GALAX PILLOW WITH CLUSTER.

By John C. Gracey, Philadelphia, Pa.

background. Wicker vases in various shapes with zinc linings, tastefully filled in self or harmonizing colors, will be sufficient. Handle baskets in medium sizes, filled with one variety and tied with ribbons all alike in tone, give a blaze of color. One or perhaps two large baskets with high handles, if well filled to present a striking example of the florist's art will get more than a passing glance, and in the window are often as effective as a more elaborate display. It will make a hit to fill a lot of cut-flower boxes with choice flowers in good measure, for a week-end sale. People are often induced to buy something that looks like a bargain and is ready to take right along.

When the autumn leaves begin to color up, they work in nicely with dahlias. A window of this character, before most people know they have reached the market, makes them stop and look. Small baskets, a trifle larger than the popular tumblers, filled and suspended from the top of the window in varying distances producing a sort of shower effect are effective, but there must be a number of them, so that they are about one foot to fifteen inches apart each way, and seem to completely fill the decorative space.

Slender glass vases that will hold about six choice flowers, tied with a bow of ribbon the color of the flower, make a very pretty window. If the vase and flowers are reasonably priced a number of sales will likely result. For a few days an exhibit of all the best varieties, about a dozen of a kind in vases, all named, is sure to attract attention and orders may be taken for the tubers for next season.

The large flowered white and smaller pompons make a very pretty and effective wreath, and made-up work of this character, with examples of decorated magnolia wreaths, in different colors, make an effective window. As the time comes for the debutante sprays or bunches of the choicer blooms, loosely arranged and tied with ribbons, or new style baskets filled with the single varieties or other choice sorts, and well ribbioned, gives a unique effect. Neatly printed cards, calling attention to the various displays, are well worth while. Passers by will often be attracted by the cards and stop to read them and then look at the flowers or arrangements they describe.

The windows should be in the decorator's mind all the time and the various changes arranged for ahead, there will then be some system to the work that will carry it along to success without the confusion so often seen.

K.

PLYMOUTH, PA.—A new house, 35 by 100 feet, King construction, is being erected for John Dooley.

DENVER, COLO.—Recent trade visitors included Miss Bell Miller, of Springfield, Ill., Miss Meinhart, of St. Louis, Mo., Henry C. Geiger, of the Florex Gardens, North Wales, Pa., W. J. Peake, of Buffalo, N. Y., F. Burrell, of Billings, Mont., and J. A. Peterson and wife, of Cincinnati, O.

HUNTSVILLE, ALA.—John Scott, well-known florist of this city, who disappeared from his home September 3, is being sought by his family and friends. It is thought he may have become mentally unbalanced following illness, as his business was in a flourishing condition. He is 45 years of age and speaks with a pronounced Scotch accent.



BIBLE DESIGN.

By John C. Gracey, Philadelphia, Pa.

National Association of Gardeners.

The summer meeting of the National Association of Gardeners was held in the Civic Center Auditorium, San Francisco, Calif., August 18, 1915. In the absence of President John W. Everitt, of New York, Vice-President William S. Rennie, of Ross, Calif., presided. Although the meeting was not as largely attended as some of the mid-summer meetings have been in the east, what was lacking in numbers was fully offset by the general interest and enthusiasm manifested by those present in the proceedings of the meeting.

Mr. Rennie in welcoming the visiting members to California, expressed his regrets at the inability of the president of the association to be on hand. He presented a message to the meeting from the president, however, in which the latter stated in part:

"Whether we come from the east, the west, the north or the south, as professional gardeners our aim should be to produce a broader development for ornamental horticulture which cannot fail to bring greater recognition to our profession, and which will ultimately result in increasing benefits to those in it. A strong national association of the gardeners, heartily supported by those who follow the profession, I believe, could be made most powerful and influential in its work for the good of the profession, although it may at times prove disappointing to individuals seeking direct

benefits from it. It is, as you are aware, the policy of our association to develop along lines where it will serve its members and aid those striving to advance and better themselves in their calling. We have committees at work endeavoring to thrash out the problems with which an organization like ours is confronted in its development stage, and these committees, and also your officers, at all times court and welcome suggestions from members which may be valuable in aiding the progress of the organization."

Following the reading of the president's message Vice-President Rennie called on the different members present for a few remarks and in responding, Robert Williamson of Greenwich, Conn., said:

"I am indeed glad to be here to meet the gardeners of the west. I am somewhat disappointed that there are not more of our eastern members present, as we expected to have a large body with us, but, of course, we are rather young as an organization, and on account of the distance being so great, we must make allowance for so few of us here from a distance, but personally I am glad to have taken the trip to meet with the other gardeners here."

David F. Roy, of Marion, Mass., referring to President Everitt's message, said: "I can quite understand why it is that he is not here. Men in our position, if they want to succeed, find that one of the first requisites is that they must cater to the wishes of

their employers. I have been a gardener for a number of years and have often heard it stated, 'Well, you can only get so far and no further,' but I must say that I cannot always agree with that. My experience is that a man has a great deal to do with what he makes of himself; in other words, the tide will find its level. If it is in the man, he will get there."

L. P. Jenson, of St. Louis, Mo., in urging a campaign to increase the membership, remarked: "I am one of the newer members of the organization. This is the first opportunity I have had to be with this body of gardeners. I hope in the future I will be with you often. I came in as a member early this year. Previous to that time I had heard very little about our organization, and it seems to me that the gardeners throughout the country do not know enough about it. I think we need publicity. I think we ought to make a strong effort to have our members throughout the country get in new members. That is one thing that we should make a point of, and in that way in a short time we would have a strong representative body of men throughout the United States."

W. T. Lee, of San Francisco, Calif., speaking on increased membership, remarked: "It seems to me that as we develop and get more members we should have local organizations if it can be done, to affiliate with the central body in some way, so that we could meet once in a while. I understand that there are quite a number of members on the coast, so Brother Rennie tells me. I did not know that there were so many as he says there are."

A. Bischke, of Noroton, Conn., speaking on the pleasures of the trip and the future of the association, said: "I do not know how our other gardeners will feel when they find what we have seen and heard here. I know that

they will greatly regret that they were not able to join our party and come here to the west. I must say that I am greatly surprised to see the strides that have been made by these great western cities; for instance, Minneapolis and Seattle. Then, take Tacoma, with its giant trees; we have to take our hats off to those trees, lakes and boulevards. We have nothing like them in the east. There may never again be an opportunity in our lifetime to see what we have seen who are here. Who would take the bother to show a single man the things that we have been shown on this trip? Every park superintendent has been anxious to show us around and let us see the best that they had. I think we should strive to start a propaganda in each city and in each community to develop our association right now. It should not be a local society. It should be a national organization. The more members we can get in, the better, and scattered all over the United States. If we could get a great number of men to work hand in hand it would be well. Our profession is a great one. What would a city like Minneapolis or New York, or any of the greater cities, be without their parks or without gardens and trees? They would be a barren waste."

Percy Ellings, of Menlo Park, Calif., secretary of the Menlo Park Horticultural Society, extended an invitation to the visiting gardeners to come to Menlo Park and be the guests of the society for a day, stating "that they had made arrangements to take the gardeners all through the principal estates down on the Peninsula, and afterwards to treat them to a good old-fashioned Spanish barbecue, which would be a novelty to the visiting gardeners."

Theodore Wirth, of Minneapolis, Minn., on being called on, said in the course of his remarks: "I simply want to say this, that while I am a park superintendent now, I came to that

position as a gardener, and I am proud to be a gardener and always have been proud of it and always will be. There are many possibilities in our profession, so many different ways to develop that it is certainly very important that we make more effort in the future than in the past to get together and enlarge the usefulness of the National Association of Gardeners. The only way that this can be done best in my opinion is through the formation of local organizations and having them represented by delegates sent by these local organizations to the national meetings wherever they may be held. You all know that very few of the gardeners are financially situated so that they can travel clear across the continent to attend these meetings. You also know that there are very few employers that realize the value of these meetings. They really do not know, chiefly because they are not informed as to what we are trying to do; consequently, there are very few of them who are willing to pay the expense of their gardeners to attend here, although they might be willing to do so if they were properly informed of the value to the gardeners and to themselves of these meetings. The time will come when they will be willing, I believe, to help us along these lines."

Vice-President Rennie next called on Richard Vincent, Jr., of White Marsh, Md. In responding Mr. Vincent said: "In regard to this matter before us, I am something like the boy who made his first trip out in the country, and saw a great big something there; he did not know what it was, and he looked around and inspected it on all sides. He said, 'That is aarnation funny house, with no chimneys, doors or windows to it.' An old farmer that he met there said, 'That is no house.' 'Well, what is it?' 'A hay-stack.' The boy replied, 'I may be a greenhorn from the city, but you can't fool me that way. Hay don't come in humps



ORNAMENTAL BEDDING AT GIRARD COLLEGE, PHILADELPHIA, PA.



ORNAMENTAL BEDDING AT GIRARD COLLEGE, PHILADELPHIA, PA.

like that.' I may be a little green as to what the idea of this association is, but I think that the suggestion in regard to building up the organization is an excellent one. Every man who wants his organization to go ahead ought to put a little energy into it. Now, in regard to the appointment of a number of vice-presidents, of course, you can do that, but what is the use of a large number of vice-presidents? They are likely to be simply dead timber, and instead of their stirring up membership for the society, nine times out of ten they will want more stirring up than the men that they are supposed to stir up.

"I know what a struggle it is to success. I have a baby of my own to care for, the American Dahlia Society, which has only been born within the last six or seven weeks, yet we are hustling all over this country for membership, and we are going to have it. We are going to show the world what dahlias are. You gardeners have to carry your products somewhere to show the people what you have got. You have got to entice the people to go and see them. It is only by thorough work that you can make this organization what it ought to be. It is now in its infancy, but it can and will grow, if you will only put your shoulders to the wheel and give it a little push up hill. So I believe if you push this thing, you cannot only keep up with it, but get ahead of it. It needs push all of the time. I hope if it is ever my privilege, if I live long

enough to address this body again, that I will tell you something better than I have this afternoon."

Mr. Vincent was followed by some of the members from the Pacific coast, and what they had to say indicated that they were thoroughly interested in the work that could be accomplished by an organization such as the National Association of Gardeners and that they might be counted on to give their support and co-operation.

An invitation was received at this time from the American Association of Park Superintendents to join the meeting of the park superintendents to attend the illustrated lecture of Hon. Samuel E. Hill, president of the Pacific Highway Association on "Good Roads." At the suggestion of Vice-President Rennie and Mr. Wirth, the meeting adjourned to attend the lecture. It was intended to re-convene after the lecture, but owing to so many other attractions of the exposition city there was no re-convening and the meeting stood finally adjourned.

LAKE FOREST, ILL.—Thos W. Head, formerly superintendent of the Plant estate, Groton, Conn., has been appointed superintendent of the J. Ogden Armour estate here. Mr. Head left for the east September 13, to bring on his family. Joseph Burgess, late superintendent, returned to England, having resigned his position for that purpose.

Ornamental Bedding at Girard College.

One of the show places in Philadelphia, Pa., of especial interest to the craft is Girard College, where the beautiful lawns and wonderful bedding surrounding its various buildings, and particularly in front of the main structure, have for a long time stood as examples of high art in ornamental gardening. It is here that the croton was first tried as a bedding plant. Up to the time of this experiment it was not known that it would stand the sun, and Mr. Gebhard Huster, the gardener at that time, about 1890, planted it with much misgiving. The result, however, was wonderful; the plants made a remarkable growth and colored up as they had never done under glass. It was not long after this before they became general favorites and standard plants in all fancy garden and lawn decorations. Edwin Lonsdale, who succeeded Mr. Huster at his death, was a great croton enthusiast and raised a number of seedlings of merit, which were disseminated by Robert Craig, Philadelphia, Pa. A brilliant red was named by Mr. Craig after Mr. Lonsdale and is to be found in every collection.

Charles W. Cox, who is now in charge, succeeding Mr. Lonsdale about three years ago, is continuing the good work of his predecessors, and the beds as laid out by him are particularly fine. The lawn in front of the main college building is about an acre in extent—it is the entrance to the grounds, and here are laid out the principal flower beds. At present the tulips which have been gay with their gorgeous colorings, are

being removed and pansies, transplanted in full flower, have taken their place, which in about two weeks will give way to the permanent summer planting of crotons, pandanus, dracenas, coleus, etc. The two large center beds, each 31 feet in diameter, are filled with crotons, and when finished are raised to about six feet in the center, with a large Phoenix dactylifera rising from a mound of Baron Rothschild. This is surrounded by four varieties, Queen Victoria, Robert Craig, Faciatus and Edwin Lonsdale in separate blocks, divided on the outer edge by a wedge or triangle of Abutilon Savitzii. In the center of each of these triangles is a plant of Phoenix Roebelenii. The border is acalpa and an outer row of Achyranthes Lindenii.

The crotons, numbering about 1,500 one and two year old plants, are used in these two beds and are hardened off before being planted out, when they go constantly forward. The beds are not especially prepared or fertilized, the rains through the winter covering of manure over the tulips being sufficient to enrich the soil. In the fall, when the plants are lifted, the two year old stock is discarded and the smaller plants kept over for stock and next year's planting.

There are smaller beds at intervals about the borders of the lawn which are also filled with crotons, one variety to a bed, generally with a center plant of Pandanus Veitchii or dracena bordered with Abutilon Savitzii and alternanthera or Achyranthes Lindenii. These beds are very effective. The long center ribbon beds, 75 feet long by eight in width, which border the center walk to the main building, are filled with General Dryden geraniums and bordered with Achyranthes Lindenii. These ribbon beds are divided in the center by a circular bed about 12 feet in diameter filled with Pandanus Veitchii and bordered with achyranthes. These make very striking and effective centers. Geraniums are used in other parts of the grounds in borders, etc., the varieties found being S. A. Nutt, Marquis de Castellane, White Swan, and Mountain of Snow variegated. Beds are planted with Ficus elastica and F. pandurata, both of which are very striking in their robust foliage.

Two large sub-tropical beds for a half shady place, made up of a general collection of all kinds of foliage plants, that when finished Mr. Cox describes as a tropical jungle, is, he considers, one of the most attractive spots in the gardens. Foliage and flowering begonias with Dracena Sanderiana, make a show on the outer edge. Two large cactus beds with echeverias always find many admirers and are sure of a place every season. Another bed that always looks well in a shady place is of Aucuba japonica with acalpa border.

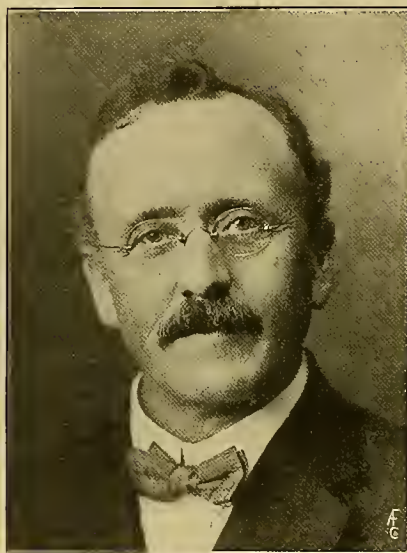
Evergreen border beds, to shield walls or rear places, when not set too closely together so that plants for summer bloom may be placed between for color effect, are very satisfactory. The evergreens are mostly broad leaved varieties, as they are more sure to stand our winters, and as much variety of color is secured as possible. Next the walk or lawn room is left for a row of geraniums and borders of achyranthes or coleus for a color line.

About May 20, which is celebrated as "Founder's day," some of the beds are planted with blue and yellow to represent the civic colors. A large number of yellow shrubby calceolaria and blue pansies are grown for the purpose, being plunged in the pots and removed later

to other locations to make room for the summer bedding. Some very well budded azaleas and genistas have been kept in cold frames outside all winter and are now heavily shaded to keep them back for the "Founder's day" exercises. They have never felt fire heat and are just bursting into bloom.

A row of rambler roses in variety, will be a great sight about the first of June, they being heavily set with buds. Mr. Cox is taking a great interest in the work. The trees have been a problem, many of them being too close together. He has gradually managed by stealth and partial consent to get a goodly number of them out of the way, and by so doing greatly added to the health of the remainder and the beauty of the grounds.

Mr. Cox is of English birth; getting the fundamentals of the business in that "country of gardeners," he has added greatly to his knowledge by his



Chas. W. Cox.

Girard College Gardener, Philadelphia, Pa.

practice here. He is of a genial disposition, a hard worker, and keeps well posted and up-to-date in all the branches of his business.

K.

American Dahlia Society.

A tremendous amount of enthusiasm is being shown in every section of the country in the American Dahlia Society, which was formed in New York in May by ex-President Vincent of the Society of American Florists and other dahlia lovers. It is the pleasure of the secretary to advise that over a hundred dahlia lovers have joined as charter members, and that there is every prospect of this number being increased to 250 before the annual meeting.

The annual meeting will be held during the first show of the organization September 24-26, at the Museum of Natural History in New York. Here will be held what is expected to be the largest and grandest dahlia show ever held in the United States. Expectations are that over \$300 will be offered for competition at this show. Copies of the preliminary schedule have been issued, and may be obtained by writing to either George V. Nash, secretary of the Horticultural Society

of New York, Bronx Park, or Joseph J. Lane, secretary of the American Dahlia Society, 11 West 32nd street, New York.

Among other things which are being done to promote interest in this show and make it a success, may be mentioned the fact that the executive board at its last meeting authorized the secretary to prepare 2,500 double post cards, these post cards to be sent out through the co-operation of dahlia dealers in various parts of the country to the best customers of the dahlia. These 2,500 cards have already been mailed, and great returns are looked forward to.

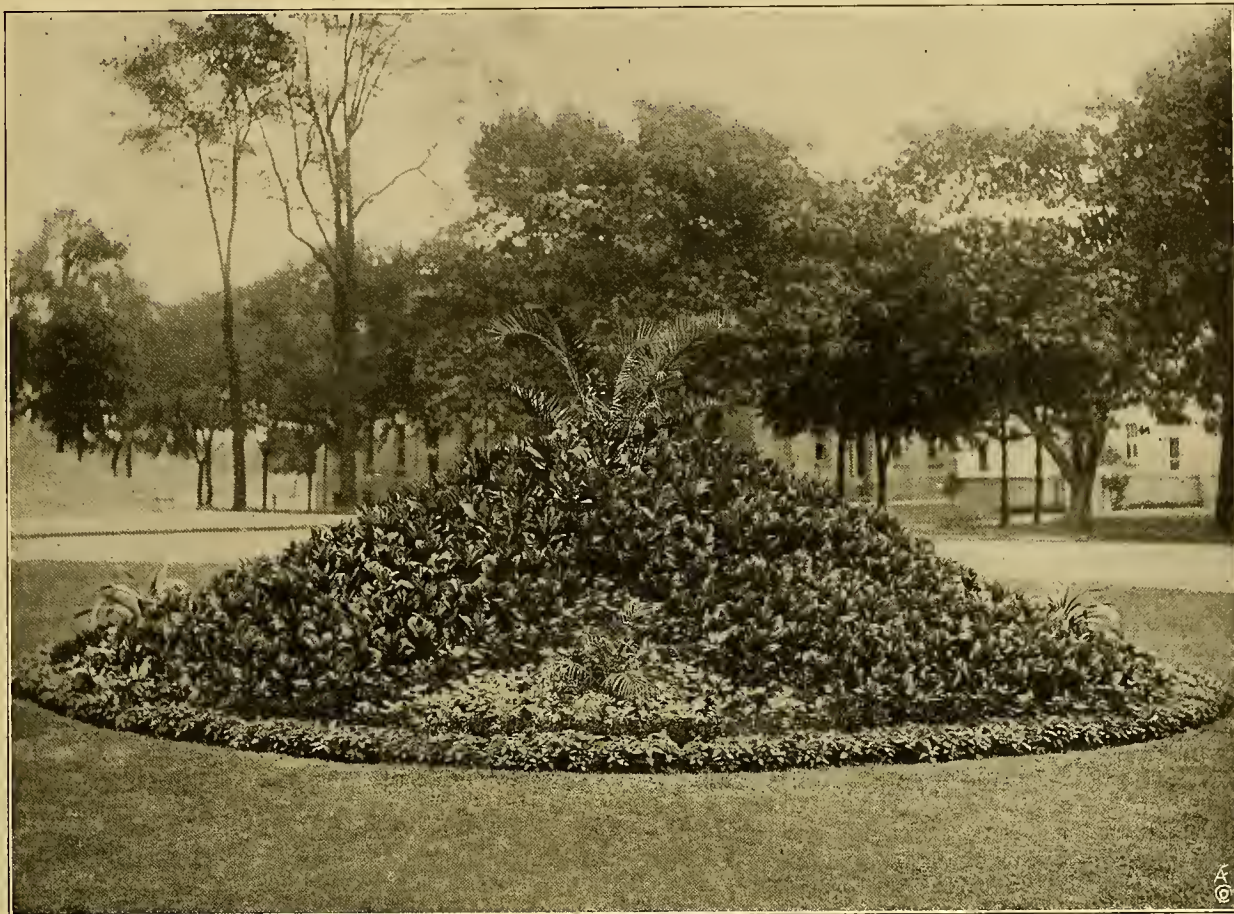
This card is an urgent appeal to the dahlia lover to join the American Dahlia Society, now in its infancy, and so get charter membership. All joining before September 24 become charter members. The dues are \$1 for initiation, \$2 for active membership, and \$1 for associate membership. It is stated in this post card that it is the intention of the society to publish an information bulletin for members as soon as the events of the organization permit. As has been stated previously, President Vincent has offered to supply the dahlia blooms to any florist who will enter into the competition for the various prizes offered for dahlia shown in use for decoration.

The H. F. Michell Co., Inc., Philadelphia, Pa., have offered gold, silver and bronze medals. The Society of American Florists has recognized the society, and has offered one of its medals for competition for showings of new and rare varieties of dahlias. John Young, the secretary of the Society of American Florists, will take charge of the exhibition.

Peter Henderson & Co., New York, have offered \$10 in prizes; Harry A. Bunyard Co., Inc., New York, \$5; Stumm & Walter Co., New York, \$10; Fottler, Fiske & Rawson Co., Boston, Mass., \$10. The Horticultural Society of New York, in conjunction with which the dahlia society is making exhibitions, has offered \$100, to be distributed as prizes. W. W. Willmore, of Denver, one of the most enthusiastic dahlia lovers in the West, has offered \$25 in prize money. The Garden Magazine has offered one of its achievement medals, and prizes are promised from John Lewis Childs, Inc., and Henry A. Dreer, Inc., also W. Atlee Burpee & Company. Everything points to this being one of the most successful individual flower shows that has ever been held in this country. Intense enthusiasm is being manifested among the trade, and the amateurs are certainly doing their share to make it a successful exhibition. An attempt is being made to get together flowers from all the growers possible and to make an exhibition of one flower of each of as many varieties as possible. This, I believe, will be of very great interest to the visitors.

It is expected that guides will be on the floor of the exhibition hall to inform and help the visitors in acquainting themselves with the dahlia and various varieties. The secretary and the executive board are desirous of securing prompt and early co-operation from the trade and from amateurs in general. They will appreciate hearing from those who are willing to cooperate. As the show will be held September 24-26, prompt action is necessary.

JOSEPH J. LANE, Sec'y.



ORNAMENTAL BEDDING AT GIRARD COLLEGE, PHILADELPHIA, PA.

New York Botanical Garden.

The week's celebration of the twentieth anniversary of the founding of the New York botanical garden opened September 6, with more than 100 delegates from different parts of the country in attendance. Dr. W. Gilman Thompson, president of the garden, delivered the address of welcome. He was followed by Thomas W. Whittle, who spoke for the park department. Dr. N. L. Britton, director in chief of the garden, made the final address in the nature of a historical sketch. Starting with the old Torrey botanical garden in 1888, he told of the inception and growth of the present park and garden in the past twenty years. He said in part:

"An act to provide for the establishment of such a garden, drawn by Judge Charles P. Daly and Judge Addison Brown, was introduced in the legislature March 6, 1891, and became a law by the approval of Governor Hill April 28, 1891. This act established a corporation with the name 'The New York Botanical Garden,' for the purpose of maintaining a botanical garden and museum and arboretum therein for the collection and culture of plants, flowers, etc. There were 49 incorporators, among whom were Seth Low, Charles A. Dana, Hugh J. Grant, Cornelius Vanderbilt, Morris K. Jesup, J. Pierpont Morgan, Andrew Carnegie, D. O. Mills, William C. Schermerhorn, William G. Choate, Jesse Seligman, Samuel Sloan, Robert Maclay, Charles F. Cox and Percy R. Pyne.

"This act of incorporation authorized the commissioners of public parks to set apart 250 acres of Bronx park after a fund of not less than \$250,000 should be obtained by the incorporators by subscription. The required sum was obtained from twenty-two contributors. Among the donations were gifts of \$25,000 each by Columbia College, the late J. Pierpont Morgan, Andrew Carnegie, Cornelius Vanderbilt, John D. Rockefeller, D. O. Mills and Judge Addison Brown.

"The full amount was obtained by June 18, 1895, and on the last day of that month the park commissioners approved the present site in Bronx park."

The delegates loudly applauded Mr. Britton's address, and as many of them said that they would like to have copies it was decided that it be printed and presented to them before the end of the week.

Previous to the addresses, a luncheon had been served. After Dr. Britton had finished his address, an inspection of various features of the park and garden was made, including one of the conservatories, the flower garden and the zoological park. At 7 p. m. dinner was served in the Rocking Stone restaurant.

Among those who attended were: Dr. J. A. Samuels of Washington, D. C.; Dr. L. H. Harvey of Kalamazoo, Mich.; Samuel Alexander of Detroit, Mich.; Professor Mel T. Cook of Rutgers College; Alfred H. W. Povah of the University of Michigan; Oakes Ames, the orchid expert of North

Easton, Mass.; and Harvard University; Dr. A. H. Chivers of Dartmouth College; Frank S. Collins of North Eastham, Mass.; Dr. Arturo Rosquey Torralbas of Havana, Cuba; L. J. Pessin of the Georgia Botanical Society; Dr. J. Arthur Harris of the Carnegie Institute at Cold Spring, L. I.; Oliver A. Farwell of Detroit; Miss J. H. Stebbins of Rochester, N. Y.; Mrs. M. R. Goodhue of Syracuse, N. Y.; Dr. Susan P. Nichols of Oberlin, Ohio; Professor A. F. Blakeslee of the Connecticut Agricultural College; Professor Frank D. Kern and Professor C. R. Orton of the Pennsylvania State College; Professor George F. Atkinson of Cornell University; Dr. D. T. MacDougal, Professor Alexander W. Evans, Professor R. H. Harper, Professor Caroline A. Black of the New York State Agricultural College; Professor and Mrs. A. Vincent Osmun of the Amherst Agricultural College; Dr. J. M. Greenman of the Missouri botanical garden, and Dr. Edmund W. Sinnott of Harvard University.

Many papers were read on September 7. On September 8, "salt water day", the delegates visited points of interest on Staten Island.

A. F. F.

ST. JOSEPH, Mo.—An unused wing in the Livestock Exchange building will be converted into a conservatory, and flowers and shrubs will be grown under the direction of A. Jarabek, landscape gardener for the exchange company, for planting on the company's grounds next spring, with the intention of making one of the most beautiful parks in the city.

Florists' Exhibits at Minnesota State Fair.

Floricultural exhibits staged at the Minnesota State Fair this year were the best ever shown in variety of plants, arrangement of exhibits and in number of entries, and the Floricultural hall was at all times the center of an admiring throng of visitors. The state fair association awarded premiums amounting to \$1,305 to professional florists and \$254 to amateurs.

Merriam Park Floral Co. carried off the high award, with Minneapolis Floral Co. second and Holm & Olson third with an excellent display.

For the best collection of ferns and decorative plants the first prize was awarded to Holm & Olson, with Merriam Park Floral Co., Minneapolis Floral Co. and the Nagel Greenhouses, Minneapolis, second, third and fourth respectively.



VAUGHAN'S SEED STORE PICKNICKERS.

Some Employees of the Chicago Stores and Friends at J. C. Vaughan's Farm, Homewood, Ill., Sept. 12.

Possibly the only unsatisfactory feature in connection with the 1915 exhibition, was the dissatisfaction with the judging, due to the one man system, many of the exhibitors at the fair this year stating that they will not exhibit again under the same arrangement.

The Minneapolis Florists' Club was awarded a silver cup for the fine display and general arrangement of their space, which was the work of W. D. Desmond, who took charge of the display for the club. The water wheel, with the mill running and the log cabin on the hill were features of the building and was always surrounded by an admiring crowd.

Holm & Olson, St. Paul, were first in the class for decorative plants; Minneapolis Floral Co., second.

In the class for table decorations, Holm & Olson were first; Minneapolis Floral Co., second, while third and fourth honors went to Boardman, of St. Paul and Oscar Amundson, Minneapolis, respectively.

Holm & Olson secured the first prize for bridal bouquets, with Minneapolis Floral Co. a close second, and both of these concerns were finishers in like positions in the class for corsages.

Minneapolis Floral Co. captured the first honors for original design and Max Kaiser of Merriam Park was second with a most excellent display.

D. W. C. Ruff, of Bald Eagle Lake, was first in both gladioli and dahlias.

Hanging baskets of foliage plants arranged for effect were a feature of the display, and many excellent arrangements were noted. In the awards Max Kaiser was first, Holm & Olson second and Minneapolis Floral Co. third. Excellent displays of blooming plants arranged in a space of 100 square feet were made and the Mer-

In the rose class, Holm & Olson were successful in wresting first honors from the Merriam Park Floral Co.

Excellent displays of dahlias were made by the Swenson Greenhouses at Wayzata and George Tong, of Long Lake, and both were entered on the prize list.

J. V. Bailey of St. Paul was superintendent and Wm. H. Bofferding of Minneapolis acted as his assistant.

T. C. R.

GUTHRIE, OKLA.—A fall flower show will be held in October, under the auspices of the City Federation.

Cleveland Fall Show.

One of Cleveland's wealthy citizens, James W. Corrigan of the firm of Corrigan & McKinney in the iron ore business, has taken it upon himself to increase the interest of private growers in Ohio, by offering them a silver cup made by Tiffnay, New York, the actual cost of which is \$500. This will be competed for in the Cleveland flower show by private growers only of Ohio and is attached to a special class of 36 chrysanthemums, two vases, six varieties. This probably will not bring out a big entry this year, but for the next few years it will be competed for very strenuously because it must be won three times before becoming the final property of the winner. The final premium list is said to contain the names of many prominent gardeners who are taking a great interest in the coming show to the extent of offering special prizes. John D. Rockefeller, also Ex-Ambassador Myron T. Herrick, are two of the best known.

Boston:

ALL STOCKS SELL SLOWLY.

During the past week business has been very quiet. The Jewish New Year took away many buyers and the trade was generally slack. Gladioli, although the supply has shortened, continues to sell slowly. Prices on these range from 50 cents to \$2 per 100. Asters also are selling poorly. The quality of flowers as a whole is good, but prices are low. Roses took a drop in price, and only the white and newer varieties find a good market. Carnations are becoming more plentiful, prices on them ranging from 50 cents to \$2 per 100.

NOTES.

R. W. Swett, of Saxonville, is shipping to J. M. Cohan at the Co-operative Market a fine lot of gladioli. Among the best selling varieties were noted Mrs. Frank, Pendleton, Halley, Princes, and the new red variety, War.

Frank Dolansky, of Lynn, is marketing some very fine orchids at present. He has fine flowers of oncidium, Odontoglossum crispum, O. grande, Dendrobium formosum, Cattleya labiata and cypripedium.



CONNECTICUT NURSERYMEN'S ASSOCIATION.

Members "Talking Shop" at the Annual Outing at Lake Compounce, August 19.
See September 4 Issue of THE AMERICAN FLORIST.



HORTICULTURISTS AT VAUGHAN'S NURSERIES, WESTERN SPRINGS, ILL., SEPTEMBER 8.

The annual dahlia exhibition was held at Horticultural hall, September 11-12. There was a very fine exhibit of dahlias and fruits and the show had a remarkable attendance. One of the most notable exhibits of dahlias came from J. K. Alexander, of East Bridgewater, Mass.

J. K. Chandler has his new house completed except for the steamfitting. The house is planted with carnations, which are doing nicely. He has four houses planted with chrysanthemums, Chas. Razer, Dr. Enguehard and Major Bonnaffon being the main varieties.

Hoffman, Inc., has added to his delivery service a motorcycle side car. The van is painted to represent one of his flower boxes and it makes a neat and modern looking means of delivery.

Patrick Norton, one of the pioneer florists of this city, passed away at his home in Dorchester, September 9. His death was deeply felt by his many friends.

F. L. W.

Buffalo.

WARM WEATHER; BUSINESS SLACKENS.

Weather conditions in this vicinity are sadly disarranged. August weather is now being enjoyed by all, with a consequent condition of trade in keeping with it. Asters are coming in well, the late varieties better than ever. Gladioli are getting poorer, while roses show improvement and carnations are very scarce. Calendulas, lilies and tritomas are welcome additions to a store for use as decorations. Several stores are preparing for their fall openings with stock from the florist that has only a summer suggestion. Autumn foliage, chrysanthemums and other suitable stock cannot be had the first or second week in September in good quality or color. Yellow and white chrysanthemums are on sale, but look very much like a tired child overworked on a hot day. The early man with some flowers is a hero, but the one with chrysanthemums is about as welcome as the one who gets his lilies in three weeks after Easter. He has no place for his stock, and who wants 'mums when you have asters, dahlias and other flowers in your garden, and are enjoying balmy breezes on your

veranda or are out motoring. That is the pleasure of Buffalonians now, and I only speak for Buffalo.

NOTES.

Alterations and repairs to green-houses are about completed. W. J. Palmer & Son, at Lancaster, N. Y., are all through; S. A. Anderson has now all houses with cement benches and an innovation in a new place to force bulbs; L. H. Neubeck and the Wm. Scott Co., Inc., have made several changes in their places and are now ready for winter business. Jerry Brookins & Son will be better prepared than ever to supply their trade with carnations, sweet peas and roses.

There are rumors of a wedding in Buffalo among the florists. No names mentioned, but if an English reservist is conscripted, there will be a Red Cross nurse go also and a guarantee of both in the same regiment. Should they go they will call on father at his place in Hanover square, London.

E. C. Armbrust, who has been with S. A. Anderson for two years, has resigned to engage in business for himself in Rochester. The best wishes of all are with him in his new location on East avenue in the "Flower City."

There will be a meeting of the New York State Federation of Florist Clubs at Syracuse, Thursday, September 16. Several from this city are going to help the association along and visit the state fair.

BISON.

Cincinnati.

HOT WEATHER CAUSES SLOW MARKET.

Hot summer weather set in shortly after the first of the month, and since that time business has slowed up somewhat. The supply has increased greatly. Shipping business is good. Roses are in a very heavy supply. Many blooms are coming in soft and not in a fit condition for use. Carnations have become much longer and better than they were at first. Easter lilies are plentiful, but do not meet with a particularly strong demand. Some very fine American gladioli are to be had. Asters are still in a heavy supply and of fair quality. The supply of greens is sufficient for all present requirements.

CLUB MEETING.

The florists' club meeting Monday evening, August 13, was well attended. President Max Rudolph was in the chair. John Van Leerwen was elected a member of the society. J. A. Peterson gave an interesting talk on the S. A. F. meeting at San Francisco and the exposition, while Mr. Van Leerwen spoke on co-operation among the florists in buying.

NOTES.

J. A. Peterson plans to leave on an extended auto trip within the coming fortnight on which trip he will call on his trade.

C. E. Critchell has been having very large cuts of the new roses.

J. T. Conger is visiting at Anderson, Ind.

Visitors: Geo. Lampbert, Xenia, O.; Joseph Hill, Earl Mann and Fred Lemon, Richmond, Ind. H.

Oklahoma City.

We are having very warm weather and business is only "so-so"—not any duller, however, than is usual for this season of the year. Fashion week is to commence this year on September 24. This event usually marks the beginning of the fall season and brings with it quite a little decorating business for the florists.

NOTES.

There is some talk of having only annual meetings of the Oklahoma State Society of Florists and of forming an Oklahoma City Florists' Club. If this can be accomplished, it will be another step in the direction of bringing the local members of the craft closer together.

Furrow & Company are looking for a suitable site on which to erect a range of glass. They expect to build quite a large glass area and also to move their Guthrie plant to this city some time in the future.

A son was born to Mr. and Mrs. Lon Foster, September 10. Mr. Foster is manager of the store of Furrow & Company.

C. W. Stiles has returned from a business trip to Memphis, Tenn.

C. J. Bickes has been called to his home town, Decatur, Ill., owing to the serious illness of a sister. S. S. B.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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"SUBSCRIBER" should repeat his query, giving full name and address to secure the desired information about trees.

THERE are no new developments this week in the Anglo-Belgian-German controversy regarding imports of European plants, bulbs, roots and seeds.

JOHN RAUM, a private gardener well known around New York, writes from Nuernberg, Germany, to send him a few pounds of white flour to make a cake. There is plenty to eat and drink he claims, and music, but no white flour.

Personal.

E. H. R. Green, who has been living for more than two years in New York, with his mother, Mrs. Hetty Green, will return to Texas to take charge of the Green interests in the southwest.

Winter-Flowering Sweet Peas.

It will be recalled that in our issue of August 14, page 165, some selections of sweet peas for winter flowering were named. We now take pleasure in adding the latest selection of varieties by Wm. Sim, of Cliftondale, Mass., well known as a successful grower of sweet peas under glass. Mr. Sim names the following varieties: Christmas Pink Spencer, White Orchid, Mrs. Skaach, Rose Queen, Venus, Lavender Unwin and Orange Orchid.

Revised Freight Rates.

We give below the latest freight rates on transatlantic steamships with those of last year for comparison. The prices are given in shillings per 40 cubic feet. For shipments to Philadelphia via New York add to the rates quoted two shillings per 40 cubic feet.

	1914	1915
Spiraea and lily of the valley	25s	30s
Plants and shrubs, including evergreens and conifers	18s	20s
All other nursery stock	15s	...
Young deciduous trees (not shrubs, evergreens nor conifers)	...	17s
Plants in hampers, tubs and canvas, each containing one plant	...	15s
Plant, loose	...	15s
Elms, plantanes, and similar cheap standard trees (shrubs and young deciduous trees excepted), loose or partly packed	...	15s
Cheap standard trees in cases above 12 feet in length	...	15s

Import Permits.

I am informed by the Merchants' Association of New York that it is stated unofficially by the foreign trade advisers in behalf of the American importers that the incurring of liability for the payment of goods by the American importer prior to March 1, 1915, is to be the basis on which permits for shipments will be issued in future. No payment needs to have been made, but the American purchaser must show that he was legally bound to pay for the goods before that date. Evidence that will substantiate the above facts should be submitted to the foreign trade advisers by interested houses as follows:

(a) An affidavit giving the history of the case and showing all the documentary evidences submitted.

(b) Either the original contract or certified copies of the same.

(c) Copies of order sheets, the original acceptances, invoices and consular invoices if available. In addition to these proofs all marks, numbers, values and cost of goods, and the name and address of shipping agent in neutral port should be given.

Such evidence will be kept on file by the foreign trade advisers and as soon as the department of state is officially notified by the British authorities that such claims will be received and considered by the British government, it is the purpose of the foreign trade advisers to file these claims with the British embassy in Washington in the order in which they are received by the department of state. It would be well, therefore, that all interested houses should forward a sworn statement to Judge W. D. Fleming, Foreign Trade Adviser, Department of

State, Washington, D. C., as soon as possible if they desire an early movement of their goods.

As soon as the department of state receives official confirmation of the above, they will be notified.

CHARLES A. DARDS.

New York, Sept. 10, 1915.

Ladies' Society of American Florists.

To the Members of the Ladies' Society of American Florists:

My report and paper which I was to send to the annual convention was forwarded by registered mail to San Francisco and reached there on August 15. They were returned to me on August 29. I mailed them to the president that she would understand I had kept faith with her and was not responsible for my report not being at the meeting. I feel that it is only right and proper that all should at least see the report and I have therefore asked THE AMERICAN FLORIST to print the same.

TREASURER'S REPORT.

Balance on hand, Aug. 14, 1914	\$211.88
Received from dues, pins, etc.	265.75
Received from one life member	10.00
	<hr/> \$487.63

DISBURSEMENTS.

W. R. Nicholson, bowling prize	\$ 25.00
Smith Memorial fund	25.00
Copley-Plaza hotel, reception	77.75
Topping & Co., printing	9.25
Miller Jewelry Co., pins	37.50
Mrs. Maynard, postage and wreath for Mrs. Fetters	28.00
Flowers for Mrs. Quick	2.00
Flowers for Mrs. Montgomery	2.00
Topping & Co., printing	11.75
Flowers for Mrs. Berning	2.00
Topping & Co., printing	7.50
Annual printing	37.50
Wreath for Mrs. Berning	5.00
Miller Jewelry Co., pins	37.50
Mrs. Maynard, salary to August 14, 1915	50.00
Mrs. Maynard, postage, etc.	34.75
	<hr/> \$392.50

Receipts	\$487.63
Disbursements	392.50

Balance on hand, August 9, 1915.....\$ 95.13
 MRS. ALBERT M. HERR, Treas.

Chinese Dictator Buys English Home.

Yuan Shih-K'ai, president of the republic of China, has during the past month completed the purchase of one of the finest of English country seats in the midland counties. The price paid is said to have been very large, which is not altogether surprising, in view of the fact that the big park, with trees hundreds of years old, is entirely surrounded by either stone walls or high iron railings.

That he should thus have purchased a property of this kind in Great Britain, where no less than five of his sons have been receiving their education for the last two years, lends color to the rumors according to which he is heartily tired of his dictatorship at Peking, of the terribly hard work which its possession entails, and, moreover, is wearied beyond all measure by the constant attempts that are being made on his life, and which necessitate such elaborate precautions that his existence has been reduced to a species of gilded captivity comparable only to that suffered in the Forbidden City by the late Emperor Kwang-Su.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Ads., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—By experienced saleslady and all around helper: can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 539, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. Address FLORIST, 61 W. Ontario st., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By German 33, single, quick worker, grower in first-class stock, pot, bedding plants, palms, ferns, chrysanthemums and all greenhouse work. Can come at once. Full particulars in first letter. Address ADOLF GALL, Florist, General Post Office, Milwaukee, Wis.

Help Wanted—A good grower to buy half interest in well established greenhouse. Address Key 552, care American Florist

Help Wanted—At once, experienced greenhouse man; must be good fern grower. Address RANDOLPH & McCLEMENTS, 5936 Penn Ave., Pittsburgh, Penn'a.

Help Wanted—Good all around storeman for Kansas City, Mo., retail store. State full particulars in first letter. Address Key 558, care American Florist.

Help Wanted—At once. A young man who has a fair knowledge of perennial plants. Private place. \$2.25 a day. Apply P. BACK, E. L. Ryerson Estate, Lake Forest, Ill.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Help Wanted—Experienced young saleslady for Chicago loop store. Good wages to right party. Address Key 548, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter. Address RUGBY GREENHOUSES, Rugby, N. D.

For Sale—Windmill with tanks and pumps. For further particulars call on or address, T. FEHRMAN, 7744 N. Lamon Ave., Chicago.

For Sale—Florist business with large greenhouse, 7 room dwelling, 1/4-acre lot; all kinds of money made; no competition. All for \$2,700. Address MRS. WALDO, Chilliocothe, Ill.

For Sale—Florists' White Ice Box, 600 pounds capacity; made by Schmidt of Cincinnati; used one year; perfect condition. Cheap, if sold at once. Address Key 551, care American Florist.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175 00; f. o. b. Dayton, \$125.00. cash. Address MRS. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—On account of death of my husband, have 4 greenhouses and dwellings for sale or rent. Splendid location, established 28 years, doing fine business; whatever is in stock given gratis. For particulars call or write. Address MRS. THERESA VALOM, 838 31st Street, Milwaukee, Wis.

For Sale—Up-to-date florist business, greenhouses, store and dwelling on Main street. The leading florist on the western slope; good shipping to the adjoining cities. The healthiest climate in U. S. Price and terms right. Write to Manager, GRAND FLORAL CO., Grand Junction, Colo.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

FOR SALE

4 Greenhouses each 40x120 ft., 1 acre land, good 5 room residence and office building combined. Well stocked for fall and winter trade; located in thriving town in Central Indiana of 25,000 inhabitants. All in first-class condition and doing fine business. Good reasons for selling. Address Key 555, care American Florist.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

NOTICE.

John Scott, Florist, Huntsville, Ala., who has been sick for some time, has disappeared from his home. He is a Scotchman, speaks with a decided accent. Age, 45 years; height, 5 ft. 6 in.; weight, 125 lbs.; dark complexion, turning grey; wears blue serge suit; one upper tooth in right side missing. Any brother florist knowing of his whereabouts, kindly write Mrs. J. SCOTT, Twickenham Hotel Block, Huntsville, Ala.

DISSOLUTION OF PARTNERSHIP

Notice is hereby given that the co-partnership heretofore existing between HERMAN KOMITSCH and AUGUST JUNGE, both of the Borough of Secaucus, County of Hudson and State of New Jersey, under the firm name of KOMITSCH & JUNGE, has been this day dissolved by mutual consent. Herman Komitsch is authorized to wind up the affairs of the partnership, collect all bills, and pay all outstanding debts. Dated August 23, 1915. HERMAN KOMITSCH, AUGUST JUNGE

Designer--Decorator--Salesman

Experienced, first-class and up-to-date, having been connected with best establishments in the country, is open for engagement. Desire to connect with high class shop, where there is an opening for a live wire of high caliber efficiency who can produce results. Address Key XX, care American Florist.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. - It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

THE MacNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street
New York

The Largest Horticultural Auction Rooms in the World.



Sales at frequent intervals during Fall, Winter
and Spring. Watch for Advertisements.

Palms, Ferns, Rubbers, Dracaenas, Etc.

Also Mammoth Shipments of

Holland and French Grown Bulbs

Pittsburgh.

TRADE CONDITIONS SHOW IMPROVEMENT.

Boiling hot weather has returned to us again after quite a long cool period. All the growers are beginning to ship their new crops of carnations, roses and lilies, but asters and gladioli still remain as strong as ever. Trade continues to hold up well, despite the heavy supply, so really there is not much to complain about. It is a shame to witness the great amount of asters that are being thrown away daily. The late crops are at the height of their season, which also hurts the sales and prices of other flowers to some extent. With good times back with us again, we may say that collections are somewhat better than they have been throughout the year. The supply business is brisk, as it is now time for the retailers to lay in their needs for the fall season, many of whom are placing their advance orders for Christmas goods. We might add that no shortage is expected in the line of immortelles, ruscus, statice, Diana grass and frieze this year.

NOTES.

Ray J. Daschbach reports a very busy season so far, running heavy on funeral work and decorations. A large floral blanket, 12x14, was a feature last week. Miss Friel, of the store force was compelled to return early from her vacation, which she was spending at Atlantic City, to help out with the rush.

Frank Kilgallen, of Daschbach's had an exciting experience while canoeing on the Allegheny river August 5, with a companion. The boat upset in mid-river, Frank managing to swim ashore, but his companion went down. The river has been dragged, but his body is still unfound.

Oliver Langhans is breaking in as a salesman at the Pittsburgh Cut Flower Co.'s wholesale store, after spending the summer at the firm's greenhouses in Bakerstown. Joseph Gotti has resigned his position with this firm.

Nuerenberg and Boyle have opened a retail store at Turtle Creek. Mr. Nuerenberg was formerly with the Braddock Floral Co., and of late was manager of Wm. Turner's Wilkinsburg store. Best wishes for success!

Earl Tipton has arrived in the city after spending the summer at the A. W. Smith Co. greenhouses, at Canfield, Ohio, having been greatly benefited in health by the change of surroundings.

Wm. Turner collided with a telegraph pole in his Studebaker touring car, on a road near Avalon, September 9, causing \$200 damages to his car. Mr. Turner escaped unhurt.

Peter Hopman is cutting heavily on his new crop of roses, the condition of which looks very promising for his second season.

Visitors: Oscar Leistner, Chicago; Mr. Kent, of Kent Bros., Newark, O.; Julius Dilhoff, of Schloss Bros., New York. G. M.

Minneapolis, Minn.

MARKET CONDITIONS SATISFACTORY.

The local market during the past week has been very good. Roses are coming in more freely, mostly from new stock, and while of short stem, sell readily at prices ranging from two to six cents. Sweet peas have shortened up and bring from \$2 to \$3 per 100. Lillies are plentiful, but in little demand. Chrysanthemums are moving satisfactorily and are quoted at prices ranging from 10 cents to 25 cents.

Gladioli are still in evidence in quantities, but have deteriorated in quality, and prices vary from \$1 to \$2 per 100. Lily of the valley continues scarce at five cents. Asters are quoted at from 50 cents to \$2 per 100 and smilax and greens move freely.

NOTES.

At the annual election of officers of the Minnesota State Florists' Association, held September 2, at Holm & Olson's store, St. Paul, the following were elected: W. D. Desmond, Minneapolis, president; Max Kaiser, Merriam Park, vice-president; A. Lauritzen, Como Park, treasurer; Thomas C. Rogers, 409 Hennepin avenue, Minneapolis, secretary. A vote of thanks was tendered retiring President O. J. Olson and other officers for their efforts in the welfare of the association during the past year. Nine new members were elected to membership.

O. H. Carlson and C. F. Rice of this city and J. R. VanBochove of Kalamazoo, Mich., equipped with a touring car and 1,000 rounds of ammunition are on their way to southern Minnesota to exterminate ducks and prairie chicken.

Carl F. Wahl of the Sunnyside Greenhouses has returned from bass fishing at Clearwater lake. He brought back a splendid catch, all over four pounds.

Carl I. Lindskoog has purchased the property he has been occupying and is putting in a conservatory and making other improvements.

Walter Montain, formerly with Carl Lindskoog, is on the Rice Bros. force.

Visitors: W. Jaan, Lester Park Greenhouses, Duluth, Minn.; E. Samuelson, St. Peter, Minn.; A. Miller, representing A. Henderson & Co., Chicago; J. R. VanBochove, Kalamazoo, Mich.

T. C. R.

Dreer's Herbaceous Peonies

We will begin to dig this season about September 15th, over one hundred thousand roots of the following choice varieties of our own growings, true to name, strong divisions, with from 3 to 5 eyes.



Double Herbaceous Peony.

	Per doz.	Per 100
Asa Gray. A very distinct flower, bright lilac, sprinkled with minute dots of deeper lilac in such a manner as to appear dusted on; blooms very large; mid-season.....	\$3 50	\$25 00
Andre Lauries. Strong vigorous grower with medium sized flower of deep Tyrian rose. \$30.00 per 1000....	1 50	10 00
Augustin D'Hour. Brilliant dark red with slight silvery reflex. Very large, compact, bomb-shaped flower; mid-season	4 00	30 00
Arthemise. A strong grower of upright habit, free bloomer in clusters, large, violet-rose with light mauve shadings. A good mid-season variety. \$140.00 per 1000	2 00	15 00
Agnes Mary Kelway. A tall, vigorous-growing variety of good habit and free bloomer, light violet rose with creamy white center, mid-season, very showy. \$140.00 per 1000	2 00	15 00
Couronna d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals. Strong upright growth; one of the choicest late flowering varieties. \$225.00 per 1000	3 50	25 00
Charlemagne. A very vigorous grower with strong stems and large compact, globular flowers. Lilac-white with a slight blush center. \$100.00 per 1000.....	1 75	12 00
Canary. One of the freest blooming varieties, of medium size; pure white guard petals with amber white center. \$100.00 per 1000	1 75	12 00
Delachei. Very large cup-shaped flowers, deep crimson-purple, a strong grower and free blooming mid-season variety. \$140.000 per 1000	2 00	15 00
Duke of Wellington. An ideal cut-flower variety, large, well-formed flowers on long stiff stems, color sulphur-white, quite fragrant, one of the finest mid-season sorts. \$100.000 per 1000.....	1 75	12 00
Duchesse de Namoura. Superb cup-shaped flowers of sulphur-white changing to pure white. Particularly beautiful in the half-open bud stage. \$100.000 per 1000	1 75	12 00
Dr. Caillot. Blooms on long stems, brilliant Tyrian rose. A very striking late flowering variety.....	3 00	20 00
Duc de Cazes. Another of the really first-class Peonies for all conditions, never failing to produce an abundance of flowers for Memorial Day. Upright growth with large flat flowers of perfect shape, fine bright pink shaded violet, lighter center and silvery reflex. \$100.00 per 1000.....	1 75	12 00
Edouard Andre. Compact growing variety, with globular semi-double flowers of dark carmine violet with metallic reflex, and golden yellow stamens. \$100.00 per 1000	1 75	12 00
Eduis Superba. The earliest variety in our collection, being frequently a week ahead of any other sort, making it particularly valuable for Decoration Day sales in late seasons or in latitudes where other sorts will not bloom previous to that date. Also a variety which has done well, blooming freely under the most adverse conditions. Flowers of a deep rose pink with lighter shadings. \$180.00 per 1000.....	2 50	20 00

	Per doz.	Per 100
Eugene Verdier. Immense globular flowers, delicate flesh color deepening towards the center, tall stately grower and profuse bloomer, distinct and desirable.....	3 50	25 00
Felix Crousse. The ideal self-colored red Peony, large globular and compact, an even shade of bright red without trace of any other color, a strong vigorous grower with long stems make this variety one of the most important commercial cut flower sorts. \$200.00 per 1000.....	3 50	25 00
Francois Ortegat. Brilliant crimson; full double flower, one of the richest dark varieties. \$140.00 per 1000	2 00	15 00
Festiva Maxima. This truly superb variety, the finest white in cultivation, has for nearly three-quarters of a century been the standard by which all other sorts have been judged. A giant in growth. No other variety combines the wonderful purity of color, freedom and earliness of flower, and handsome foliage as this "Queen of Peonies." This variety is probably better known throughout the world than any other. \$180.00 per 1000.....	\$2 50	\$20 00
Louis van Houtte. One of the most conspicuous of the dark colored varieties, blooms are produced in clusters on strong upright stems well above the foliage, color rich dark crimson, developing a slight silvery tip as the flowers age, making quite an attractive color combination. \$100.00 per 1000	1 75	12 00
L'Eclataante. Very large, showy, compact, brilliant, red flowers in clusters, vigorous growth, extra good commercial mid-season variety. \$140.00 per 1000.....	2 00	15 00
L'Indispensable. Immense flowers of a delicate lilac pink with darker shading towards the center. Tall, upright grower and profuse bloomer. A very desirable late flowering variety. \$140.00 per 1000.....	2 00	15 00
Lady Bramwell. A beautiful silvery-rose of fine form, a free-blooming and vigorous growing variety, together with the beautiful soft colored flowers make this one of the particularly attractive mid-season cut flower sorts. \$140.00 per 1000	2 00	15 00
Mme. Calot. One of the best of the early sorts, large flowers of a pale hyacinth pink color. Very delicate when cut in bud stage. \$180.00 per 1000.....	2 50	20 00
Mme. de Varanville. Beautifully formed flower very broad sulphur white guard petals and compact white center, touched carmine. A most chaste mid-season variety. \$140.00 per 1000	2 00	15 00
Mme. Ducl. Perfectly formed globular flower, dwarf, vigorous habit, color bright silvery pink with salmon shadings and silvery reflex. Magnificent cut flower variety and fine bedder	3 50	25 00
Marie Jacquin. A variety especially adapted for landscape work, flowers semi-double, almost pure white with the yellow stamens partly visible in the center. Very aptly named "Water Lily Peony." \$140.00 per 1000	2 00	15 00
Mme. Boulanger. A very choice delicate colored variety; in form not unlike a decorative cactus dahlia. The flowers of a soft lilac tinted white are formed of broad regularly arranged petals of great substance, greatly enhancing the lasting qualities	5 00	40 00
Meissonier. Large convex blooms on long stems, guard petals brilliant purple red, centre deep crimson. A splendid self-colored variety. \$140.000 per 1000.....	2 00	15 00
Mons. Jules Elia. Probably the largest flowered Peony in cultivation; color pale lilac-rose with silvery reflex. Strong grower, pleasing fragrance and early.....	6 00	45 00
Ne Plus Ultra. Semi-double, pure mauve, early to mid-season variety. \$90.00 per 1000.....	1 25	10 00
Princess Galitzin. Medium size pale lilac rose colored flowers in clusters, center of bloom composed of many narrow threadlike creamy white petals. \$140.00 per 1000	2 00	15 00
Queen Victoria. A strong growing pure white variety with creamy white center. One of the most popular standard cut flower varieties. \$90.00 per 1000.....	1 50	10 00
Rosa Elegans. Tall upright habit; color pale lilac-rose with creamy white center, pleasant fragrance. \$140.00 per 1000	2 00	15 00
Reina des Rosas. Early, medium-sized compact flowers of bright violet-rose with lighter shadings in the centre. \$140.00 per 1000.....	2 00	15 00
Victoire Modeste. Very large flowers of bright lively violet-rose with salmon center. \$100.00 per 1000.....	1 50	10 00

The following Early Flowering Varieties in Imported Stock Ready Early in October.

Officialis (Mutabilis) Alba. Blush white..	\$1.50 per doz.;	\$10.00 per 100
Officialis (Mutabilis) Rosea. Soft pink....	1.50 per doz.;	10.00 per 100
Officialis Rubra, Crimson	1.25 per doz.;	8.00 per 100

Tenuifolia flore plena (Fern-leaved). Double crimson	2.00 per doz.;	15.00 per 100
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Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above is intended for the trade only.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--VALLEY--CARNATIONS--BEAUTIES

Cattleyas=White Dendrobiums=Yellow Oncidiums=Gardenias

CURRENT PRICE LIST.

American Beauties	
	Per Doz.
Specials, 48-60 in.....	\$3.00
30 to 36 in.....	2.50
24 in.....	\$1.50 to 2.00
Short.....per 100, \$4.00, \$8.00, \$10.00	

Mrs. Chas. Russell	
36-40 in., per 100.....	\$15.00
30 in., ".....	12.00
20-24 in., ".....	10.00
18-20 in., ".....	8.00
15-16 in., ".....	6.00
Short, ".....	\$2.00, \$3.00, \$4.00

Hoosier Beauty		Per 100
HADLEY	}	Long...\$8.00 to \$10.00
OPHELIA		Med.... 4.00 to 6.00
SUNBURST		Short... 3.00
BRILLIANT		
FRANCIS SCOTT KEY		6.00 to 12.00

MILADY	}	Per 100
RICHMOND		Extra long.....\$8.00
BULGARIA		Long..... 6.00
AARON WARD		Medium..\$4.00 to 5.00
KILLARNEY		Short..... \$2.00 to 3.00
WHITE KILLARNEY		
KILLARNEY QUEEN		
CECILE BRUNNER, also called Sweetheart		
Roses		per 100, \$2.00

MISCELLANEOUS

Golden Glow Mums.....per doz.,	\$1.50 to \$2.50
October Frost.....	1.50 to 2.50
Asters, short and medium.....	Per 100 2.00 to \$3.00
Fancy.....	4.00
Daisies, Shasta	1.00
Gladioli.....	3.00 to 4.00
Gaillardias.....	.75 to 1.00
Smilax.....doz.	\$2.00
Plumosus and Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, per 1000.....	\$1.25 .20
Leucothoe.....	.75
Mexican Ivy.....per 1000,	\$6.00 .75
Ferns, new crop.....per 1000,	1.50 .20

ORCHIDS		Per 100
Cattleyas.....	\$7.50 to \$	
White Dendrobiums.....	6.00 to	
Yellow Oncidiums	per 100,	

GARDENIAS

Per doz	\$2.00 to \$
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EASTER LILIES

Per 100	\$8.00 to \$1
Per Doz.	

LILY OF THE VALLEY

Fancy, per 100.....	\$
2nd	\$3.00 to

CARNATIONS

All colors, per 100.....	\$2.00 to \$
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WILD SMILAX

Per case..	\$
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Flowers for Trimming

Assorted lots.....	\$1.00 and
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Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock

FLORISTS' SUPPLIES

Special on Cycas Leaves

Just what you want for base work in designs and wreaths,
8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish.
Cycas Leaves, in assortment, 12 to 40 inch, per 100, \$7.00.

Daylite Glass Cleaner, Paints, Liquid Putty
Glazing Points, Etc., Fertilizers,
Galvanized Rose Stakes, Bamboo Stake
12 Bales Moss, - \$10.00.

Write for New Design Book (colored plates), each, 50c.

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

Grand Clean-Up Price on Rose Plants

GRAFTED, 3½-inch Stock. Per 100	OWN ROOT, 3½-inch Stock. Per 100	GRAFTED, 2½-inch Stock. Per 100
150 Bulgaria .....\$14.00	137 Bulgaria \$9.00	325 Bulgaria .....\$0.00
50 Cecile Brunner..... 14.00	65 Cecile Brunner..... 9.00	OWN ROOT, 2½-inch Stock. Per 100
		500 Bulgaria.....\$5.50

Field-Grown Carnation Plants, A1 Quality

10,000 Enchantress..... Per 100 \$5 00	Per 1000 \$45 00	2,000 Beacon..... Per 100 \$5 00	Per 1000 \$45 00
2,000 Philadelphia..... 5 00	45 00	10,000 Champion..... 5 00	45 00
500 Windsor..... 5 00	45 00	500 Gorgeous..... 5 00	45 00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS

Kentia Belmoreana

Single Plants	Each
4 inch pots, 5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.	
6 inch pots, 6 to 7 leaves, 24 in. high	1.00
6 inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
6 inch pots, 6 to 7 leaves, 32 to 34 in. high	2.00
7 inch pots, 6 to 7 leaves, 36 in. high	3.00
8 inch tubs, 6 to 7 leaves, 38 in. high	3.50
8 inch tubs, 6 to 7 leaves, 48 in. high	5.00
8 inch tubs, 6 to 7 leaves, 58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.	

Kentia Belmoreana

Made-up Plants	Each
6-in. pots 3 plants in a pot 24 in. high	\$1.50
7-in. pots 3 plants in a pot 38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.	

Kentia Forsteriana

Single Plants	Each
6 inch pots, 5 to 6 leaves, 28 to 30 in. high	1.00

6 inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants	Each
7 inch pots, 3 plants in a pot, 28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8 inch tubs, 4 plants in a tub, 50 in. high	5.00
8 inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10 inch tubs, 4 plants in a tub, 5 ft. high	8.00
12 inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12 inch tubs, 4 plants in a tub, 6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.

Phoenix Roebelenii

5 inch pots.....	\$1.00
7 inch pots, 22 in. high, 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7.00

Areca Lutescens

6 inch pots, 3 plants in a pot.....	1.00
7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Massangeana

5 inch pots.....	.75
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QUALITY PLANTS

FERNS.

Boston, Roosevelt and Whitmani

Each	100	Each
6-inch pot... \$0.50	\$45.00	10 inch pot... \$2.00 to \$2.50
7-inch pot... .75		12-inch pot... 3.00 to 3.50
8-inch pot... 1.00		

CROTONS.

Very Fine Colored Stock

4-inch pot.....	\$0.25	\$23.00
4-inch pot.....	.35	30.00
5-inch pot.....	.50	45.00
5-inch pot, strong.....	.75	70.00
6-inch pot.....	\$1.00 to	1.50

CYPERUS ALTERNIFOLIUS.

Umbrella Plant

4-inch pot.....	\$8.00 per 100
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ARAUCARIA EXCELSA

5 inch, 2 to 3 tiers.....	\$0.50
5 inch, 3 to 4 tiers.....	.60
6 inch, 4 tiers.....	.75
7 inch, 4 to 5 tiers.....	1.00
7 inch, 5 tiers.....	1.50

ARAUCARIA ROBUSTA COMPACTA

6 inch, 2 to 3 tiers.....	\$1.00
7 inch, 3 tiers.....	1.50
7 inch, 3 to 4 tiers.....	2.00
9 inch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock

4-inch pot.....	\$0.35	\$30.00
5-inch pot.....	.50	45.00
6-inch pot.....	.75	

CYCLAMEN. Best German Strain.

3-inch pot.....	\$ 8.00 per 100
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SMILAX

2¼-inch pot	\$2.50 per 100; \$23.00 per 1000
3 inch pot.....	4.00 per 100; 40.00 per 1000

CALADIUMS, Fancy Leaved.

5 and 6 in. pots.....	.25c, 35c, 50c, 75c and \$1.00 each
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ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

BEGONIA VERNON

In bloom.....	4-inch, 10c each; \$10.00 per 100
---------------	-----------------------------------

CHRYSANTHEMUMS

NOW READY—Extra large Yellow Golden Glow, very fancy, \$2.00 per doz.
 Good medium Yellow Golden Glow, \$1.50 per dozen; Good medium
 White, \$1.50 per dozen. Small Yellow Sprays, per bunch, 50 cents.

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$2.50 to \$3.00
24-30 in. stems.....		2.00
15-20 in. stems, New Beauties.....	1.00 to	1.50
Shorter lengths.....	per 100,	\$3.00 to \$6.00
Russell		Per 100
Specials.....		\$12.00
Extra long.....		\$8.00 to 10.00
Good medium.....		6.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Sawyer		Per 100
Special.....		\$8.00
Long.....		6.00
Medium.....	4.00 to	5.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00
Medium.....	\$4.00 to	5.00
Short.....		3.00
Cecile Brunner	per bunch,	25c

CARNATIONS.

Pink, White, Red (indoor).....	2.00 to	\$3.00
Choice EASTER LILIES	\$1.00 per doz.	6.00
LILY OF THE VALLEY	4.00 to	5.00
ASPARGUS SPRAYS and SPRENGERI		2.00 to 3.00
FERNS , new Wisconsin.....	1000,	\$1.50
GALAX , brooze and green.....	per 1000,	\$1.00

ROSES in lots of 300 or more at the rate of \$20.00 per 1000

CHRYSANTHEMUMS —Yellow, large.....	\$2.00 to \$3.00	per dozen
White, medium.....	1.50 to 2.00	per dozen
Small Yellow in sprays, per bunch.....	50 cents	

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
 CENTRAL 1457.
 AUTO., 47-314.

OFFICE and STORE,

131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

HOT WEATHER AFFECTS TRADE.

This city has experienced some unusually warm weather this week and the temperature Sunday, Monday and Tuesday, September 13-14-15 reached the unseasonable figure of 85 to 90 degrees. Straw hats were again seen on the streets and nearly all the bathing beaches in the city were open so the enthusiasts who bravely bore the chilly blasts of July and August had a chance to enjoy the tardy summer. While stock has suffered somewhat on account of the hot weather there is quite a lot of good stock reaching the market especially roses which are plentiful. American Beauty roses are arriving in good condition but are none too plentiful and have advanced slightly in prices during the past week. Mrs. Chas. Russell roses are in good supply but are selling well considering the general market conditions. Some fine Ophelia and Sunburst are arriving now and the same holds good for Killarney which in many instances is showing unusually fine color. Carnations are seen in larger numbers and fancy stock is in good demand. Chrysanthemums have suffered considerably from the warm weather but at that there is plenty of stock to go around. Golden Glow, Smith's Advance, Early Frost, October Frost and Chrysolora are the varieties offered but the latter are none too plentiful. Asters, gladioli, dahlias and other outdoor stock is still



WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO



WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

plentiful but is not selling any too well. Lily of the valley is in better supply and the same holds good for gardenias and orchids. Taken all in all there is plenty of stock of all kinds to go around at this writing but a few brisk days would find the market pretty well cleaned up. The weather at this writing, Wednesday, September 15, is much cooler and the weather man says that the thermometer will register 65 degrees soon, where it rightfully belongs in mid-September.

NOTES.

James G. Hancock, wife and daughters Franc, Belle and Miriam have returned from California, where they at-

CUT FLOWERS

Everything Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.

ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
 30 East Randolph Street, CHICAGO.

tended the San Francisco convention, and report having had a most delightful time.

The Briggs Floral Co., 228 West Madison street, will open a new store at 801 Sheridan road, where H. F. Halle was formerly located.

PETER REINBERG

30 East Randolph St., **CHICAGO** LONG DISTANCE PHONE CENTRAL 2846.

BIG SUPPLY

Sunburst and White Killarney Roses

Plenty for everyone, so send your order here. Also a splendid supply of Mrs. Chas. Russell roses.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$.50 to 75

Richmond.....		
Killarney.....	Per 100	
White Killarney ...	Extra select.....	\$7 00
Killarney Brilliant	Select.....	6 00
My Maryland.....	Medium.....	5 00
Sunburst.....	Short.....	\$3 00 to 4 00
Milady.....		
Ophella.....		

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short	50

ROSES, our selection..... \$3.00

Asters.....	\$ 1 00 to \$ 3 00
Carnations.....	1.00 to 3.00
Chrysanthemums, yellow, doz., \$2.00 to	3.00
Harrisil.....	10 00 to 12 50
Gladiol.....	4 00 to 6 00
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000	\$.2 00 25

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

	ROSES	Per 100
Mrs. Chas. Russell—		
Good	\$4.00	\$6.00 \$8.00
Mrs. Chas. Russell—		
Extra Fancy.....	\$10.00 to	\$12.00
Ophella, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—		
Long	\$5.00 to \$6.00	per 100
Medium.....	3.00 to \$4.00	per 100
Short.....	2.00	per 100
New Crop Carnations...	\$2.00	per 100

Order here and get satisfaction

Ed. Siebrecht, well known to the trade locally as well as in other cities, having been connected with several representative florist establishments in the country, and himself of a widely known family of florists, will embark in business for himself and will open an attractive flower shop at 6972 North Clark street, September 25, under the name of The Rosery Florist. Special fixtures have been designed for the establishment by Buchbinder Bros., 518 Milwaukee avenue, with a view to artistic decoration and up-to-date ser-

vice befitting an excellent location. Ed. has many friends both in and out of the trade who wish him the fullest measure of success. The George Wittbold Co. has had a busy week in its retail department, the demand being principally for funeral work and a visit to the establishment shows that Fred Nelson and his force of assistants are using outdoor flowers in this class of work to good advantage, with splendid results. August Poehlmann's two sons, Roland and Earl, left this week to re-

sume their studies at school. Roland is finishing his last year at the Western Military Academy at Alton and Earl is attending school at Urbana. Adolph Poehlmann's son Walter is also attending school at Urbana and so is H. W. Bruns' son, Henry. Mr. and Mrs. Benjamin Levy, 6016 Princeton avenue, announce the engagement of their daughter, Alta, to Samuel F. Bloom, son of Mr. and Mrs. S. Bloom, 6134 Vernon avenue, who is engaged in the retail florist business at 822 East Sixty-third street.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO

BEAUTIES-ROSES-CARNATIONS

Poehlmann Bros. Co.'s supply department advertised a special sale on cypas leaves, quoting prices on both the dull and glossy finish, just to find out which kind was in best demand. So far the sales are running about even, but it seems that some florists prefer the dull finish on short leaves for wreaths and base work, which probably is due to the fact that they have a more natural appearance.

Victor Young has resigned his position as manager of the George Wittbold Co.'s North Clark street store and will be with Ronsley the Florist, 106 South Dearborn street, on and after Monday, October 4. Mr. Young will leave for the east in a few days to visit the leading retail stores in the principal cities, returning in time to look after his interest at the Ronsley store at the specified date.

The Raedlein Basket Co.'s establishment on Milwaukee avenue is being remodeled and when the alterations are completed their salesrooms will present a much better appearance. Mrs. A. Kindler and son, Curtis, who have been spending the summer at their cottage on Long Lake, have returned from their vacation and are again attending to their duties at the store.

At Zech & Mann's store chrysanthemums are arriving in larger quantities but Golden Glow is the only variety that has been offered this season up to this writing. Allie Zech says that the demand for Mrs. Chas. Russell roses has been unusually good this week and that his firm has had no trouble whatever in disposing of all the stock that it had to offer.

Hoerber Bros. are receiving a nice supply of roses from their greenhouses at Des Plaines, especially Killarney, which is now in good crop. Fred Hoerber says that business is showing a gradual improvement and from the looks of their newly painted wholesale store one can instantly see the proprietors are fully prepared to handle the fall business.

Miss Nettie Parker has returned from a delightful visit in California and is again attending to her duties as secretary at the A. T. Pyfer & Co. wholesale store. She parted company with Miss M. C. Gunterberg at Los Angeles, Calif., where she will visit with friends and relatives a few more weeks.

The Chicago Flower Growers' Association's lease on the store now occupied at 176 North Michigan avenue, does not expire until May 1, 1916. The proprietors are undecided whether they will remain where they are after that date or move into new quarters on North Wabash avenue.

Henry M. Hirsch is again doing the buying in the local market for Zalinger & Hirsch, after having been quarantined at his home for over a month with scarlet fever. Zalinger & Hirsch operate the store in the rotunda of the Insurance Exchange building at 175 West Jackson boulevard.

Peter Reinberg and his large range of greenhouses received a complimentary illustrated write-up in the September 6 issue of the Illinois Staats-

KILLARNEY BRILLIANT

Fancy stock at \$3.00 to \$8.00 per 100.

	Per 100		Per 100
Russell . . .	\$4.00 to \$15.00	Killarney . . .	\$2.00 to \$8.00
Milady . . .	4.00 to 10.00	White Killarney	2.00 to 8.00
Ophelia . . .	3.00 to 8.00	Cecile Brunner, bunch,	35c ea.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Zeitung, one of the leading local German dailies. Mr. Reinberg left this week for the Wisconsin wilds on a hunting and fishing trip.

The John Kruchten Co. has added a plant department to its ever growing wholesale business, which is in charge of Miss Agatha Greeley. Miss Greeley has had considerable experience in this line and is bound to make a success of the venture from the start.

Wietor Bros. are in good crop with American Beauty roses which are in good demand at the store and clean up quickly each day. Field grown carnation plants are also in good demand and new orders are arriving each day.

A. L. Vaughan & Co., are handling large quantities of asters in addition to their regular line and the demand for them has been fairly good this week. This firm is showing a good supply of American Beauty roses.

Percy Jones' wholesale store presents a most inviting appearance since it has been re-decorated and Manager Van Gelder and his able force of assistants are now making a strong bid for their share of the fall business.

Theodore Vogel and wife have returned from Minneapolis, Minn., where he has been employed for some time and will remain here if he can find a suitable position in one of the local retail establishments.

N. P. Miller and wife celebrated their thirtieth wedding anniversary, Wednesday, September 15. Mr. Miller is the senior member of the wholesale firm of Miller & Musser, doing business at 179 North Wabash avenue.

Wm. H. Robertson, formerly with the McCray Refrigerator Co., is now in business for himself, which he is conducting under the firm name of Wm. H. Robertson & Co., 20 East Jackson boulevard.

Bassett & Washburn report business as good, especially in the shipping line. This firm is cutting heavily in chrysanthemums as well as roses and both items are cleaning up well at the store each day.

J. A. Budlong has had a brisk demand for Double White Killarney

roses all during the summer months and at times the call was so heavy that it was impossible to fill all the orders.

George Perdikas says that his retail trade dropped off considerably during the hot spell, but that business as a whole so far during September was quite good compared with last year.

W. A. Kennedy, of C. C. Pollworth Co., and wife, Milwaukee, Wis., stopped off here September 9 on their way home from San Francisco, Calif., where they attended the S. A. F. convention.

A. T. Pyfer says that indoor carnations have improved wonderfully in quality the past week and that fancy long stemmed stock is in good demand at A. T. Pyfer & Co.'s store.

Henry Dunn and wife have returned from a pleasant visit with relatives at Boston, Mass., and he is again attending to his duties at Wm. F. Schofield's North State street store.

William Tricker, well known water lily specialist, Arlington, N. J., has been visiting his son, W. E. Tricker, at Western Springs, for nearly a week.

Elsie Schnapp has returned from the west where she has been engaged in the retail business for some time and will remain here permanently.

Edw. Kirsch recently opened a new cigar store in the Schiller building. Nearly everyone in the wholesale market knows B' & Bey Eddie.

Gust. P. Constantino, proprietor of the Chicago Floral House, 41 West Randolph street, has been on the sick list for over a week.

H. F. Halle has moved from his old stand at 801 Sheridan road to new quarters at Broadway and Lawrence avenue.

Wm. D. Rettig, South Bend, Ind., bought a new greenhouse boiler while he was in the city this week.

I. N. Stuart and wife are expected home this week from an automobile trip to Montreal, Can.

T. E. Waters will celebrate his fortieth birthday next Sunday, September 19.

A new florist store will be opened in the Sherman Hotel in the near future.

You Can Get What You Need Here In Cut Flowers

BEAUTIES==ROSES==ASTERS==GLADIOLI
LILIES=VALLEY=ORCHIDS=CARNATIONS

Green Goods are always handled
in Large Quantities at Our Store

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES:

Central 2571
2572
Auto. 48-734

Chicago

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

Martin Goerger, with Goerger Bros., Arlington Heights, received word from his brother and partner Albert that he is still alive and is now serving in the German Crown Prince's army near Verdun. Mr. Goerger says that both Goerger Bros. and Elmer Sigwalt's range had several lights of glass broken during the heavy wind storm last week.

Vaughan's Seed Store city employes and friends to the number of about 50 held their annual picnic at the senior member of the firm's Homewood farm, September 12. J. C. Vaughan and Leonard H. Vaughan helped with the details and everyone thoroughly enjoyed a very pleasant day in the country.

The A. L. Randall Co. is moving a part of its office nearer to the cut flower department, which makes it much more convenient for Eric Johnson and his able force of assistants to transact business.

Anthon Then, who recently returned from California, has only one regret, namely, that he can not connect Shasta Springs with his home water tap.

Erne & Klingel are showing a good supply of asters and gladioli at their store, which are moving well, considering the general market conditions.

Secretary John J. Esler, of the Florists' Hail Association, visited this city last week, returning from the San Francisco convention.

Sam Seligman, representing Wertheimer Bros., New York, is still calling on the trade and reports business as good.

Guy French is attending the Wisconsin state fair at Milwaukee this week.

Visitors: E. Valdejo and wife, New Orleans, La.; Mrs. M. E. Irby, Mrs. Turbiville and Master Richard Turbiville, Memphis, Tenn.

ORDER NOW!

ASSORTMENT

25

Small Cut Flower Baskets
Including Liners

\$7.50

Just the styles you need for your fall and winter trade. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.



BUFFALO, N. Y.—The Kenmore Floral Co. has been incorporated with a capital stock of \$10,000. The directors are Wm. G. Tyler, C. W. Donoghue and W. Smith.

LITTLE ROCK, ARK.—Work on remodeling the building at 604-606 Main street, which will be occupied by Paul M. Palez, florist, has been started and the building will probably be ready for occupancy October 15.

JOLIET, ILL.—Clarence Sterling, superintendent of Oakwood cemetery, is erecting a range of greenhouses which will cover 10,000 square feet of ground and cost \$20,000. The main house is 22 by 142 feet and the adjoining houses 22 by 125 feet. A modern flower shop and office is being planned to be erected at Cass and Walnut streets. Mr. Sterling has been superintendent of the cemetery for the past 14 years and will continue in that position.

LARGE YELLOW 'MUMS-BEAUTIES

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

VALLEY--HARRISII--ASTERS--besides

ANYTHING AND EVERYTHING
THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Chicago Florists' Club.

The monthly meeting of the Chicago Florists' Club was held at the Hotel Bismarck, Thursday, September 9, when Emil Ehrhardt and Gus. Stege, Park Ridge; Paul Weiss, Maywood; Frank Schramm, Crystal Lake, and J. A. Young, Moosehart, were elected to membership, and the applications of Otto Amling, Herbert A. Amling and Ernest C. Amling, Maywood, and August A. Traeger, Bellville, were read.

Michael Fink, chairman of the good-of-the-club committee, made his final report on the last annual picnic, held at Morton Grove, July 25, stating that there was a balance of \$19.70 to be turned in to the treasury. The report was accepted and the committee discharged with a vote of thanks.

E. F. Kurowski reported that the committee appointed to solicit donations for the fund spent in entertaining the visiting florists to the San Francisco convention of the S. A. F. and O. H., in this city August 12, received \$135, and that the unused portion, amounting to 40 per cent, had been returned to the contributors.

N. P. Miller spoke of the Chicago Grand Floral Festival, to be held at the Coliseum November 9-14, stating that all the preliminary premium lists had been mailed and that anyone who has not received a copy may obtain same from him upon request at 179 North Wabash avenue.

A communication was received from Chas. Loveridge, Peoria, thanking the club for electing him an honorary life member and wishing the organization and the Horticultural Society every success for a banner fall show.

C. W. Johnson, president of the Illinois State Florists' Association, informed the members that the executive board meeting of the society, held at Peoria, August 31, was one of the most successful ever held, and the annual convention will be held in Moline next March.

Wm. Tricker, Arlington, N. J., was a visitor and gave an interesting talk on water lilies, stating that they were a factor in the New York market in winter, and that sooner or later he expected this would prove true of the great central market. He has grown water lilies for over a quarter of a century, and one of his best varieties, which is an ever-blooming one, was named after the late Mrs. Woodrow Wilson. He has a new one which he calls Panama-Pacific that appears to

be equally as good, and of which more will be heard in the near future.

President Keimel gave a lengthy talk on his trip to the S. A. F. convention and the wonders of the Panama-Pacific exposition, which was so interesting that the club gave him a rising vote of thanks.

Vaughan's Seed Store had a splendid exhibit of Kaiserine Augusta Victoria, Delice and Holsetra dahlias and a vase of Buddleia Veitchiana, commonly called summer lilacs.

The club decided to hold the amalgamation banquet at the next regular meeting, Thursday, October 7, and all members in good standing will receive a free ticket by mail.

St. Louis.

BUSINESS AT A STANDSTILL.

The weather the past week and at this time of writing, is hot and sultry and trade, with the exception of funeral work, has been at a complete standstill. This is a very trying time for the wholesalers, stock arriving very soft and unsalable, and even with forced down prices, is hard to move. Roses of all kinds are plentiful as well as short and medium American Beauty. Asters of good quality are plentiful and prices low.

NOTES.

The regular meeting of the florists' club took place September 9 at Weber's Nursery, about 60 members being present. Officers were installed, speeches made and refreshments served. A general vote of thanks was given for the hospitality afforded the members. E. Guntty and A. S. Cerny applied for membership and Fred Frow and Tom Carr were elected as members. The next meeting will be held at Jules Bourdett's greenhouses and residence.

E. H. Pieper has increased his business and now has two ladies and three men engaged on various decorations. His partner, L. Hirt, formerly with the late August Schuermann, has just returned from Marion, Ill., where he built floats for the Labor day parade. This gentleman, together with Mr. Pieper, will enter into a general decorative business in all lines.

Wm. A. Seeger of the Mullanphy Florists, and wife, left September 12 for an extended visit through the south. They will visit his sister in Hulseburg, Miss., and from there will go through New Orleans, Mobile, Gulfport, Birmingham, Ala., and Chatta-

nooga, Tenn. They expect to be gone about 15 days.

Mrs. Fannie Zell worked a new game on several of the local florists in an endeavor to show her neighbors how popular she was. She ordered flowers by telephone for herself with the cards of prominent men attached and charged to them.

Saturday, September 11, was the last Saturday of early closings. All wholesale houses will now be open until six p. m., but will close up Sundays entirely.

It is rumored that the downtown branch of the Mullanphy Florists will move a few doors west to more commodious quarters.

Wilfred Beneke, son of J. Beneke, was hurt in an automobile collision September 11. It is hoped it will not prove serious.

Walter Young's auto caught fire and was badly damaged while he was visiting greenhouses being erected in the country.

Joe Sink, of Milwaukee, Wis., was a visitor to this and other cities, enjoying a two months' trip.

The second outing of the park department took place at Sim's grove, September 11.

Miss Meinhart has returned from the coast and now attends the market.

Alex Siegel has returned looking fine, but says it is too warm to work. W. F.

Tri-City Florists' Club.

The monthly meeting of the Tri-City Florists' Club was held at the Deere conservatories, with A. Anderson and C. Sorensen as hosts. A stroll over the private grounds adjoining the Deere and Butterworth homes proved an interesting feature of the day. President Bills called the meeting to order, and Wm. Knees, member of the committee on a pleasure trip to the caves at Maquoketa, reported the trip a success and all attending as well pleased; nine autos filled with florists and their wives made the trip.

Ex-president John Staack, committeeman to Peoria August 31, reported he was well received by the president and executive committee of the Illinois State Florists' Association, and that the next state meeting and flower show would be held at Moline, March 7-8.

A committee was appointed to formulate a plan and see what is best

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS
160 N. Wabash Ave., Chicago
Long Distance Phone: Randolph 6784

MILLER & MUSSER

Wholesale Florists
179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**
Telephone: Randolph 2758
Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale
Florists' Supplies
Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.
162 N. Wabash Av., CHICAGO



to be done, and report at the October meeting. Ex-president Staack to be chairman and three additional members from Moline, three from Rock Island, three from Davenport and one from Bettendorf. The following committee was appointed:

From Moline—J. Staack, chairman; Wm. Knees, Jr., A. Anderson, W. C. Wilson.

From Rock Island—L. Stapp, H. Gaethje, Ed. Patten.
From Davenport—H. Bills, C. O. E. Boehm, H. Pauli.

From Bettendorf—Wm. Goos.
The club by a rising vote expressed their thanks to Ex-president John Staack for his efforts in its behalf in securing the state meet for Moline. After enjoying lunch and refreshments, a vote of thanks was extended to the hosts of the evening and the meeting adjourned to meet October 14, at Turner hall, Rock Island, Ill.
WM. GOOS, Sec'y.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.
174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$3 00
" " 36-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
" Mrs. Chas. Russell....	1 00@ 2 50
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Asters.....	1 00@ 4 00
Carnations.....	1 00@ 3 00
Cattleyas.....per doz., 4 00@ 6 00	
Gardenias.....per doz., 3 00@ 4 00	
Chrysanthemums.....per doz., \$1.50 to \$3.00	
Gladioli.....	2 00@ 8 00
Lilium Harrlaii.....	10 00@12 50
Valley.....	4 00@ 5 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	1 50@2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000, 5 00@6 00	
Plumosa Stringa.....each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sorengeri, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
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FIELD GROWN CARNATION PLANTS

PINK		PINK		WHITE		RED					
100	1000	100	1000	100	1000	100	1000				
Alice.....	\$15.00	\$140.00	Dorothy Gordon.....	\$7.00	\$60.00	Matchless.....	\$8.00	\$70.00	Champion.....	\$8.00	\$70.00
Mrs. C. E. Akehurst..	12.00	100.00	Georgeous.....	7.00	60.00	Enchantress.....	7.00	55.00	Beacon.....	7.50	60.00
Mrs. C. W. Ward.....	7.00	55.00	Philadelphia.....	7.00	65.00	Perfection.....	7.00	55.00	Victory.....	7.00	50.00
R. P. Enchantress....	6.00	50.00	Ruth.....	7.00	55.00	White Wonder.....	7.50	60.00	Comfort.....	6.00	45.00
L. P. Enchantress....	6.00	50.00				Alma Ward.....	7.00	50.00	Commodore.....	7.00	50.00
Enchantress Supreme	8.00	70.00									

The above varieties we have in large quantity. We have never offered the trade better plants than we have this year. Let us figure on your requirements. We guarantee satisfaction.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SEPTEMBER BUSINESS OPENS LIGHT.

The first week of September opened very quietly, the business being very light, but there is a great abundance of flowers. Asters are seen in quantity, much of the stock coming from New York state, and the quality is fine. New crop roses are being pushed on the market a little too fast, the demand being so light they accumulate and are offered at extremely low prices. The newer sorts promise to be in good supply the coming season. Ophelia, Hadley and Hoosier Beauty are coming in from a number of growers. Ophelia is very promising, but pops open very soon in the hot weather, an almost record breaking spell of which we have been experiencing the past week.

Dahlias are now in full swing; they should be a paying crop, as they have never been seen of such good quality and in greater variety. Carnations are being offered, very good stock for the season, but the asters now have the call. Easter lilies, high grade stock, about hold their own, the demand being limited. Gladioli are still seen in quantity; they are useful but prices rule very low. Golden Glow is still the only chrysanthemum, and even with the field to itself, does not meet with ready sale, although the flowers are fine.

NOTES.

If on Wednesday, September 8 you were tagged at H. F. Michell Co., Inc., and wore one of the green Michell diamonds, you were all right for passage on their special train to their seed farms and trial ground at Andalusia. It was a merry crowd, something over 1,200 strong, mostly men, but there were quite a number of ladies along. The grounds were beautiful in their wealth of bloom. Large stretches of canvas dotted the extensive lawn, on which was served a substantial lunch. There were games, or other contests, various races and other events for the amusement of the guests. After the athletic events there was speaking by Robert Craig, Walter Fancourt, E. Berlet and Maurice Fuld. Mr. Craig spoke feelingly of the late Mr. Lonsdale and his great work in the advancement of horticulture. Mr. Fancourt spoke in the same strain. Mr. Fuld predicted a great future for the House of Michell which treated its employes so well that they seldom left, but spent all their time in boosting the business, which is growing faster than any house in the same line in this country. There was a display of cut flowers of all the plants in bloom at the time. These were very nicely arranged in the large packing shed. There is no question that this business is growing fast; additional acreage has been added and new ranges of glass erected since the last public inspection. Everything about the place is up-to-date and all laid out with the idea of future expansion.

The September meeting of the florists' club was fairly well attended. The feature was the travelogue of Robert Pyle, president of the Conard & Jones Co., West Grove, Pa. The celebrated climate was described as a

Wholesale Flower Markets

BOSTON, Sept. 15.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney..	2 50@ 5 00	
" Double White Killarney...	1 00@ 6 00	
" Killarney Brilliant.....	1 00@ 8 00	
" Hadley.....	1 00@10 00	
" Cardinal.....	1 00@12 00	
" Mock.....	1 00@ 8 00	
" Mrs. Chas. Russell.....	1 00@12 00	
" Sunburst.....	1 00@ 8 00	
" Taft.....	1 00@ 8 00	
" Milady.....	1 00@ 8 00	
" Ward and Hillingdon	1 00@ 6 00	
" My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	50 @ 1 00	
select.....	1 50 @ 2 00	

BUFFALO, Sept. 15.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " fancy.....	15 00@20 00	
" " extra.....	10 00@12 00	
" " No. 1.....	6 00@10 00	
" " No. 2.....	2 00@ 3 00	
" Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 7 00	
" My Maryland.....	3 00@ 6 00	
" Killarney Queen.....	3 00@ 4 00	
" Richmond.....	3 00@ 6 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	2 00@ 4 00	
" Taft.....	3 00@ 6 00	
" Ophelia.....	4 00@ 8 00	
" Mock.....	3 00@ 6 00	
" Francis Scott Key.....	4 00@ 8 00	
" Sawyer.....	3 00@ 7 00	
Lily of the Valley.....	4 00	
Lilica.....	6 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 1 50	
Snapdragons.....	1 00@ 2 00	
Peas (outdoor)..... bunch.	5c@10c	
Gladioli.....	1 00@ 2 00	
Asters.....	40 @ 1 50	
Asparagus Sprengeri... 35 @ 50		
Ferns..... per 1000.	2 50	
Smilax.....	15 00	

CINCINNATI, Sept. 15.		Per 100
Roses, Beauty.....per doz.	\$0 75@3.00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Richmond.....	2 00@ 6 00	
" Taft.....	2 00@ 6 00	
Lilium Giganteum.....	4 00@ 8 00	
Asparagus Plumosa.....per bch., 25c		
Gladiolus.....	1 00@ 2 00	
Asters.....	1 00@ 2 00	
Dahlias.....	1 00@ 3 00	

Sr. LOUIS, Sept. 15.		Per 100
Roses, Beauty, medium.....	8 00@15 00	
" " short stems.....	4 00@ 6 00	
" Killarney.....	2 00@ 5 00	
" White Killarney.....	2 00@ 4 00	
" Aaron Ward.....	2 00@ 4 00	
" Sunburst.....	2 00@ 5 00	
" Ophelia.....	3 00@ 5 00	
" Radiance.....	2 00@ 5 00	
Valley.....	3 00@ 4 00	
Carnations.....	1 00	
Orchids.....	50 00	
Asparagus Sprengeri.....per bu., 25@50		
Asparagus Plumosa.....per bu., 25@60		
Harrisii.....	8 00	
Sweet Peas.....	20 @ 40	
Gladioli.....	2 00@ 3 00	
Ferns per 1000.	1 50	

trifle erratic, there being cold winds and sand storms and a great difference between the day and night temperatures, but as a whole he found the country delightful. The exhibitions at San Francisco and San Diego were very wonderful, as was the flora of the country. Mr. Pyle's description of the trip was delightful and very complete, and a great treat to those fortunate enough to be present. The officers of the club for the past year

Patrick Welch

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Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
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Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

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were all renominated for election at the October meeting. Preparations for the national flower show were reported by Adolph Farenwald to be progressing favorably. The plan now is to do everything possible to get the general public interested, as the success of the exhibition depends so largely on a record breaking attendance.

John Burton in giving reminiscences of Edwin Lonsdale, stated that when young men together, he told "Ned" that he had made up his mind to go to Australia, where he had a relative who was doing well; in fact, had purchased his steamer ticket. Ned said, "Why I am going to the states, why don't you come with me?" In a jocular way, I said, "for a sixpence I would." Instantly he plunged his hand into his pocket and pulling out

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1000 Pips, \$15.00
2500 " 35.00

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\$7.95 Case of
500 Pips

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NEW YORK

New York.

HOT WEATHER BRINGS DULL MARKET.

The business of the past week was very slow. As previously noted, there was a great exodus from the city for Labor day, and the intense heat of the remainder of the week kept everybody away that could stay away. The Jewish New Year, which was observed September 9, and its attending celebrations, were expected to make some business for the florists, but partly on account of the hot weather, it did not amount to much. In any event, the Jews seem to be better sellers than buyers. The weather has had a bad effect on roses, much open stock arriving. There is yet a great volume of asters arriving, also gladioli, while the supply of dahlias, carnations and chrysanthemums is on the increase. The demand for dahlias, carnations and chrysanthemums is negligible, and will be while so many good asters are about, and the asters are a better hot weather stock than any of the others. The supply of cattleya orchids is increasing with a downward tendency in prices. Very fair gardenias, for the season, are on the market, but they are very hard to move. There is movement in lilies and lily of the valley, but an ample supply is arriving and prices vary. To briefly sum up: there will be no good business in this market until much colder weather, say a "swinging" big frost, arrives, so it's useless to worry.

NOTES.

Since they started to turn Sing Sing prison into an amusement resort, murder, robbery and other crimes seem to be on the increase in this state. Isaac S. Hendrickson, manager of the wholesale department of John Lewis Childs, Inc., Floral Park, N. Y., recently removed his residence from Floral Park to Flowerfield. The Childs establishment at Flowerfield also embraces the post office of the district and it has been customary for the Childs safe to house the post office valuables. On Mr. Hendrickson's arrival at Flowerfield he took advantage of the protection (?) of the Childs safe for his household silver, a collection of rare coins and Mrs. Hendrickson's jewelry. At the same time enterprising burglars, planned and successfully carried out the robbery of the safe. They probably figured on the postage stamps and small change and were doubtless agreeably surprised when Mr. Hendrickson's collection come into their hands. At this writing no trace of the robbers has been found.

Richard Vincent, Jr., president of the American Dahlia Society, visited this city September 9. Though it was a blistering hot day, he presided at a meeting of the society at 11 a. m., visited Bronx park in the afternoon, and later held a conference with John Young and Secretary Lane at the former's office, relating to the approaching dahlia show, which will open at the American Museum of Natural History, September 24 and continue three days. John Young will manage the show, which is a good word for it at the start. President Vincent and Secretary Lane will be on hand to render valuable assistance. After President Vincent had completed his labors in connection with the show, he entertained a party of friends at a dinner

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its Best Growers

at Moquin's and took the train for Baltimore the same evening, which was a good day's work, but consider what a lusty young fellow he is.

The visiting botanists who were in attendance at the New York botanical garden celebration during the week ending September 11, visited the Brooklyn botanic garden on the latter date. They inspected the garden, had luncheon, and later went to the salt marshes near Merrick, Long Island. The delegates had a strenuous week, the weather being very warm. They visited Staten Island and several points in New Jersey on trips of botanical research. A number of papers were read by leading botanists. A number of women were in the delegation, noteworthy being Dr. Susan P. Nichols of Oberlin, O., and Mrs. A. Vincent Osmun, of the Massachusetts Agricultural College, Amherst.

E. J. Hession, 984 Madison avenue, who already had a fine store and conservatory, concluded to improve it this season. To give the workmen full scope, the business was temporarily removed to a vacant store, next door. The improvements will soon be completed and it is safe to say that it will be the finest store of the conservatory type, in this city. The roof was stripped of glass and the brick walls were built much higher and the roof re-glazed. Very elaborate show windows are being placed and the basement enlarged and concreted for a work and store room. The interior decorations will be very fine.

A. N. Pierson of Cromwell, Conn., was in this city September 11. Mr. Pierson stated to the writer that his son, Wallace R. Pierson, who, it will be remembered, recently underwent a severe operation in a San Francisco hospital, is now rapidly recovering and is on his way home, traveling by easy stages, so to speak. He is stopping at various points of interest to take short rests, thus avoiding the fatigue of a continuous journey.

A peculiar accident happened on board the steamer Ryndam, in port from Rotterdam, Holland, September 9. Two of the crew, sent below to work at unloading bulbs, were overcome by carbonic acid gas generated in the bulbs, and were dead when hoisted to the deck. A fireman who went down in an attempt to rescue them, though he wore a respirator, had a narrow escape.

Guttman & Raynor, Inc., are receiving the new orchid shade seedling chrysanthemum from Frank Dinda, of Farmingdale, which is extraordinarily fine for this time of the year, selling at \$5 per dozen, also new seedling carnation, Olive Whitman, which is now producing excellent flowers.

Frank Traendly and his interesting family are now back in their Brooklyn home, after spending the summer at the farm, Rowayton, Conn. Mr. Traendly has had a severe attack of hay fever, but his friends comforted



John Young & Co.

Wholesale Commission Florists

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Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

him by the assurance that nobody ever died from it.

News has been received by J. K. Allen, that Mrs. Wm. Krider, who as Miss Mona G. Smedley before her marriage, was his bookkeeper for over seven years, died in Philadelphia, September 11. As Miss Smedley, she was well known and popular in the wholesale district.

Mrs. Marie Sophie Merian, wife of A. N. Merian, a well known landscape gardener, formerly superintendent of the Virginia estate of Thomas F. Ryan, died at her home in Rye, N. Y., September 7, in her 57th year. She was a native of Basle, Switzerland.

Leo Klein and wife, visited Philadelphia September 12, to attend a wedding. They also visited several of the leading attractions of the Quaker City.

William Iler, manager for E. C. Horan, has just returned from Lake Mohawk, N. Y., where he spent a happy vacation with his family.

Andrew Scott, buyer for Alexander McConnell, has gone to the Adirondack mountains, with Mrs. Scott, for an extended vacation.

The Kervan Company, dealers in greens at 119 West 28th street, have just put on a new motor truck of 25 horse power.

George Hildenbrand, of John Young & Co., is now taking his vacation

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All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

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Wholesale Florist

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NEW YORK CITY

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since Mr. Young is again actively on the job.

William Kessler, who took an auto trip to the country on Labor day, says that the aster farms are flourishing.

In addition to roses, J. K. Allen is handling a large stock of lily of the valley, asters and dahlias.

William C. Gloeckner, of Albany, was in this city August 8, visiting the wholesale district.

Eddie Gottlieb, of Jos. J. Levy's staff, is going about with his face wreathed in smiles—boy.

Geo. C. Siebrecht, 109 W. 28th street, is receiving very good gardenias for the season.

A. F. F.

New York Florists' Club.

The first meeting of the New York Florists' Club, since the summer vacation, was held on the night of September 13, with a good attendance, President Bunyard in the chair. The feature of the meeting was the lecture of Mrs. B. Hammond Tracy, of Wrentham, Mass., on the gladioli. The lecture was beautifully illustrated by lantern slides and at the close Mrs. Tracy received an ovation. The flower show committee made a detailed report concerning arrangements made with the Horticultural Society of New York, relating to the holding of a spring exhibition. A contract has been made with the company that controls the Grand Central Palace for the use of that building, the show to open April 5. The former method of individual guarantees was dispensed with, the club agreeing to the proposition of the horticultural society that each organization guarantee \$5,000 against any possible loss. The committee was given power to continue the work of preparation for the exhibition.

There were a number of very meritorious exhibits of flowers. Arthur Cowee, Berlin, N. Y., exhibited gladioli, as did T. A. Havemeyer, Glen Head, N. Y. Chas. H. Totty, Madison, N. J., exhibited a fine new rose, named Gorgeous. P. W. Popp, Mamaroneck, N. Y., made a fine display of gladioli, largely of recent introduction; also a display of giant singles of fine size and color. Frank Dinda, Farmingdale, N. Y., exhibited a fine yellow seedling chrysanthemum. The Knight & Struck Co., Flushing, N. Y., exhibited giant cosmos.

Chairman Kessler and Myer Othille, of the house committee, were on hand and active in serving the eats.

A. F. F.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

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Wholesale Flower Markets

NEW YORK, Sept. 15.	Per 100
Rosea, Beauty, special.....	15 00@20 00
" " extra and fancy.....	8 00@10 00
" " No. 1 and No. 2.....	3 00@ 4 00
" Alice Stanley.....	1 00@ 5 00
" Prince d'Areberg, special.....	4 00@ 5 00
" Francis Scott Key, special.....	5 00@ 6 00
" Mrs. Geo. Shawyer, special.....	4 00@ 5 00
" " " extra.....	3 00@ 4 00
" " " No.1 & No.2.....	50 @ 1 00
" White Killarney, special.....	5 00
" Killarney, My Maryland.....	4 00@ 5 00
" " special.....	75 @ 2 00
" " No. 1 and No. 2.....	1 00@ 5 00
" " Queen.....	1 00@ 5 00
" " Brilliant.....	1 00@ 5 00
" Aaron Ward.....	1 00@ 5 00
" Richmond.....	1 00@ 4 00
" Sunburst.....	1 00@ 5 00
" Taft.....	1 00@ 5 00
" Milady.....	1 00@ 4 00
" J. L. Mock.....	1 00@ 5 00
" Hadley.....	1 00@ 8 00
" Ophelia.....	1 00@ 5 00
" Mrs. Chas. Russell.....	1 00@ 8 00
" Hoosier Beauty.....	1 00@ 5 00
Cattleya Orchids, special.....	30 00
" inferior grades.....	15 00@25 00
Oncidiums.....	1 00
Lilaea, Longiflorum and Harrisii.....	3 00@ 4 00
Lily of the Valley.....	1 30@ 2 50
Asters.....	25 @ 1 00
Dahlias.....	1 00@ 1 50
Carnations.....	35 @ 75
Tuberose.....per doz., 25c@30c	
Bouvardias.....	75 @ 1 00
Adiantum Croweanum and Hybridum.....	1 00@ 1 50
Asparagus Plumosa.....doz. bcha.	1 00@ 2 00
Smilax.....doz. strings.	75 @ 1 00
Gladiolus.....per doz., 10c@15c	

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Los Angeles.

CLUB MEETING.

The monthly meeting of the Los Angeles County Horticultural Society was held September 7. The speaker scheduled for the evening, Jacob Dieterich, not being present, the chair called on different members of the society to describe what they saw and heard at San Francisco during the S. A. F. convention. Among those who responded were J. D. Merivether, James MacGillivray, Alexander Day, James Grant and James Taylor, the latter having made notes of many of the horticultural features of the exposition and his descriptions were very interesting. He spoke with particular emphasis on the wall of mesembryanthemum, which he described as nearly one mile long, 15 feet high and about two feet thick. The planting of trees and shrubs around the buildings produced a good effect and the bedding of Begonia semperflorens, pansies, hydrangeas, etc., made a good show, and the gladioli were described as excellent, the dahlias fine but the roses poor, the speaker being disappointed in the award of the \$1,000 prize for the best variety of rose. He complimented the exhibit of C. C. Morse & Co., of sweet peas, annuals and perennials; also the exhibit of a Dutch firm of tuberous begonias planted out in beds. In conclusion the speaker remarked that the general view of the exposition from a floral standpoint was excellent. Mr. Taylor was given loud applause for his thoughtfulness in keeping note of these items and taking the place of the appointed speaker.

The form letter sent out by the National Association of Gardeners was read. On motion by Mr. Grant and seconded by Mr. Felgate, the same was adopted as read. Secretary was instructed to communicate with them, stating the action taken by this society. W. W. Felgate, of Sierra Madre, displayed a splendid showing of giant zinnias. If more of the members would bring in a little exhibit of their own growing, as does Mr. Felgate, it would add greatly to the interest of the society. J. D. Merivether made a motion which was promptly seconded, that a note of thanks be spread on the minutes, thanking Mr. Felgate for his splendid showings.

The chair appointed Dr. A. D. Houghton as the speaker for the next meeting, his subject to be on begonias. There being no further business before the society, the meeting stood adjourned. After the meeting the committee on the smoker, composed of Jas. M. Grant, chairman; Jacob Dieterich, W. W. Felgate, Jas. MacGillivray and Hal S. Kruckeberg, held a short meeting and resolved to hold a smoker every three months at a different cafe. The date for the first smoker was set for Saturday evening, October 9, at 7 o'clock, at Fred Harlow's cafe, each member attending to pay his share of the expense. Tickets will be on sale at the next meeting, Tuesday, October 5.

NOTES.

Benjamin Chase, the grand old man from Derry, N. H., who is nationally known as the "Plant Stake and Label Man", called during the week. Mr. Chase always takes in the conventions of the nurserymen and always calls at this office when in this locality. He attended all three conventions at San Francisco and also spent two or three days at the exposition. After spending a few days in Los Angeles, calling on the trade here, he went to San Diego to remain there with his daughter until November 1.

Paul G. Staiger is showing some fine specimen plants and lots of them, of

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20x 4x3, Teles. Cov.....	\$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3 1/2, 2-in. Cov.....	2 25
30x 5x3 1/2 " "	2 50
21x 8x4 " "	2 65
24x 8x4 " "	2 90
28x 8x4 " "	3 25
28x 8x5 " "	3 75
36x 8x5, Teles. Cov.....	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope.....	7 50
Palm Green Untinted.....	9 00
36x12x6, Telescope.....	9 00

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kentia and Cocos plumosa palms; also leptospermum and coprosma. He is building two new greenhouses 16x30 feet at the salesyards on Washington street. The purpose of these new additions is to allow the ferns and plants dug at the nursery to get established before marketing.

Albert V. Amet, general manager of the Mountain View Nurseries, Santa Monica, states that business is fair considering the season of the year. He has leased more land in the same district, where he will grow flowers for his cut flower trade. He is looking forward to a big business during the coming fall and winter.

Frank Lewin, of Hawthorn, states that his rose gardens are in a condition far beyond expectation for this season of the year. The blooms that he will pick this fall will surprise any rose grower. The buds he believes will be equal to or better than those produced in Europe.

T. D. Robertson, proprietor of the Robertson Nurseries of Fullerton, has been moving his nursery and glass houses across the street. He is rebuilding his glass and promises to have one of the finest small establishments in southern California.

C. H. Corbrey, formerly with the Germain Seed and Plant Company, has severed his connection and opened a business of his own, under the firm name of C. H. Corbrey Seed and Plant Co., with officers in the Chamber of Commerce building.

James MacGillivray, foreman of Eastlake park, feels very proud over the success he has attained in growing, and the blooms he has produced of Victoria regia. Hundreds have been attracted by the blooms and frequent the park often to watch them.

Theo. Payne's planting of California native plants at Exposition park are looking fine. All are showing remarkable growth for the time they have been in, and will in time be one of the places of interest to all horticulturists.

HAL S. KRUCKEBERG.

Providence, R. I.

DEMAND IS IMPROVING.

Asters are still coming in as good now as ever. There are some extra fine varieties, but the wholesale price on all stock is very low. Gladioli have jumped up in price, as the market on this flower is shortening up. Funeral work still holds up well, and the cut flower trade is slowly increasing. There are several large weddings scheduled for this month, and with the funeral work, every one seems to have plenty to do. Carnations are starting to come in, and while the

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stems are short, the flowers are very good. There are a few chrysanthemums, but they have really no call as yet.

NOTES.

While years ago cibotium ferns were very little used in decorative work, the past year they are being used by almost every one. At one time none were seen in the florist shop windows, but now nearly all of the florists have them on display. While the demand for this plant is very poor, they are worth their keep and for an advertising feature they cannot be beaten, as they certainly attract the passerby to your window.

Howard Almy, of Simmonsville, is to return to the south again after the cold weather sets in, and his greenhouses will be handled by Jess Taghini, who had them last year.

There are plenty of good Boston sword ferns seen here this year, and the call for them is very good, one florist handling over 300 of them in a month's time.

The J. A. Budlong & Son Co. are growing the Mignon rose this year and they are good.

F. Macrea has been cutting a bountiful first crop of Pink Killarney roses.

H. A. T.

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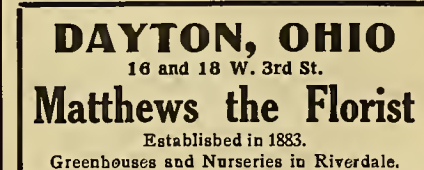
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Bramley & Son, Cleveland, O.
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Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
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Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
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Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyles, H. N. Pearl St., Albany, N. Y.
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Freeman, Mrs. J. B., Toledo, O.
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Friedman, Chicago.
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Furrow & Co., Oklahoma City, Okla.
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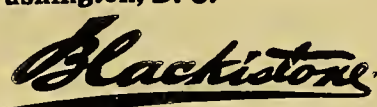
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- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
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- Cincinnati, O.—Harmsley & Co.
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SMITH'S REVISED Chrysanthemum Manual

The best work on Chrysanthemum culture for the florist. Treats the subject in a concise manner, covering the whole work from care of stock to staging blooms. Price, 50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

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Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

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Summer Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt.....\$10.00 per 1000
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For Prices and List of

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Wholesale Grower to the Trade.

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Field-Grown Carnation Plants

Fine, Healthy Stock at Cleanup Prices.

White Perfection.....	\$4.00 per 100; \$35.00 per 1000
Victory.....	4.00 per 100; 35.00 per 1000

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PRIMROSES

	Per 100
Chinese and Malacoides, 2¼ in. pot. \$2.00	
Forbesii, Obc. Alba, Rosea and	
Ruby, 2¼ in. pot.....	1.50
Obc. Gigantea, 2¼ in. pot.....	2.00
Cineraria Hyb. Grandiflora.....	2.00
Asp. Plumosus, 2¼ in. pot, \$18.00	
per 1000.....	2.00
Asp. Sprengeri, seedling, \$7.00	
per 1000.....	1.00
Vinca Var., field plants.....	5.00
Pansy Plants, giant flowering,	
\$2.50 per 1000.	

—CASH—

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OHIO.

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

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440 S. Dearborn St., CHICAGO

Some Excellent Stock In Abundance

Liberal extras for early orders

Size of pots.	100	1000
2¼-in. Asparagus Plumosus.....	\$2.50	\$22.50
3 -in. Asparagus Plumosus.....	5.00	45.00
4 -in. Asparagus Plumosus, 1½ ge pots.....	7.50	70.00
2½-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2½-in. Begonia Chatelaine.....	6.00	55.00
3 -in. Begonia Chatelaine.....	10.00	95.00
2½-in. Begonia Erfordi and Luminosa.....	4.00	38.00
3 -in. Begonia Erfordi and Luminosa.....	7.50	70.00
2¼-in. Primula Obconicas. Fancy		
mixed or separate colors.....	2.50	22.50
2¼-in. Chinese Primrose. Choice m'x'd.....	3.00	25.00
2¼-in. Cinerarias. Assorted.....	2.35	20.00
2½-in. Smilax.....	2.50	22.50
2¼-in. Cyclamen. Eight varieties.....	6.00	55.00
3 -in. Cyclamen. Eight varieties.....	8.00	75.00
10,000 Ferns — From bench: Boston, Scottii, Elegantissima, Piersoni, etc., \$12.50, \$15.00 and \$20.00 per 100.		

Field-Grown Violet Plants. Princess of Wales
Gov. Herrick, Marie Louise and Lady Camp-
bell; fine stock. \$5.00 per 100, \$45.00 per 1000.

2¼-in. Violet Plants—Marie Louise and Lady
Campbell, \$3.00 per 100, \$25.00 per 1000.

3-in. pot plants. \$4.00 per 100, \$35.00 per 1000.

Send your orders today. Correspondence
solicited.

ALONZO J. BRYAN

Wholesale Florist, WASHINGTON, N. J.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

J. C. VAUGHAN, Chicago, left for New York September 15.

LESTER L. MORSE is spending his vacation at Bradley Springs, Calif.

BEANS in central Michigan were further hurt by heavy rains during the week ending September 11.

COMPLAINTS of underpaid postage on foreign letters mailed in the United States are constantly reaching the authorities.

CHICAGO.—Prices for grass seed on the Board of Trade September 15 were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

It is reported that Japanese jobbers of *Lilium giganteum* bulbs in Japan are trying to bull the market, claiming a 20 per cent shortage.

CHARLES JOHNSON, Mariette, Pa., American agent of Denaiffe & Son, hereafter will be located at 1095 Virginia street, Berkeley, Calif.

LOS ANGELES, CALIF.—The Aggeler & Musser Seed Co., of this city, have received a gold medal for an exhibit of seeds at the San Diego exposition.

VISITED CHICAGO: R. M. Eldrige, of the Rudy-Patrick Seed Co., Kansas City, Mo.; L. D. Langworthy, of the F. B. Mills Seed Co., Washington, Ia.

THE Dutch firm of E. H. Krelage & Son is offering its new daffodil Mrs. Ernst H. Krelage, white trumpet, at the modest war price of \$162.50 each. Why the extra 50 cents?

ONION SETS in the Chicago district are standing in crates in the field. There has been considerable heat as well as strong dry wind, with occasional driving rain storms.

LAWRENCE COY, of the C. Herbert Coy Seed Co., Valley, Neb., and Miss Margaret McCoid, of Lincoln, Neb., who were married September 10, are spending their honeymoon in the east.

KELWAY & SON, of Langport, Somerset, Eng., have issued a roll of honor which includes the names of 33 members of their staff who have joined the colors since the outbreak of the war.

AMSTERDAM, HOLLAND, September 15.—Cable advices are to the effect that eight St. Remy, France, seed growers have been convicted of disposing of their seeds to Germans through Swiss channels.

As a sample of Idaho crops of white clover seed it is reported that one grower harvested from 16 1-5 acres 275 bushels of fancy seed for which he received \$5,900. This was in the Twin Falls district.

It is the opinion of well posted seedsmen that potatoes will be one of the very short items this year. The unseasonable frost August 26, was especially hard on this crop, hitting most northern potato districts.

PAPER WHITE NARCISSUS are so scarce in Holland that Dutch growers are offering their sorts Elvira and Ashasia as substitutes, while American jobbers, who recklessly oversold, are hunting their holes.

Two men, it is alleged, lost their lives on the S. S. Ryndam, of the Holland-American line, at New York, September 9, through gas generated from a cargo of bulbs. The men were George Trossit, a steward and William Deusholm, a coal passer.

STURGEON BAY, WIS.—The Door County Seed Co. has moved from the Hay building to their new warehouse on lower St. John street. They have storage room in bins for 6,000 bushels of peas, besides room for much more in bags. The new crop will soon be coming in, when this will be a very lively place. The seed will all be hand picked here this winter.

It is suggested that American dealers in seeds and nursery stock furnish the American consulate at Pekin, China, with a number of catalogues, as they often receive inquiries from residents in this country for American seed and nursery catalogues. The climate of Pekin is dry and cold in the winter and damp and hot in the summer, with a temperature ranging between zero and 100 degrees Fahrenheit.

WASHINGTON, IA.—The Mills Seed Co. proposes an extension to its creditors of two years under the trusteeship of two local men. It is understood that money borrowed for continued operation of said business is to be repaid out of the first receipts and assets of said business before payment of any claims now existing. General ratification by all the creditors is of course necessary to put the deal through.

French Bulbs.

French bulbs have held a practically even price in growing districts the whole season and those who advertised them at demoralization prices have had troubles of their own in making two-third deliveries or less. Those who talk about a break in prices at this date must be misinformed as to the uses of Paper White narcissus, dates at which they are wanted, or both, as well as of actual conditions in France.

Johnson Seed Co's Affairs.

James J. O'Brien, receiver for the Johnson Seed Co., bankrupt, at Philadelphia, Pa., says: "The sale of the stock and fixtures of the bankrupt, which was recently held, realized the sum of \$2,400 and that the only other assets I can find are book accounts of which about \$1,000 are collectable. The debts are upwards of \$20,000, including a claim for rent scheduled at

\$4,000. There is little likelihood of the creditors receiving much of a dividend."

Colorado Vine Seeds.

Rocky Ford, August 30.—The vine seed crops here are about two weeks late. The setting of fruit is not as heavy as a year ago, excess rains at this point interfering with the progress of the crop. A fair crop will doubtless be harvested if we have a good September. The vine seed crops farther north are late and backward. No possible show for a big crop this year in these lines. R.

Allan's Peas and Beans.

Sheboygan, Wis.—The John H. Allan Seed Co. advises as follows, September 7: "The writer visited one section last week where we have about 1,500 acres of beans, which were damaged by frost, blight and rust fully 75 per cent. This was quite largely by frost. We hope we have no other section suffering to equal extent, but from all sources where we are growing beans we hear of damage by some or all of the above named causes, and our advice to all our customers is that they should use great caution when selling beans and not make sales until they know something of probable deliveries. The loss on peas also this year has been very great on account of the rain, but we are hoping to make good general deliveries on peas."

Clover Seed of Poor Quality.

Since July 15, 1915, twenty-six lots of crimson clover seed have been imported. In three of these lots, containing enough seed to sow over 2,850 acres, there was no seed that could be expected to grow under field conditions. The seed in five other lots, aggregating enough to sow 8,600 acres, germinated only from 45 per cent to 55 per cent. The importation of this seed, together with 1,000,000 pounds of seed of low germination imported during May and June makes it more important than ever that farmers should know the germination of the crimson clover seed they are seeding. As the department is without power to prevent the admission of seed of low germination, unless particular attention is given to the germination of crimson clover seed this fall many crop failures are sure to result from sowing dead seed.—Department of Agriculture News-letter.

Pieters-Wheeler Seed Company

Growers of
High Grade

SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

Send For Description of
Seedling Carnation

MISS THEO

Rooted cuttings,
\$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN
North Abington, Mass.

Montreal.

The Montreal Horticultural Society held its exhibition September 8-9 in the Winter Club hall, which in winter is used as a skating rink, has a cinder floor and therefore splendidly suited for a flower show on account of the great keeping qualities of the exhibits. The show was opened by Acting-mayor St. Pierre, with a suite of aldermen as assistants. The principal features were the big groups of flowering and foliage plants, also the asters, which must be mentioned for their excellence. Fruit was little seen compared with former years, but the vegetables were splendid.

The principal prize winners were: Macdonald College, St. Anne de Bellevue; D. Lorne McGibbon, Jos. Deltorgnio, B. B. Angus, R. Burrows, Senator Mackay, H. Schoning, A. Haigue Sims, Jos. Bennett, W. J. Wilshire, C. P. Beaubien, J. Theule, W. G. Pascoe, H. Irving, Hall & Robinson, Julius Luck, C. B. Gordon, J. Bartlett, J. Langford, Geo. Trussel, F. S. Watson, Ignace Morrand, C. D. Schnably, E. Dunn, G. Weir, T. J. Church, J. Bale and G. Dale.

Montreal has passed just through a series of horticultural exhibitions. Lachine was the first this year, followed by St. Lambert, Greenfield park, Montreal West and Verdun, which kept many of our private gardeners and florists busy judging. These suburban shows are mostly of an amateur gardener's style with but few sections for the professional, but the quality ranks very high sometimes.

Special prizes were donated by Dupuy & Ferguson, Lord & Burnham Co.; The Glass Garden Builders, the Mayor, C. B. Gordon, the William Ewing Co., the executive committee and the Montreal Floral Exchange.

J. L.

Champaign, Ill.

John E. Yeats has taken over his old greenhouse which he had leased for the past eight years to Gus Johnson, who filed a petition of voluntary bankruptcy June 1. He already has a new greenhouse with store and garage well on the way to completion on the old site. This, with the new addition he is going to build at his country place, will give him 60,000 square feet of glass. His country place is almost entirely planted with his new rose, Mrs. Sarah Yeats, which will be on exhibition at Chicago Grand Floral Festival, November 9-14. E. C. P.

Newport, R. I.

The Newport Horticultural Society and the Newport Garden Association will hold a dahlia exhibition at the Garden Association's grounds, Old Beach road, September 23-24. Both organizations have offered a list of prizes for competition. The show will be free to the public. J. J. B.

LILY OF THE VALLEY PIPS

Fx Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

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FLORISTS appreciate the importance of seeds and bulbs which may be depended upon; most florists have experienced the disappointment and loss incident to poor quality.

THORBURN'S BULBS

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
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Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
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James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDESBORO, N. J.**

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Mention the American Florist when writing

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

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Wholesale Seed Growers

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Special quotations on application.

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EUCALYPTUS

and Acacia Seeds

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THE G. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

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THE J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Winter Flowering **SWEET PEAS** Spencer Types

Our expert California seed growers have spent much time "rogueing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

NOVELTY YARRAWA

The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long, stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., ¼ oz., 50c.

ROSE QUEEN

A Christmas flower, rose pink Spencer, a popular Indianapolis novelty. Our seed grown and saved from originator's stock. Oz., \$10; ¼ oz., \$2.50

SELMA SWENSON

A beautiful clear light soft pink, waved petals, strong grower and good forcer, originated by Mr. August Swenson, and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; ¼ oz., \$2.50.

	Oz.	¼ oz.	Tr. pkt.	Oz.	½ oz.	Tr. pkt.
Anita Wehrman. Clear lavender.....	\$8.00	\$4.00	\$2.00	Orchid Beauty. Dark rose blushed with orange,	\$2.00	\$0.50
Mrs. A. A. Skaatch. Bright shell pink.....	1.75		.50	Pres. Woodrow Wilson. Magenta rose.....	2.00	.50
Mrs. J. Manda. Light shell pink.....	2.00		.50	Rose Queen. Rose pink.....	10.00	\$5.00
Mrs. Woodrow Wilson. Appleblossom pink..	2.00		.50	Venus. White pink wings.....	2.00	.50
Pink and White.....	lb., \$15.00	1.50	.50			

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz., 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., **Chicago**

We still have some

Winter Flowering Orchid Sweet Pea Seed

Pink and White Orchid; White Orchid; Orchid Beauty dark rose; Mrs. A. A. Skaatch, best shell pink; Red Orchid; ¼ oz., 75c; ½ oz., \$1.00; 1 oz., \$1.75, and many others. We have all the best commercial Summer Spencers. Ask for List.

Anton C. Zvolanek,
LOMPOC, CALIF.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,
Branches Michigan,
Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
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Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

SPECIAL SALE OF Asplenium Nidus Avis (Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

4-in. pans.....	\$ 4.00 per doz.
5-in. pans.....	6.00 per doz.
6-in. pans.....	12.00 per doz.
7-in. pans.....	15.00 per doz.
8-in. pans.....	24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.
Fernish Ferns in flats and 2¼-inch pots a Specialty.

H. PLATH, THE FERNERIES,
Lawrence and Winnipeg Aves.,
SAN FRANCISCO, CALIF.

Mention the American Florist when writing

Pansy Seedlings

Our mixed Pansy seedlings produce giant flowers of excellent quality, all colors with many light flowered sorts (pastel shades).

Also strong seedlings of
Coreopsis Grandiflora, Aquilegia (Columbine),
Bellis Perennis (English Daisy), Hardy Pinks,
Forget-Me-Not, Sweet Williams, Wall Flowers,
Canterbury Bells and Foxgloves, 35c per 100,
\$2.45 per 1000, \$10.00 per 5000.

WILLIAM RILEY
TORRESDALE, PA.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
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Bale (225 lbs.) lots or less.

Write for prices and terms.

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A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins.
Poincivine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c;
5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c;
5-in., 25c each.
Rex Begonia, 2½-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.
Cash with order.
GEO. M. EMMANS, Newton, N.J.
Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Grauite bldg., Rochester, N. Y., Secretary,
Forty-first annual convention will be held
at Milwaukee, Wis., June, 1916

TEAS' weeping mulberry is one of the short items and high worked stock should find ready sale.

THE department stores are finding some shortage of penny grades of catalpa and similar stock.

WE are in receipt of the proceedings of the fortieth annual convention of the American Association of Nurserymen, held at Detroit, Mich., June 23-25, 1915.

EUREKA, CALIF.—C. W. Ward has purchased additional ground adjoining his present nurseries and has completed plans for the erection of two additional houses.

D. S. LAKE, the veteran nurseryman of Shenandoah, Ia., says the nursery business is likely to continue dull for the next two or three years on account of over-production in the west and northwest.

RECENT bulletins issued by the New York agricultural experiment station, Geneva, include "The Blooming Season of Hardy Fruits," "Dwarf Apples," and "Ripening Dates and Length of Season for Hardy Fruits."

MOBILE, ALA.—D. B. Hill, president of the D. Hill Nursery Co., Inc., of Dundee, Ill., has purchased large acreage near this city, which he will use for nursery purposes. He will build a handsome residence on the property.

VISIT CHICAGO: C. B. Knickman, of McHutchison & Co., New York; Henry B. Chase, Chase, Ala.; Fletcher Bohlender, of Peter Bohlender & Sons, Tippecanoe City, O., enroute to his Iowa reservation of apple stocks.

SACRAMENTO, CALIF.—To more effectively wage war upon the scale, which is attacking olive, orange and other fruit trees in this section, the state horticultural commission is importing from Italy a new variety of ladybird (*Chilocorus bi-pustulatus*), one believed to have a voracious appetite and to breed rapidly.

Landscape Gardening Short Course.

To meet the needs of ambitious young men who would like to gain an elementary knowledge of landscape gardening, but who cannot afford or spare time for a regular college course, Edward J. Canning, Northampton, Mass., a practical landscape architect, and for 19 years instructor in horticulture and practical landscape gardening at Smith College, Northampton, Mass.; also for a time instructor in plant materials at Massachusetts Agricultural College, Amherst, has arranged a fall and winter course in practical landscape gardening and the study of plant materials. The course will be divided into two terms of six weeks each, the first term beginning November 9 and ending December 23, 1915, and the second term beginning January 4 and ending February 17, 1916.

The course will include a critical study of trees, shrubs, evergreens, vines and herbaceous plants, with lectures, laboratory work and observation trips. The cost of the course, including room, board and tuition, is \$180.

Nursery Catalogue Development.

Business pulling catalogues are an important factor in the successful nurseryman's business, and it is doubtful if any line of trade offers opportunity for more attractive illustration and presentation of its products than the nursery business, with the result that marked advance has been made in the development of artistic as well as sales stimulating catalogues for this branch of trade in the past few years.

Lithography, the process formerly in general use for the production of illustrations in colors, whereby in order to present a colored print of an apple or basket of fruit, it was necessary to make from seven to eleven press impressions, an impression for each color or combination, was a few years ago superseded, as far as high class horticultural printing is concerned, by the method known as color process printing. In this mode of reproduction the ornamental subjects are first photographed, and in many instances the artist's brush brings out some of the detail that may have been lost in the negative, while in the lithographic process, all of the design was made by the artist as nearly true to nature as was possible for the eye and hand to make it, but the majority of horticultural lithographs are far from being true to the subject.

In color process printing, when the negative is completed a photograph is given to the engraver, who makes four halftone copper plates, each one to print a different color. One plate is to print black, one for yellow, another for red and the fourth for blue. The colors used are opaque, and the combination of these four makes the red, green, yellow, brown, pink, black, blue, purple, and through these direct colors several lighter tints are also produced, only four operations of the press being required for a natural portrayal of the subject.

Located in Rochester, N. Y., the "Flower City," famous for its many beautiful parks and splendid horticultural institutions, the Gillies Lithographing and Printing Co., one of the pioneers in the method of process printing, is making a specialty of catalogues for the nursery trade. In fact, being so well equipped for the work mechanically, aside from the advantage of being able to secure near at hand photographs of the best horticultural subjects in great variety, this company is publishing an 80-page stock catalogue for nurserymen. Each edition is printed separately, thus allowing the addition of personal introduction pages, original illustrations and firm name at the top of each page.

An attractive cover, illustrated in two colors, gives the whole an air of individuality.

American Crabapples.

Several of the American crabapples are now in bloom. Those of the eastern states produce large, pink, very fragrant flowers which do not open until the leaves are partly grown, and depressed-globose, fragrant, greenish yellow fruits covered with a sticky exudation. The earliest to flower, *Malus glaucescens*, may be seen in the Peter's Hill group. It is a native of western New York and of Ontario, and is a treelike shrub or small tree distinguished from the other northern species by the pale lower surface of the leaves and the hairy covering on the outer surface of the calyx of the flower. The best known of the northern species, *M. coronaria*, flowers a little later and can be seen in the old collection on Forest Hills road opposite the end of the Meadow road. Here also are *M. ioensis* from the Mississippi valley and its double-flowered variety known as the Bechtel crab. The double pink flowers of this tree look like roses, and when it is in bloom excite the interest and admiration of visitors to the Arboretum. In the old collection, too, are plants of *M. fusca*, the only wild apple tree in the Pacific states, and a plant of *M. Dawsoniana*, a hybrid between *M. fusca* and the common apple which appeared many years ago in the Arboretum. The crabapple to which the southern forests owe so much of their spring beauty, *M. angustifolia*, fortunately has proved hardy in the Arboretum, and there are large specimens on Centre Street walk in the rear of the hickories and in the Peter's Hill apple group. It is the latest of the American species to flower, and the flowers are of a rather deeper pink than those of the other American species. In the Peter's Hill collection may be seen several plants of *M. Soulardi*, a tree which occurs occasionally over large areas in the Mississippi valley and is believed to be a natural hybrid between *M. ioensis* and the common cultivated apple.—Arnold Arboretum Bulletin.

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New York Market.....Oz., \$7.00; 1/8 oz., \$1.00; Trade pkt., 50c
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Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, September 14.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, cases, 15 to 25 cents; radishes, \$1.00 to \$1.50 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 35 to 50 cents; tomatoes, 4 baskets, 25 to 50 cents.

New York, September 14.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, 50 cents to \$1.00 per basket; mushrooms, 50 cents to \$1.50 per 4-pound basket; tomatoes, 20 cents to 75 cents per package; radishes, per 100 bunches, \$1.50 to \$2.00; lettuce, per 2 dozen crate, 30 cents to \$1.00; rhubarb, per 100 bunches, 75 cents to \$1.25.

Market Gardener Grows Flowers.

A Michigan market gardener in a recent letter says: "This year I tried out cut flowers as a side line with good results. There appears to be an opening here that can be made a good thing. When people in country towns need flowers for funerals they will buy and pay from \$2.50 up, but they can not afford that for the table, so I made up bunches of flowers that I thought would sell for 10 cents and tried it out. People with yards full of flowers do not like to cut them, but will buy instead, and even the cashier of the bank wants them in the front window. Altogether I am very much pleased with this year's start."

Fall Cucumbers.

There is a growing demand for nice slicing cucumbers in the fall months, in fact, we believe this demand to be stronger than for greenhouse tomatoes at that time of year. Immediately when the outdoor crop of cucumbers fails, the indoor crop should be ready to take its place. This is especially important, as it is so much easier to get a crop earlier in the season than late, when the dreary weather sets in. We believe the single stem method of culture is preferable to the trellis at this time, as we can compel the plants to produce their crop in a shorter time, hence gaining the house for lettuce when the bad weather makes future culture of cucumbers unprofitable.

To those who are new to the cucumber crop, we would say that probably the controlling factor is temperature. They are exceedingly sensitive to cold nights, hence the heating plant must be in good shape and ready for instant help. Under no circumstances should the temperature be permitted to drop below 60 degrees and 65 degrees would be better. Another advice at this time of year is to close all doors and repair all glass; allow no holes for the yellow melon bug to enter the houses. By carrying air only on the ridge vents, and these vents a little subdued, we can keep these bugs

out fairly well. Any stragglers appearing indoors should be hunted down at once, as they are sure to lay eggs at the roots of the plants and cause heavy losses.

We have never before seen the outdoor crop of cucumbers and pickles in poorer shape than this year, owing to the cold wet summer, and we believe there will be a good opening this fall for cucumbers under glass, and for that matter, tomatoes too.

MARKETMAN.

Truck Crops Report.

The bureau of crop estimates of the United States department of agriculture has received from a special list of truck crop growers in 18 states, reports based on 100 as representing normal relating to conditions of certain crops on August 15. A summary of the tabulation of these replies follows: Cabbages, production, 94 per cent; cantaloupes, condition, 70 per cent; onions, production, 86 per cent; tomatoes, condition, 77 per cent; watermelons, condition, 69 per cent.

The condition of onions for the state of New York was reported August 15 as being 70 per cent of a normal crop. About 75 per cent of the normal acreage is planted. In the state of Ohio, high winds and floods have probably reduced the acreage to about 50 per cent of that of last year, and the attacks of the onion thrips and blight have reduced the state condition on the planted acreage to 34 per cent of normal. The conditions that have so disastrously affected the onion crop in New York and Ohio have operated to a large extent in Indiana, where the condition of onions on August 15 was reported at 68 per cent, and the probable production at 61 per cent. Such reports as have been received indicate that the acreage in California, Oregon and Washington is about normal. The condition for California is reported at 89 per cent, and the probable production at 96 per cent.

Special agents of the bureau have investigated the acreage and condition of the cabbage crop in the two principal cabbage producing states, New York and Wisconsin. There has been an increase in acreage in those states of about 25 per cent, which supplemented by the promise of at least an equal increase in yield, indicates a bumper crop.

Who Gets the Difference?

Farmer William W. Cocks of Westbury, Long Island, was in Brooklyn, September 10, and he and a Brooklyn man got to talking on that old but interesting subject, namely, Who gets

the difference between what is paid the grower and what the ultimate consumer pays? Mr. Cocks said that he got a dollar a hundred for cabbages when there was any market, but now many truck farmers are plowing them under. He said he got 35 cents for large baskets of peaches, but prices got so low that some growers did not gather them. The finest potatoes brought only one dollar a barrel. It is said that never in 10 years have onions been so cheap. On the other hand a humorous "middleman" says that, "Nobody is eating this year."

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Our **HYDRANGEAS** grown for delivery to our customers this fall. 40,000 of them in 6-inch pots. You can see for yourself what they are. The foliage is rich dark green, no yellow leaves. The branches are strong and thick, promising big heads of bloom.

Here are the prices—**Otaksa**, the staple, standard, salable sort, has made more money for florists than all others put together. Plants with 7 to 10 branches, \$25.00 a 100; with 5 and 6 branches, \$20.00 a 100; with 4 branches, \$15.00 a 100.

The best of the French Novelties, **Avalanche, Bouquet Rose, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere** and **Radiant**, in the same sizes at \$5.00 a 100 more for each size.

ALL in 6-inch pots. Consider the size, the number of flowering branches, the price and the quality of the stock illustrated in this photograph taken only a few days ago. A combination of good points that ought to bring your order by return mail. How many of these fine plants do YOU want?

JACKSON & PERKINS COMPANY, Newark, New York

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Alyssum Double Giant
The cut flower variety, 2 in., \$2.00 per 100;
\$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2
in., \$2.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Parsley, double curled, \$2.50 per 1000.
Good packing—prompt shipment.
ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.
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Ft. Wayne, Ind.

SUPPLY AND DEMAND BALANCE.

The supply of flowers is just large enough to meet the demand at present. Chrysanthemums are very scarce, but there is not a considerable demand for them. Carnations are coming in in larger quantities now, most of the growers cutting them from the young stock and there are a great many medium lengths in roses on the market. Gladioli are about over, there being only a few of inferior quality on the market. Cosmos and dahlias are coming, arriving in large quantities.

NOTES.

The New Haven Floral Company experienced a heavy loss, September 10, when a high wind storm damaged their greenhouses to a considerable extent. The tornado wrecked and completely demolished several new greenhouses which were in the course of construction. Herman Leitz has not yet reported the full amount of his loss, which is believed to have been covered by insurance.

The Flick Floral Company's store has the redecorating completed, and the new cooling room installed. The large display fountain in the store has been retained for the large, showy flowers and is now making a fine appearance with the early chrysanthemums.

Edgar Wenninghoff, the Calhoun street florist, has been featuring some very pretty window decorations. He reports an increase in business during the past few weeks.

The Lanternier Florists are showing some fine Chinese asters and early chrysanthemums. They have had a considerable amount of funeral work lately.

Miss Doswell's live store on West Main street has a fine showing of all varieties of seasonable flowers well displayed in suitable baskets.

The Bradley Flower Shop is showing some good Russell roses. They are also displaying crocus bulbs for fall planting.

H. K.

Sandwich, Ont.

Every variety of seasonable flower, arranged with ferns and foliage plants, splendidly staged by the exhibitors, formed a magnificent display which completely filled the municipal building on the occasion of the Sandwich Horticultural Society's flower show which opened September 10. Prizes, many of them plants, were awarded and included in the long list of prize winners were many school children. Every visitor to the exhibition was presented with an aster, and in the voting contest for the most popular flower, which was a feature of the show, over 1,000 votes were cast. A majority of over 200 were cast for the aster, with the result that it becomes the official flower of the society, and will be engraved on its medals and stationery, and the aster at the same time becomes the official flower of Sandwich and Essex county and will in future be chosen for corsages and boutonnières. Speeches and music assisted in rounding out an excellent programme, among those assisting in the entertainment of the visitors being Harry Gignac, chairman; Mayor Donnelly, Oliver Wilcox, M. P., and Judge Dromgole.

Carter & Howe, the well-known florists of Windsor, donated prizes to the value of \$25 and Albert Carter gave an interesting talk on the subject of flower cultivation. Alex McKee offered a beautiful silver cup for the best display of flowers grown in Sandwich, among the many other valuable prizes offered.

200,000 Field-Grown Carnation Plants

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
White Perfection	\$4.00	\$35.00	Philadelphia.....	\$5.00	\$40.00
Rose Pink Enchantress,			Zoe Symonds.....	3.50	30.00
	4.50	40.00	Washington.....	6.00	50.00
Mrs. C. W. Ward.	3.50	30.00			

—Order Today—

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There were many excellent displays of baskets and designs. A beautiful floral boat designed by J. Marentette was awarded first prize and an aeroplane constructed of flowers by Master Harold McDonald was second. Miss Eleanor Cruickshank had an excellent display of eight pieces and captured first honors in the class for basket arrangements. Union Jacks were a feature in the arrangements by boys and girls, and all were very creditably done, a number of them showing fine sense of color arrangement. Mary Dibley, aged six years, had a floral flag that was quite clever.


Among others in the long list of successful contestants were the following: Mrs. E. R. North, Mrs. Joseph Sparks, Mrs. E. Breault, Mrs. O. Desrosiers, J. Stutz, Mrs. McCormick, Mrs. Geo. Harrison, Doris Zimmerman, Miss Kate Gluns, Mrs. M. Warner, Mrs. Geo. Elliott and Mrs. J. Robinet.

J. E. K.

Nassau County Horticultural Society.

The monthly meeting of the above society was held in Pembroke hall, Glen Cove, N. Y., Wednesday, September 8. President Westlake in the chair. W. Robertson, S. Trepass and J. McDonald were appointed judges and first awards were made to R. Jones for celery, J. Robinson for muskmelon and F. Hitchman for tomatoes. A specimen plant of *Nephrolepis Smithi*, exhibited by J. W. Everitt, was awarded a cultural certificate and a vase of early flowering chrysanthemums, exhibited by H. Goodbrand, was given a vote of thanks. J. Holloway was also given a vote of thanks for a fine display of outdoor fruit.

The annual dahlia show of the society will be held in Pembroke hall, October 7. Schedules may be had



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THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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upon application to Harry Jones, secretary. The exhibits for the next meeting will be three apples, three bunches outdoor grapes and six pears.
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Achillen "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

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Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

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ALYSSUM, double giant, very strong, 2-inch, \$2 per 100; \$18 per 1000. C. HUMFELD, Clay Center, Kans.

ARAUCARIAS.

Araucarias: Excelsior, 5-in., 2 to 3 tiers, 50c; 5-in., 3 to 4 tiers, 60c; 6-in., 4 tiers, 75c; 7-in., 4 to 5 tiers, \$1; 7-in., 5 tiers, \$1.50. Robusta Compacta, 6-in., 2 to 3 tiers, \$1; 7-in., 3 tiers, \$1.50; 7-in., 3 to 4 tiers, \$2; 9-in., 5 to 6 tiers, \$4 to \$5. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI, strong, 2-inch, \$1.75 per 100; \$15 per 1,000; 2 1/2-inch, \$2.75 per 100; \$25 per 1,000; 3-inch, \$4.50 per 100; 4-inch, 8c and 10c. C. HUMFELD, Clay Center, Kans.

ASPARAGUS PLUMOSUS in flats of 100 each, \$1. Extra strong 3-inch, \$4 per 100; \$35 per 1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Asparagus plumosus, 2 1/2-inch, \$2 per 100; \$18 per 1,000. Sprengeri seedlings, \$1 per 100; \$7 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch pots, \$5 per 100; 4-inch, \$12.50. HENRY SMITH, Grand Rapids, Mich.

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BEGONIA LORRAINE.

	Per 100		Per 100
2 1/2-inch.....	\$12.00	4-inch.....	\$35.00
3-inch.....	20.00	5-inch.....	50.00

BEGONIA GLORY OF CININNATI.

	Per 100		Per 100
2 1/2-inch.....	\$15.00	3 1/2-inch.....	\$30.00
3-inch.....	25.00	4 1/2-inch.....	40.00

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Begonia Vernon, in bloom, 4-inch, 10c each; \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

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Best stock obtainable in following varieties:

Cincinnati, 2 1/2-inch	\$15.00
Cincinnati, 3-inch	25.00
Florence Davenport, 2 1/4-inch.....	15.00
Mellor, 2 1/4-inch	25.00
Chatelaine, 2 1/4-inch	4.00
Erfordi, Prima Donna, Triumph.....	3.00

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BEGONIA CINCINNATI, 2 1/2-inch, \$15 per 100; 3-inch, \$25 per 100. FLORENCE DAVENPORT, 2 1/4-inch, \$15 per 100. BEGONIA MELIOR, 2 1/2-inch, \$25 per 100. CHATELAINE, 2 1/4-inch, \$4 per 100; 4-inch, \$15 per 100. ERFORDII, PRIMA DONNA, TRIUMPH, 2 1/4-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonias, Gloire de Chatelaine, Pfitzer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and pink, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Begonias. Geo. A. Kuhl, Pekin, Ill.

BERBERIS.

BERBERIS THUNBERGII. Very bushy, strong plants, 12-18-inch, \$55 per 1,000; \$6 per 100; 18-24-inch, \$70 per 1,000; \$7.50 per 100; 2-2 1/2 ft., \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.

BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.

THE D. HILL NURSERY CO., Inc. BOX 404. DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Lillium Formosum, 7-9-inch, 250 to case, \$60 per 1,000; 8-9-inch, 225 to case, \$70 per 1,000; 9-10-inch, 180 to case, \$80 per 1,000. Narcissus Paper White Grandiflora; Vaughan's Star Brand, 1,000 to case, \$11 per 1,000; fancy, 1,250 to case, \$9 per 1,000; Precocious, Vaughan's Extra Early Grandiflora, mammoth bulbs, 14 ctms. and up, \$12 per 1,000. White Roman Hyacinths, 11-12 ctms., 2,500 to case, \$21 per 1,000; 12-15 ctms., whole crop, about 1,800 to case, \$27 per 1,000. Callas, 1 1/4-1 1/2-inch, \$50 per 1,000; 1 1/2-2-inch, \$80 per 1,000; 2-2 1/2-inch, \$100 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Paper White Grandiflora, 13 up, 1,250 to case, \$8 per 1,000; 14 up, \$10 per 1,000. French Roman hyacinths, 12-15, \$23 per 1,000. Lillium Formosum, 7-9, 250 per case, \$60 per 1,000; 9-10, 180 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

BULBS.

Bulbs, Lillium Formosum, 7-9-inch, 250 to case, \$6.50 per 100; \$65 per 1,000. Lillium Candidum, mammoth bulbs, \$8 per 100; select, \$6; first size, \$5. Freesia Refracta alba, Jumbo bulbs, \$1.50 per 100; \$12 per 1,000; Mammoth, \$1.25 per 100; \$9 per 1,000. A. Henderson & Co., 369 River St., Chicago.

BIG DROP IN BULBS. Send for special prices. Darwin tulips, single and double tulips, hycinths, narcissus. Plant Darwin tulips this year outdoor for Memorial. Melrose Bulb Importing Co., Melrose, Mass.

Bulbs, Japan grown freesias and L. Formosum, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Lillium Formosum, 7-9, 250 to case, \$15.50 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CARNATIONS.

400,000 FIELD-GROWN CARNATION PLANTS, LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT. GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

	Per 1000
WHITE WONDER	\$60.00
WHITE PERFECTION	50.00
WHITE ENCHANTRESS	50.00
PINK ENCHANTRESS	50.00
BEACON	50.00
COMFORT	55.00
PHILADELPHIA	70.00

500 AT 1,000 RATE.

PITTSBURGH CUT FLOWER COMPANY. FRED BURKI, Pres. T. P. LANGHANS, Sec. W. A. CLARKE, Treasurer.

THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES. CARNATION SPECIALISTS.

WHOLESALE GROWERS.

116-118 SEVENTH ST., PITTSBURGH, PA. YOURS FOR THE ASKING—A BEAUTIFUL PICTURE—"ACRES OF GLASS."

FIELD-GROWN CARNATION PLANTS.

Fine, clean, healthy stock, which leading florists everywhere recognize as the best obtainable. Our plants are unusually fine this season and we advise placing orders early for immediate or future delivery. The demand is heavy for good stock and we fill all orders in rotation. Order today.

	Per 100	Per 1,000
Washington	\$5.00	\$45.00
White Enchantress	6.00	55.00
White Perfection	5.00	45.00
Rosette	5.00	50.00
Pink Enchantress	5.00	50.00
Philadelphia	6.00	55.00

WIETOR BROS.,

Wholesale Florists, 162 North Wabash Ave., Chicago, Ill.

FIELD-GROWN CARNATION PLANTS.

	100.	1,000.
Enchantress Supreme	\$6.00	\$50.00
Champion	6.00	50.00
Philadelphia	6.00	50.00
Reacon	6.00	50.00
White Perfection	6.00	50.00
White Wonder	6.00	50.00
Enchantress	6.00	50.00
Mrs. C. W. Ward	6.00	50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

George Petera & Sons, Hempstead, New York

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD GROWN CARNATION PLANTS
"SELECT QUALITY"

	Per 100	Per 1,000
White Enchantress	\$5.00	\$45.00
White Perfection	4.50	40.00
White Wonder	5.50	50.00
Enchantress	5.00	45.00
Ward	4.50	40.00
Princess Charming	4.50	40.00
Sangamo	4.50	40.00
Harlowarden	4.50	40.00
Victory	4.50	40.00
Rosette	4.50	40.00
Winsor	5.50	50.00

JOHN KRUCHTEN COMPANY,
162 N. Wabash Ave.,
Chicago.

FIELD GROWN CARNATION PLANTS.

	Per 100	Per 1,000
Beacon	\$6.00	\$50.00
Rose Pink	6.00	50.00
Enchantress	6.00	50.00
Philadelphia	6.00	50.00
White Perfection	6.00	50.00
White Wonder	6.00	50.00
White Enchantress	6.00	50.00

The above varieties in second size at \$4 per 100; \$35 per 1,000; 250 at 1,000 rate.

WM. MURPHY,

Wholesale Commission Florist,
329 Main St., Cincinnati, Ohio.

CARNATIONS FOR SALE.

	Per 100	Per 1,000
Philadelphia	\$5.50	\$50.00
Rose Pink	5.50	50.00
Dorothy Gordon	5.50	50.00
Beacon	5.50	50.00
Enchantress	5.50	50.00

Cash, please.

JOHN BLECHSCHMID, 4300 East 122d St.,
CLEVELAND, OHIO.

25,000 FINE FIELD-GROWN CARNATION PLANTS.

	100.	1,000.
White Wonder	\$6.00	\$50.00
Enchantress	6.00	50.00

SINNER BROS.,

158 North Wabash Ave., Chicago.

EXTRA FINE, CLEAN, HEALTHY FIELD PLANTS.

White Enchantress..\$5.00 per 100; \$45.00 per 1,000
Pink Enchantress.. 4.50 per 100; 40.00 per 1,000
White Perfection.. 4.00 per 100; 35.00 per 1,000
Rosette
Yellow Lawson.... 4.00 per 100; 35.00 per 1,000

CHICAGO FLOWER GROWERS' ASSOCIATION,
176 North Michigan Avenue, Chicago, Ill.

200,000 field-grown carnation plants. White Perfection, \$4 per 100; \$35 per 1,000; Rose Pink Enchantress, \$4.50 per 100; \$40 per 1,000; Mrs. C. W. Ward, \$3.50 per 100; \$30 per 1,000; Philadelphia, \$5 per 100; \$40 per 1,000; Zoe Symonds, \$3.50 per 100; \$30 per 1,000; Washington, \$6 per 100; \$50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Enchantress, Rose Pink Enchantress, Philadelphia and Beacon, \$5 per 100; \$45 per 1,000. White Enchantress and above varieties, good seconds, 4c. Cash please. HARRY HEINL, West Toledo, O.

FIELD-GROWN CARNATIONS PLANTS.

Extra strong, healthy stock.
Pink Enchantress, \$4 per 100; \$35 per 1,000.
ZECH & MANN, CHICAGO, ILL.

Carnations, 10,000 Enchantress, 2,000 Philadelphia, 500 Winsor, 2,000 Beacon, 10,000 Champion, 500 Gorgeous, \$5 per 100; \$45 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

FIELD-GROWN CARNATION PLANTS.

Matchless, Perfection, Winsor, Gordon.
Write for prices.
WILLIAM A. MURRAY, Atco, N. J.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

5,000 Pink Enchantress, long bushy plants at \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnations, field-grown. For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., 1201-1205 Race St., Philadelphia, Pa.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM PLANTS, double and single in pots and pans, all varieties, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS—Xmas Red, 3-inch, \$5.00 per 100.
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

COLEUS. Brilliancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$25 per 100; 4-inch, 35c each; \$30 per 100; 5-inch 50c each; \$45 per 100; 3-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN—My prize strain, Wandsbek, Zehlendorf, the best Salmons, pure white, red, white with red eye, Victoria; ready for a shift. Any of the above during September from 4-inch pots, at 15c and 20c each. Cash with order please. R. J. SOUTHERTON, Marion Road, Highland Park, Ill.

CYCLAMEN.

CYCLAMEN GIG., Wandsbek type, finest in existence, 2½-inch, \$5 per 100; \$45 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000; 4-inch, \$15 and \$20 per 100. CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties, equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM.

Wandsbek type—Finest obtainable.

	100	1,000
2½-inch	\$ 5.00	\$45.00
3 -inch	8.00	75.00
3 -inch, extra select.....	10.00	90.00
4 -inch.....	\$15.00 and \$20.00 per 100	

JOHN KRUCHTEN COMPANY,

162 North Wabash Avenue, CHICAGO, ILL.

Cyclamen, red, pink, white, salmon and white with red eye, 3-inch, 8c; 4-inch, 15c; 5-inch, 40c. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamens, 8 vars., 2½-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

CYCLAMEN, strong plants, best varieties, \$10 to \$35 per 100. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, best German strain, 3-inch pots, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

Dracena Massangeana, 5-inch pots, 75c. Poehlmann Bros. Co., Morton Grove, Ill.

FERNS.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$3 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.80 per doz.; 2½-in., \$6 per 100. Elegantissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$6 per 100. Elegantissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$8 per doz.; 2½-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3½-in., \$3 per doz. Harrill, 8-in., \$12 per doz. Superbissima, 8-in., \$12 per doz., 6-in., \$6 per doz.; 3½-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

FERNS.

Boston, 4-inch \$15.00 per 100
Boston, 5-inch 25.00 per 100
Boston, 7-inch 75c each

JOHN KRUCHTEN COMPANY,

162 North Wabash Avenue, CHICAGO, ILL.

FERNS, strong pot-grown stock that is clean and guaranteed to please. Boston and Whitmani, 5-inch, \$25 per 100; 4-inch, \$12.50 per 100; strong runners, \$2 per 100. SUPERIOR NURSERY CO., Los Angeles, Calif.

THESE ARE POT-GROWN STOCK.

4-inch Bostons...12c 7-inch Bostons...60c
5-inch Bostons...25c 8-inch Bostons...80c
6-inch Bostons...40c

R. R. DAVIS COMPANY, MORRISON, ILL.

Ferns, Boston, Roosevelt and Whitmani, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Asplenium nidus avis (Birdsnest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2½-in. a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, from bench, Boston, Scottil, Elegantissima, Pierson, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

About 2,000 dandy 4-in. BOSTON FERNS, \$10 per 100. Cash, please. Heint & Weber, 1640 Plum St., Terre Haute, Ind.

BOSTON FERNS ready for 5-inch pots, \$16 per 100. R. O. LOMMATZSCH, R. No. 1, La Grange, Ill.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.
Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 3-inch plants ready for immediate shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraoius, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perklus, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

ROSE GERANIUMS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangeas, Otaksa in field ready for 5-in. pots, 15c. French varieties, ready for 5-in. pots, 20c. Otaksa ready for 9-inch, 75c. Otaksa, pot-grown, 5-in., \$3.60 per doz. French vars., pot-grown, 5-inch, \$4.20 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Hydrangea P. G., bush, 2-3 ft., \$8 per 100; 3-4 ft., \$12 per 100. Tree shape, 3 ft., \$18 per 100. Extra fine, two-year plants, field-grown. Write for our Wholesale Trade List.

W. & T. SMITH CO., GENEVA, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HYDRANGEAS.

"A Bird in the Hand"—You know the adage. Well, a Hydrangea in America is worth several azaleas in Belgium right now. Of course, the azaleas may get out of Belgium; we don't know; conditions may change; certainly it is not possible to get anything out of Belgium at present. The war may end next week, but the chances are it won't. Are you going to take that chance? Can you afford to depend altogether on imported forcing stock? When there is plenty of good forcing stock right here at home—"Made in America"—stock that you know you can depend on?

HYDRANGEAS, for example. We offer Otaksa, with 7 to 10 branches, at \$25 the 100; 5 to 6 branches at \$20 the 100; 4 branches at \$15 the 100. FRENCH NOVELTIES, all the best ones, at \$5 the 100 addition for the same sizes. They are all in six-inch pots now, plunged outside, and growing like weeds, rich deep-green, healthy foliage and "fat" stems that promise big heads of bloom. They will grow into money for you, and you can cash 'em next Easter.

There won't be any surplus of blooming plants next spring. Stick a pin in that. We want every progressive florist to get in touch with us.

JACKSON & PERKINS COMPANY,
NEWARK, NEW YORK.

Wholesale only. Ours are "Made in America."

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5 and 6-inch pots, strong plants, \$20 and \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, from frames, ready for 6-inch pots, full of fruit and flowers, \$10 per 100; big value. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$13 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices. \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, case of 500 pips, \$7.95; 1,000 pips, \$15; 2,500 pips, \$35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Lochner & Co., Inc., 11 Warren St., New York.

Lily of the valley, cold storage, packed in cases of 1,000, \$17 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

MISCELLANEOUS.

Ageratum, Coleus, double alyssum, English ivy, heliotrope, ivy geraniums, lantanas, lemon verbenas, moonvines, parlor ivy, petunias, pompon chrysanthemums, salvia, swainsona, tradescantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Seedlings: Corsopsis Grandiflora, aquilegia, bellis perennis, hardy pinks, forget-me-nots, sweet william, wall flowers, Canterbury bells and foxglove, 35c per 100; \$2.45 per 1,000; \$10 per 5,000. William Riley, Torresdale, Pa.

Cyperus Alternifolius (umbrella plant), 4-inch, \$8 per 100. Poshlmann Bros. Co., Morton Grove, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogota (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Single Plants.		
	Leaves.	Inches high. Each.
4-inch pots,	5 to 6,	18
6-inch pots,	6 to 7,	24
6-inch pots,	6 to 7,	28 to 30.....
6-inch pots,	6 to 7,	32 to 34.....
7-inch pots,	6 to 7,	36
8-inch tubs,	6 to 7,	38
8-inch tubs,	6 to 7,	48

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.		
6-inch pots,	3 plants in a pot,	24 ins....\$ 1.50
7-inch pots,	3 plants in a pot,	38 ins.... 3.50
Specimens,	very heavy	\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.		
	Leaves.	Inches high. Each.
6-inch pots,	5 to 6,	28 to 30.... 1.00
6-inch pots,	6 to 7,	34 to 36.... 1.50
6-inch pots,	6 to 7,	38 to 42.... 2.00
6-inch pots,	6 to 7,	44 to 46.... 2.25
8-inch tubs,	6 to 7,	50 to 54.... 5.00
8-inch tubs,	6 to 7,	5 ft. 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft. 8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft. 10.00

KENTIA FORSTERIANA.

Made-Up Plants.		
7-inch pots,	3 plants in a pot,	28 to 30.. 2.00
7-inch pots,	3 plants in a pot,	36 to 38.. 2.50
7-inch tubs,	4 plants in a tub,	38 to 40.. 3.00
8-inch tubs,	4 plants in a tub,	38 to 44.. 3.50
8-inch tubs,	4 plants in a tub,	50 .. 5.00
8-inch tubs,	4 plants in a tub,	56 to 58.. 6.00
10-inch tubs,	4 plants in a tub,	5 ft. high 8.00
12-inch tubs,	4 plants in a tub,	5 to 5 1/2 ft. 10.00
12-inch tubs,	4 plants in a tub,	6 ft. high 12.00
Very strong specimens,	15-inch tubs, 5 plants,	\$15.00, \$18.00 and \$25.00.

PHOENIX ROEBELENI.

		Each.
7-inch pots,	22 lbs. high, 30 to 32-in. spread	\$2.00
7-inch pots,	26 lbs. high, 34 to 36-in. spread	2.50
8-inch tubs,	grand specimens.....	3.50
10-inch tubs,	grand specimens.....	\$5.00 to 7.00

ARECA LUTESCENS.

6-inch pots,	3 plants in a pot.....	\$1.00
7-inch pots,	3 plants in a pot.....	2.00
8-inch tubs,	5 plants in a tub.....	3.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

LATANIA PALMS and PANDANUS VEITCHII in 15-inch tubs, suitable for hotel and other decorations, at bargain prices. HENRY SMITH, Grand Rapids, Mich.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wynetia, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS from Henry Metts's seeds. All giant flowering, strong, stocky plants, ready now, \$2.50 per 1,000; \$10 per 5,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS, finest mixture out; good plants, \$1 per 100; cash please. GEORGE POPP, JR., Fort Recovery, Ohio.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos H. Cunningham, Delaware, O.

Pansy Seedlings. William Riley, Torresdale, Pa.

PANDANUS.

PANDANUS VEITCHII, 3 to 5-inch pots, 25c to 75c each. Specimen plants, 8 to 10-inch pots, \$2 to \$3 each; big value. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poshlmann Bros. Co., Morton Grove, Ill.

PEONIES.

PEONIES, 3 to 5 eyes, named kinds, \$15 per 100. Our selection, \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

Dreer's herbaceous peonies. For varieties and prices see advertisement elsewhere in this issue. Harry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Peonies. 25 acres, best varieties. Write for prices. Gilbert H. Wild, Searsville, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

CELESTIAL PEPPERS from 6-inch pots, field-grown, full of fruit and flowers, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PERENNIALS.

PERENNIAL PLANTS, large assortment, strong plants, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PHLOXES.

PHLOX, Choice Varieties, \$5 per 100. Strong clumps, field-grown. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

POINSETTIAS.

POINSETTIAS.		
Large Quantity, Choice Stock.		
2 1/2-inch	.....	1.00
2 1/2-inch, extra select	.....	\$5.00
3 -inch	.....	6.00
3 -inch	.....	50.00
3 -inch	.....	70.00

JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

POINSETTIAS. Poinsettias—4-inch, ready for shift. Well branched, \$12 per 100. Will trade for ferns, palms or begonias (Luminosa) or Rex. NUSSBAUMER FLORAL COMPANY, San Angelo, Texas.

POINSETTIA HEADQUARTERS. All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock. Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas paws, strong, healthy, well rooted, 2 1/2-inch pot plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

POINSETTIAS, strong stock, all top cuttings from 3-in. pots, \$5-100; \$45-1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Clearance sale price of strong 2 1/2-in. Poinsettias, \$4 per 100; none better anywhere. Cash, please. Heintz & Weber, 1640 Plum St., Terre Haute, Ind.

POINSETTIAS, fine 2 1/2-inch, \$5; 3-inch, \$8 per 100. Cash. JOSEPH BANCROFT & SON, (Inc.) Cedar Falls, Iowa.

Poinsettias, strong plants, 2 1/2-inch, \$5.50 per 100; 250 for \$12.50. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS, 2 1/2-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA OBCONICA. GIGANTEA AND GRANDIFLORA. 2 1/4-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch \$6.00 per 100.

JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

PRIMULA OBCONICA GRANDIFLORA and GIGANTEUM, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primroses, Chinese and Malacoides, 2 1/4-inch, \$2 per 100. Forbesii, Obconica Alba Rossa and Ruby, 2 1/4-inch, \$1.50 per 100. Ob. gigantea, 2 1/4-inch, \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULA MALACOIDES. 2 1/4-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch, \$6.00 per 100.

JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

Primula obconica, mixed or separate colors, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primrose, mixed, 2 1/4-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

PRIMULA OBCONICA. Miller's Giant, free flowering, size 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. Miller, Shiremansdown, Pa.

PRIMULA OBCONICA, splendid 3-inch stock, \$5.50 per 100. Cash. JOSEPH BANCROFT & SON, (Inc.) Cedar Falls, Iowa.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch	.....\$4.00	\$35.00
White Killarney, 2-inch	..... 4.00	35.00
Killarney Brilliant, 2-inch	..... 7.00	60.00

WETTOR BROS.,

162 North Wabash Ave., CHICAGO.

ROSES, good, strong, two-year-old, field-grown, own roots or buds, for forcing. Baby Ramblers, red, pink and white; Dorothy Perkins, White Dorothy Perkins, Hiawatha, Tausendschon, Magna Charta, etc. Write for our full list, special prices, and wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y.

Roses, Grafted 3 1/2-inch; 150 Bulgaria, \$14 per 100; 50 Cecile Brunner, \$14 per 100. 3 1/2-inch, own root; 137 Bulgaria, \$9 per 100; 65 Brunner, \$9 per 100. Grafted 2 1/2-inch; 325 Bulgaria, \$10 per 100. Bulgaria, own root, 2 1/2-inch, \$5.50 per 100. Pochlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Killarney, Am. Beauty, Kaiserin, Maryland, etc., 3-inch pots, \$6 per 100; 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Roses, field-grown, hybrid perpetuals, creeping and climbing. Write for list and prices. Elizabeth Nursery Co., Elizabeth, N. J.

Roses. Geo. A. Kuhl, Pekin, Ill.

SEEDS.

Seeds, Cyclamen, giant English grown, each \$1 per 100; \$8 per 1,000 seeds: Rosy Morn, Excelsior, Mauve Queen, Princess of Wales, Grandiflora Alba, Princess May, Duke of Fife. Giant German grown, each, 65c per 100; \$5 per 1,000 seeds: Pure White, Rose Von Marienthal, white, with carmine eye; dark crimson, dark rose. Gloxy of Wandsbek, attractive salmon, 100 seeds, \$1.25; 250 seeds, \$2.85; 1,000 seeds, \$10. Primula, Vaughan's International Mixture, 1-16 oz., \$4; 350 seeds, 50c. Mignonette: New York Market, oz., \$7; 1/2 oz., \$1; trade packet, 50c. Giant Machet, oz., 75c; 1/4 oz., 40c; trade packet, 10c. Vaughan's Seed Store, Chicago and New York.

PANSY SEEDS, finest GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant Mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Holland grown seeds. Beets, mangels, sugar beets, cabbage, cauliflower, celeriac, chicory, cornsalad, cress, endive, kale, kohlrabi, leek, mustard, parsley, parsnip, radish, spinach, turnip, rutabaga. Sluis Brothers, Enkhuizen, Holland.

CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common giant mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriac, parsleys, parsnips, turnips. R. & M. GONDINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

SEEDS.

Seeds, cauliflower, cabbages, rutabagas, mangels, pansies, asters, cyclamen, stocks, etc. L. Daehnfeldt, Ltd., Odense, Denmark.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Ishell & Co., Jackson, Mich.

Benary's seeds for florists. Send for list. Aabling-Ebright Seed Co., 80 Pike St., Seattle, Wash.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

Smilax, 2 1/4-inch, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Pochlmann Bros. Co., Morton Grove, Ill.

Smilax, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SMILAX, strong 2-inch, \$1.25 per 100; \$10 per 1,000. C. HUMFELD, Clay Center, Kans.

SNAPDRAGONS.

SNAPDRAGONS, Ramburg Silver Pink and Giant White, 2 1/2-inch, \$4 per 100; \$35 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA.

STEVIA, strong 2-inch, \$2 per 100; \$18 per 1,000. C. HUMFELD, Clay Center, Kans.

STEVIA, field-grown, large and bushy, \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gandy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWAINSONA.

SWAINSONA, white, 4-inch, ready for benching, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCAS—Field-grown plants, variegata, \$4 per 100. Rooted tips, variegata, \$1 per 100; \$9 per 1,000. THE REESER PLANT CO., SPRINGFIELD, OHIO.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2 1/2-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

VIOLETS, Gov. Herrick, extra fine field clumps, \$5 per 100. Cash. Ship now or later. W. H. CULP & CO., Wichita, Kansas.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

MISCELLANEOUS.

Bone meal, 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2; bag of 200 lbs., \$3.75; 500 lbs., \$8.50; 1,000 lbs., \$16.50; ton, \$32. Sheep Manure, pulverized, put up in 100 lb. bags, 100 lbs., \$1.50; 500 lbs., \$6; 1,000 lbs., \$10; ton, \$19. The W. W. Bernard Co., 231-235 W. Madison St., Chicago.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus, Jennings' Improved Iron Gutters, Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Carnation Supports. The Carnation Support Co., Connerville, Ind.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c postpaid. Elmer D. Smith & Co., Adria, Mich.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hillinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hewa's standard. A. H. Hewa & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfr., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

GALVANIZED WIRE STAKES.

3 ft., No. 9 wire	.....\$ 0.40
3 1/2 ft., No. 9 wire	..... 7.50
4 ft., No. 9 wire	..... 8.50
5 ft., No. 8 wire	..... 12.85
6 ft., No. 8 wire	..... 15.50

The W. W. Bernard Co., 231-235 W. Madison St., Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

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CAN SHIP ANY SIZE AT ONCE

Send order by telephone or
telegraph—at our expense

READ WHAT THE USERS SAY

THE LEADING GROWER IN VERMONT.

I have the Kroeschell Boiler six years; it is heating 17,000 square feet of glass. NO OTHER BUT A PLATE BOILER FOR ME.

(Signed) H. M. TOTMAN, RANDOLPH, VERMONT.

KROESCHELL BROS. CO., 452 WEST ERIE ST.
CHICAGO, ILL.

Kansas City.

HOT WEATHER INCREASES SUPPLY.

The past week has found this section in a belt of extremely hot weather, for this time of the year with quite a bit of rain, and frequent wind storms. The market is advancing in the supply of stock, which is very plentiful in some lines, especially good roses in the varieties of Mrs. Russell, Milady, Ophelia, Sunburst, American Beauties and the Killarneys, which find ready buyers. The lilies are plentiful and the carnations are a little better, both in quality and quantity. Asters were very plentiful, and the new asparagus green is coming in, with supplies taking a jump.

NOTES.

Geo. M. Kellogg's Flower and Plant Co. had a fire August 6, which started in the basement about 11 a. m. The lightning struck the smoke stack at the greenhouses and tore it down one-fourth of the way. Mr. Parker of this firm started to go into a closet where the store supplies are kept and in the dark jabbed a large nail in his head, which was very painful, and made a very bad wound. This firm had a decoration last week for a church wedding in Kansas City, Kan., using over five loads of palms and decorative plants.

T. J. Noll & Co. report that business is picking up fine, and fall trade looks prosperous. They are receiving some very good asters with large flowers and long stems from Colorado; also, some good roses and a contract has been closed with Mr. Stevens for all of his carnations for this season. The supply line is good with the pot business picking up, having filled one order this week amounting to \$140.

R. S. Brown & Son are cutting plenty of stock for funeral work, and are now cutting some fine cold storage lilies. This firm is growing more ferns this year and not so many chrysanthemums. Mr. Brown has purchased 45 acres of good land in Johnson county, Kan., as an investment.

H. Kusik & Co. are receiving some fine Russell, Milady, Ophelia, Sunburst, American Beauties and Killarney roses, which find a ready sale. The asters are very plentiful and the carnations are a little better. This firm received a car load of moss the past week, which is selling fast.

Arthur Newell reports business in general as good, having made a special the past week of baskets filled with flowers for the sick and hospital work. The baskets were filled to carry out the autumn effect.

W. J. Barnes was very busy with funeral work last week, also decorating one of the large dry goods store for their fall milinery opening.



AS THE SEASON ADVANCES

you want to be sure of quick service when in need of any greenhouse material. We not only promise but actually give you quick service, and can supply anything you need either for new greenhouses or repairs. Twenty-five years' experience.

Best Material.

Reasonable Prices.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material, Greenhouse Hardware, Hotbed Sash.

PLEASE

Send us a post card giving the number of Carnations you grow in a short row, crosswise of the bench, and we will send you our Improved Continuous Ring Supports for 100 plants, free of charge. Be sure and state the number of plants in a row, as we furnish as many rings in each connected stradd as the grower has Carnations crosswise of his bench.

These Carnation Supports overcome the objectionable features of all other makes.

THE CARNATION SUPPORT CO.
CONNERSVILLE, IND.

Wired Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by
W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Mr. Stevens is cutting about 1,000 carnations every other day, the chrysanthemums are looking good and he expects to cut in a few days. His asparagus green is looking fine.

Biederman & Sons report funeral work A-1 with the decorations picking up. The stock in the greenhouses is looking good.

Jacob Tobelar is repairing the greenhouses and building a boiler shed. The trade has been very good with him.

Business across the line is picking up, with plenty of funeral work and a prospect of quite a lot of decorating.

Dreer's Peerless Glazing Points

For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid.
Samples free.

HENRY A. DREER,
714 Chestnut Street,
Philadelphia.

FULL
SIZE
No 2

REFRIGERATORS

WRITE FOR CATALOG

Buchbinder Bros.
518 Milwaukee Ave., Chicago, Ill.

A. HERRMANN,

Cape Flowers, all colors, Cycas
Leavea, Metal Designs and all
Florist Supplies.

—Send For Prices—

404-412 East 34th St, NEW YORK

Patrick Larkin says the trade is very good. Wm. Grey, of St. Louis, is now in charge of the store.

E. J. B.

Aphine

The Insecticide that kills plant Lice of every species

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
 Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
 Quart, 75c. Gallon, \$2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angle worms.
 Quart, \$1.00. Gallon, \$3.00.

SCALINE

A scallicide and fungicide combined for San Jose and various scale on trees and bardy stock, and various blights which affect them.
 Quart, 75c. Gallon, \$1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
 Quart, \$1.50. Gallon, \$4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

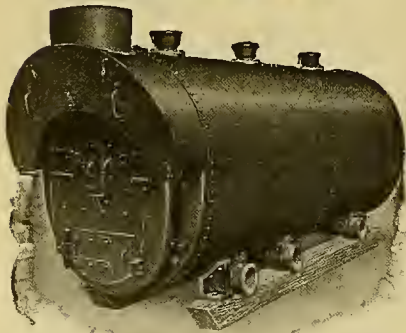
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INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
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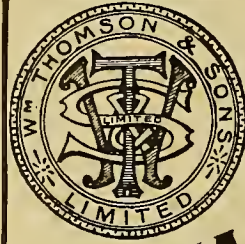
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Everything for the Greenhouse

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FOR SUCCESS IN YOUR GARDEN USE

THOMSON'S MANURES

Our Vine, Plant & Vegetable Manure, also Special Chrysanthemum Manure, are ever increasing in public favor—they embody the practical experience of many years in all branches of Horticulture, producing vigorous, healthy & fruitful growth. Sold by leading American Seedsmen. Freight paid on quantities. Liberal terms to retailers. Write for our special offer to the American trade, etc., to sole makers, **WM. THOMSON & SONS, Ltd, CLOVENFORDS, SCOTLAND.**

Clay's The World Power in the Soil.

CLAY'S LONDON FERTILIZER

THE RENOWNED FOOD FOR PLANTS. MANUFACTURED BY **CLAY & SON, STRATFORD, LONDON, ENGLAND.**



Unequaled for greenhouse and landscape fertilizing.

THE PULVERIZED MANURE COMPANY
 32 UNION STOCK YARDS, CHICAGO

Mention the American Florist when writing

AETNA BRAND TANKAGE FERTILIZER

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

FARMERS' AND FLORISTS' FERTILIZER CO.

809 Exchange Ave., Room 5, Tel. Drovers 1932
 U. S. YARDS, CHICAGO, ILL.

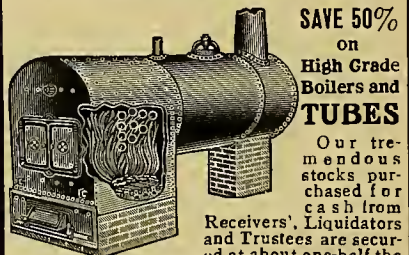
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NIKOTEEN
 For Spraying.
APHIS PUNK
 For Fumigating.
 Ask Your Dealer for it.
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Boilers

AT SMASHED PRICES!



SAVE 50% on High Grade Boilers and TUBES. Our tremendous stocks purchased for cash from Receivers, Liquidators and Trustees are secured at about one-half the usual cost. Thus we save you big money on the price of equipment.

Engineering Service Free. You also benefit by our free engineering service. Our 23 years of experience are at your disposal free. Have our experts furnish plans and designs for your heating problems. Take advantage of the great savings made possible by this free expert service. Our \$10,000,000.00 capital and reputation for honest and dependable dealing back every transaction. Tell us your needs. Get our incomparable low prices. Write for our big **Free Price Wrecker Heating Catalog No. 47.**
CHICAGO HOUSE WRECKING CO.,
 W. 35th and Iron Sts., CHICAGO
 Note: 4-in boiler tubes at a bargain.

Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. The bottoms furnished anywhere in car-load or less quantities.

Write today for circular.
CAMP CONDUIT CO., Cleveland, O.
 Hundreds of Florists have been convinced that we could save them
25% on Pipe and Fittings
 Send us your list today and be convinced that we are giving you facts.
ILLINOIS PIPE & MFG. CO.
 2113 S. Jefferson Street, CHICAGO, ILL.

Established 1765

Incorporated 1904

HEWS STANDARD POTS

POT MAKERS
FOR A CENTURY AND A HALF.

Also Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc. **WORLD'S LARGEST MANUFACTURERS.**

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES:
Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates

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CHICAGO AND NEW YORK, SEPTEMBER 25, 1915.

No. 1425

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THE BUSINESS OUTLOOK

Good Times Predicted By Prominent Men In Our Trade Organizations.

In the East.

The 1915 season should be one of the best cut flower seasons we have had for years. Many have taken the pessimistic view that business in general, and the florist business in particular, has gone to the bad and that it will be a long time before it recovers, giving as the main reason the European war. I can not agree with this general view of the situation. For a year before the European outbreak there was a general slump which the first six months of the war did not help, but as the public got over the scare and loosened its grip on money we experienced the best business we have ever had during April, May and June, and I feel sure the coming season will be as good as any of its predecessors. The loss of steamer business is really over-balanced by those liberal travelers who are spending this season's income at home. The present strong speculation stock market conditions mean much to the entire flower industry here.

FRANK H. TRAENDLY, New York,
Ex-President S. A. F.

Florists' Plant Trade.

We have had the best August and September demand of any previous year. Decorative stock for retail florists is moving out very satisfactorily, which I think is a very good barometer. This fall's demand for herbaceous stock for the lawn and garden from our catalogue trade is very heavy from all over the country. We are somewhat handicapped in not having a few specialties like bay trees, boxwoods, acacias, camellias, and a few other odd things for which we have to depend on European growers, and which may or may not come, or be in unsalable condition when they arrive. In general, however, we are better supplied than ever. Our stocks of palms and foliage plants are very complete. It is an ill wind that blows nobody good, and I feel that with so much foreign

war money coming into the country florists should be able to turn a lot of it into plants and flowers, peace products that create and carry sunshine wherever they go.

J. D. EISELE,
Henry A. Dreer, Inc., Philadelphia.

In the South.

The prospects for florists and horticulturists in the south were never brighter for a prosperous year's business than for the coming season. I have had many communications from florists throughout the south, and they are certainly optimistic. Cotton prices are soaring higher and higher and higher. We are having bumper wheat and other grain crops. Consequently our farmers are prosperous, thereby increasing the bank deposits and keeping our merchants busy. New skyscrapers, new homes, new pavements are giving our material concerns all they can do and employ great numbers of laborers. The florists and horticulturists do not know that war exists, insofar as business is concerned. I firmly believe the coming year will be the most prosperous we have ever seen.

R. C. KERR, Houston, Tex.,
Vice-President-Elect S. A. F.

On the Pacific Coast.

The trade conditions around San Francisco in both the retail stores and nurseries have been unusually good during the past year. There is every indication of a continuance of such conditions. Wholesale florists pronounce 1915 better by far than any previous year. Retailers report similarly. An evidence of the prosperity in the retail stores in San Francisco is shown by the fact that employes in most of the larger establishments were compelled to forego their regular vacations owing to the pressure of business. September, 1915, finds more prospective work and more advance contracts

for landscaping and ornamental planting than in any previous year.

D. MACRORIE, San Francisco,
President-Elect S. A. F.

In the West.

Merchants here are generally reporting better business than a year ago. Crops are fine, while mining and stock industries are prosperous and the labor situation is satisfactory. Reports from southern sections tributary to Denver are conflicting, but business from there holds up in volume, while collections are better than at the same season last year. The florists' business will probably recover more slowly than staple lines, but I am optimistic and anticipate a good season, with a tendency to higher prices.

J. A. VALENTINE, Denver, Colo.,
EX-President S. A. F.

The Seed Trade.

I am of the opinion that prospects of the American seed trade are such as to inspire the greatest confidence. In some instances we are confronted with short crops, but the situation is not so bad as to seriously embarrass the trade as a rule. We have reason to believe the farmers and market gardeners averaged fair crops, and while some of the market gardeners' products have been sold at low prices, the abundant yield has in most instances offset this disadvantage. With money plentiful, and farmers securing a fair share of the prosperity of the country, the seed trade may look with confidence to the future.

JOHN M. LUPTON, Mattituck, N. Y.,
Pres. American Seed Trade Ass'n.

The Nursery Trade.

The outlook for the nursery trade might be considered good. Most firms report agency business very good. The volume of sales in this branch is about up to the average. The tendency is to book fewer orders for fall delivery, which reduces the demand for stock for fall delivery. Mail order trade is usually very limited for fall delivery. Buyers are purchasing very cautiously. This feature is having a tendency to cause the growers to weaken and prices are averaging lower than the supply really justifies. I believe that most lines of stock will clean up reasonably well by the time the spring trade is taken care of.

E. S. WELCH, Shenandoah, Ia.,
Pres. Am. Ass'n of Nurserymen.

Lily of the Valley.

The outlook for the importation of lily of the valley looks very doubtful. The shipping of German goods to the United States at present is at a standstill, and there does not seem to be any relief in sight, unless our government would force or insist upon the English government not interfering with our trade in non-contraband goods to and from neutral ports. However, conditions may improve before the season is over, and our shippers will undoubtedly try to get lily of the valley over if there is a possible chance to do so.

H. N. BRUNS, Chicago.

WASHINGTON, D. C.—Mrs. J. A. Phillips, proprietor of The Flower Shop, Fourteenth and Harvard streets, defeated all other contestants in a popularity contest and will take a trip to the Panama-Pacific exposition, with all expenses paid.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Flowers at a Store Opening.

Of late years a pleasing feature of many store openings has been the "good luck" and "good wishes" floral designs sent by friends of the proprietors. This custom seems to be on the increase in New York and it is pleasing to the florists as well as to the recipients. The most elaborate display of this kind that has ever come to our notice was seen September 20 at the opening of Bedell's Fashion Shop, a store for women, at 19 West 34th street, New York. In addition to many baskets and large bunches of American Beauty roses there were a number of elaborately arranged designs, all bearing inscriptions voicing good wishes and good will. It is a conservative estimate that the total cost of the floral display was considerably over \$1,000. Noteworthy designs were arranged by Alexander Warendorff, Young & Nugent, and Charles Abrams of Brooklyn. All these, surrounded by what the proprietors said were "the most exclusive styles in women's dress," made a fine picture.

A. F. F.

The Debutante.

What a boon to the flower trade is the debutante? What a wealth of flowers is necessary as a setting for

this lovely young lady just stepping on the threshold of life? Everyone wishes her well and accompany their good words with dainty blossoms, which go a great way to make the occasion memorable to the fair bud, and all her friends as well. Nothing appears too good for the work these occasions demand. The longest stemmed American Beauty roses, the choicest orchids, expensive colonial bouquets, elaborately made baskets, all tied with the choicest ribbons, are all more or less used, according to the circumstances of the family.

The newer varieties of roses introduced the past two or three years, like Sunhurst, Mrs. Ward, Bulgaria, Mrs. Shawyer, Cecile Brunner, Hadley and others together with the old favorites now afford great variety and where a number of bouquets are ordered for one such occasion, it is possible to have no two alike yet all of equal value if desired. Colonial bouquets of small buds are considered very chic. They bring a good price as they are tedious to make, something else should be suggested when time presses on a busy day. Close buds of any of the varieties in short grades are available for this work. Little Sweet-heart buds and valley also work in nicely.

BASKETS.

Many offerings take the form of baskets. The customer, who has sent a



WIRED CARNATIONS IN CLUSTER.



SPRAY OF WHITE KILLARNEY ROSES, ORCHIDS AND LILY OF THE VALLEY.

number of bouquets or clusters, thinks something different would be better this time and selects a basket that is filled with a combination, mostly as the florist suggests. The brown Jap baskets with zinc lining arranged with Sunburst roses are much favored, as when nicely tied with a two-toned ribbon to match the flowers, they are very attractive. A few gardenias add a distinctive touch.

The soft, pliable hat baskets are also much in evidence when nicely arranged with roses, all one color or in combination. The Mrs. Ward, in not too large a receptacle, is much admired. A little valley with the bow of ribbon adds a finish. Long stemmed American Beauties, with a bunch of violets or valley, Sweetheart or other small roses where the ribbon is tied, offer a contrast to the great size of the larger roses, and is sure to get a second look.

COMBINATIONS.

There are so many combinations possible with the great variety of flowers now in the market and which appears to be ever increasing, that it is hard to single any one out as better than another. Mignonette, together with cypripediums, make an all green bunch or basket that is very striking. The stunning new red Rose Hadley with its rich velvety sheen is catching on rapidly; what a wonderful color, so full of life. A bunch of valley to one side of a bouquet of this newcomer makes a sure winner. Snapdragon in its various shades is much used to add variety to basket arrangements. Plants of brilliant hued crotons, or branches cut off, work well into baskets of chysanthemums. Clusters of choice blooms of the "Queen of Autumn" are very conspicuous; a few pompons where the ribbons are tied make a pleasing finish.

ORIGINALITY.

In all of this work an effort should always be made to show originality; just placing one flower below another until all are used up is not enough. How different one man's work is from that of another's, even when both are good. How often we see high grade stock tightly bunched together or used with apparently no thought as to the proper contrasting of colors. A plain bunch or cluster of roses, all one color, is improved and made to look quite different by the addition of a few buds of another color placed a little to one side of the center, or added where the ribbon is tied. They should be rather close together to make an effective spot of color.

Along with dainty ribbons are now used butterflies of spun glass, which attached to the handles of baskets or the centers of clusters on tiny spring wire, appear to hover about with every draft motion or tremor of the house. K.

Postal Automobile Delivery.

FACTS ABOUT OPERATING COSTS.

More than 500 automobile rural routes have been authorized by Postmaster General Burleson. Of these 288 are in operation. Their preliminary experience has convinced postal authorities that the new service will greatly improve the farmer's mail and express facilities. Time schedules are better maintained and routes more regularly served in all weather conditions by automobile than by horse-drawn vehicle. Forcasts that the automobiles could not do 50 to 60 miles a day upon regular schedule are not borne out. Temporary carriers, appointed by the postmasters of the communities whence the new auto routes emanate, are providing the present service. The first permanent carriers, chosen by civil service examination, have now

been named. They are Fred W. Zuch and Edward K. Terry and they will serve the two pioneer routes, established July 1, at Quarryville, Pa. Appointments of other permanent carriers will now follow rapidly.

At salaries of \$1800 a year, Zuch and Terry will be required to furnish their own machines and wear uniforms corresponding to those worn by the city letter carriers. Letters of instruction are being sent to them inclosing a blue print showing the type of automobile body which the department deems most suitable. It is the desire of the department to standardize the rural automobiles as far as possible. Similar letters will be sent to other permanent carriers when appointed.

Under the existing maximum salary of \$1,200, many rural carriers are providing and using automobiles on routes varying from 24 to 30 miles in length. They do so because they believe the auto more economical and reliable. Interesting reports from carriers now using automobiles are being received by the department. A Kansas carrier, now using a light machine over a 29½-mile route, declares the higher salary will fully meet the additional cost to the carrier of serving the larger routes and leave him a larger net income than rural carriers have ever received. First speaking of his present situation, this carrier says that "although we have had a very wet year, and all my roads are dirt roads, my expense has not been any greater than those who carry with horses and rigs. I have been out in some very heavy rains, have all kinds of roads and have never been pulled in." Then the Kansas carrier gives his experience as to cost, as follows:

Set of tires (average life 6,000 miles) \$60.

Gasoline. 1 gallon to 15 miles at 15

cents a gallon, though he is now paying 11 cents, \$60.

Oil, 1 gallon to every 150 miles at 45 cents a gallon, \$18.

Depreciation, (Based on 72,000 miles as the life of his car), \$40.

Repairs per 6,000 miles, \$30.

Cost of operation per 6,000 miles, \$208.

From the above, the cost of operation per mile comes to \$0.03466. Applying this figure to his 29½-mile route, this carrier found this to be his outgo for running expenses:

To serve route 250 days by auto at \$1.02 per day, \$255.

To hire horse and conveyance at \$1.50 a day for 57 days, or during the period in which he could not use the machine, \$85.50.

Cost to serve route, \$340.50.

Deducting \$340.50 from his \$1,200 salary, the carrier's net income now is \$859.50. Applied to a 55-mile route, it works out thus:

To serve route 250 days, \$477.50,

To hire substitute at \$3.33 a day to cover that part of route which the regular carrier could not do by horse-drawn conveyance during the period in which he could not use his machine, and to hire horse and conveyance at \$1.50 a day to do the remaining half of the route for 57 days, \$270.50.

Total cost of serving the long route, \$758.00.

Hence, this carrier, if he received \$1800 a year for covering 55 miles six days a week, figures that his net income would be \$1042—or \$200 more than he is now getting.

The following table shows by states the number of motor routes thus far established and authorized:

State	Now in effect	Effective by Dec. 1	Total
Alabama	..	14	14
Arkansas	.. 1	3	4
California	.. 23	6	29
Colorado	.. 2	1	3
Delaware	.. 1	19	20
Dist. of Col.	.. 2	..	2
Florida	.. 13	9	22
Georgia	.. 68	59	127
Illinois	.. 3	..	3
Indiana	.. 14	..	14
Iowa	.. 24	16	40
Kansas	.. 3	..	3
Kentucky	.. 1	3	3
Louisiana	.. 1	..	1
Maryland	.. ..	3	3
Mississippi	.. 2	1	3
Nebraska	.. 1	..	1
Oklahoma	.. 122	34	156
Oregon	.. ..	1	1
Pennsylvania	.. 16	..	16
Texas	.. 24	35	59
Total	.. 320	204	524

Chicken Manure as Top Dressing.

ED. AMERICAN FLORIST:

Kindly advise me as to how much chicken manure should be used as a top dressing for chrysanthemums.

Missouri. L. LEC.

Chicken manure should be used with caution as a fertilizer for any kind of plants. Personally, I have never been able to get any better results from the use of chicken manure than from cow or horse manure—and the latter are safer to use. I would advise the inquirer to use the manure in weak liquid form on a small scale at first to note the effect on the plants. An ordinary bucket full of the manure to a barrel of water and let stand a couple of days before using will be plenty strong enough. Should the liquid appear to be too strong, dilute with more water before applying to the plants.

C. W. JOHNSON.

New York State Federation of Floral Clubs

The annual meeting of this organization was held at the office of Commissioner Wilson at the state fair grounds, Syracuse, Thursday, September 16. There were present: President W. F. Kasting, Vice-President Earl A. Bates, Secretary John Young, Treasurer W. A. Adams, and Messrs. F. R. Pierson, Tarrytown; C. H. Vick, Rochester; Prof. Lumsden, Ithaca, N. Y.; Henry Youell, Syracuse; Baker, Syracuse; Workman, Oswego; R. H. Bard, Syracuse; Dr. Mills, president of the Syracuse Rose Society; Moeller, Ithaca; Eastwood, Auburn; George Thorp, Syracuse; Prof. E. A. White, Ithaca; A. Bard, Syracuse; Fail, Ithaca; Bultman, Syracuse; Morgan, Auburn; Sheeran, Syracuse. President Kasting occupied the chair.

The report of the committee appointed to consider the question of whether a state society would be more beneficial than the federation was received and discussed. The committee was of the opinion that a state federation of organized interests would accomplish more than a society made up of individual interests. The delegates present sharing the same opinion, the suggestion was adopted, and the committee discharged with thanks.

Some discussion ensued as to the advisability of changing the name of the organization, so that it included "Horticultural Societies," and thus become better descriptive of the federation, and on motion of F. R. Pierson seconded by Dr. Bates, it was resolved that the name be changed to read "New York Federation of Horticultural Societies and Floral Clubs."

The subject of the movement to

obtain an appropriation of \$60,000 from the state for the erection of greenhouses for the purpose of carrying on experimental work with flowers and vegetables came up for discussion. President Kasting reported the vetoing of the bill passed by both houses, and expressed his opinion that the only course was to have the bill introduced again. Messrs. Pierson, White, Vick, Thorp, Bates and others presented their views on the matter, and finally on motion of Mr. Pierson, seconded by Mr. Thorp, it was resolved that a committee of three be appointed to meet with the trustees of Cornell University, and determine if possible upon the most adequate framing of a new bill. It was the consensus of opinion that the trustees of the university should add to their regular budget for state appropriations an amount sufficient to cover the cost of the proposed buildings. If this were not feasible, it was understood that a bill should be introduced as before. The president appointed Messrs. Pierson and Vick, with himself, as such committee.

The next subject for discussion was the necessity of a building at the state fair, embodying means for taking proper care of exhibits of plants, flowers, fruits and vegetables, the quarters now in use not being suitable for the necessary preservation of exhibits during the fair period. Messrs. Pierson, Bates, Kasting, Thorp, White, Vick, and others took prominent parts in the discussion, and many suggestions as to the best way to secure the required facilities were offered. It was very generally agreed upon, that if a suitable horticultural building were erected at the head of Empire court, the florists would see that a very creditable plant-



J. K. ALLEN'S NEW WHOLESALE STORE, 118 W. TWENTY-EIGHTH ST., NEW YORK.



INTERIOR OF J. K. ALLEN'S NEW WHOLESALE STORE, 118 WEST TWENTY-EIGHTH STREET, NEW YORK.

ing of flower beds around it was carried out, stock to be donated, and the only cost to be defrayed being the labor of planting, and taking care of the beds. Such a planting would give this section of the grounds a park-like appearance, and render them pleasing to visitors, in striking contrast to their present appearance which was practically offensive. On motion of Dr. Bates, seconded by Mr. Pierson, it was resolved that a committee of two be appointed to confer with the Western New York State Horticultural Society, the New York State Fruit Growers' Association, and the New York State Vegetable Growers' Association, and solicit their co-operation in an effort to evolve ways and means for getting an appropriation for the erection of a suitable building. Dr. Bates and Mr. Kasting were chosen as such committee. The discussion lasted some time, and much enthusiasm was evident.

Election of officers for the ensuing year resulted as follows: Wm. F. Kasting, Buffalo, president; Dr. Earl A. Bates, Syracuse, first vice-president; Chas. H. Vick, Rochester, second vice-president; F. R. Pierson, Tarrytown, third vice-president; John Young, New York, secretary; W. A. Adams, Buffalo, treasurer. The chair appointed F. R. Pierson chairman of the legislative committee, and George Thorp chairman of the state fair committee, and they were given power to strike their own committees.

The report of the treasurer showed a substantial balance in the treasury.

The meeting adjourned until next February, when there will be a meeting in Ithaca, during Farmers' Week. It was the most interesting meeting held since the organization of the federation.

JOHN YOUNG, Sec'y.

Orchids From Burma.

Consul Maxwell K. Moorhead writes from Rangoon, July 31, as follows:

"The Agri-Horticultural Society of Burma, Kandawglay, Rangoon, is now in a position to collect and ship orchids to the United States. Owing to the alternating dry and wet and cool and hot seasons, the orchids should be collected during December and January and packed and dispatched from Rangoon during February. Orders should be received in Rangoon not later than November 15. The following orchids can be collected to order, the prices given being for 100 plants: *Cypripedium bellatulum*, \$16.22; *C. Parishii*, \$11.35; *C. Spicerianum*, \$24.33; *Dendrobium crassinode*, \$16.22; *D. formosum giganteum*, \$12.97; *D. chryso-toxum*, \$12.97; *D. fimbriatum*, \$9.73; *D. nobile*, \$16.22 to \$32.44; *D. thrysiflorum*, same; *D. Dalhousianum*, same; *D. Wardianum*, same; *Vanda coerulea*, same; *V. Kimballiana*, \$9.73; *V. teres*, \$9.73; *Saccolobium Blumei*, \$9.73.

"These prices are for good plants. Extra selected specimens of some kinds will be more in proportion to size."

ALTOONA, PA.—Meyer Bros. are now located in their new flower shop at Allegheny and Penn streets.

Italian Horticultural Convention

At a conference held in Rome in 1914, representatives of this country signed a convention setting forth restrictions on the trade in plants that they were prepared to recommend their governments to carry out. The restrictions, if agreed to, will very seriously affect the horticultural trade of this country. They have, however, not yet been carried out, nor has this country assented to them, but sooner or later the subject will come up again, and it behooves the horticultural industry in this country to be ready for that time.

If this country assents to this convention, how will it affect the trade? Firstly, all nurseries and establishments supplying plants, seeds, etc., will be registered, licensed and inspected. Secondly, all nurseries will have to notify at once the appearance of certain scheduled diseases. Thirdly, they will have to adopt standard methods of dealing with certain diseases, spraying, fumigating, tipping or the like. Fourthly, their methods of packing and transport will be inspected and controlled. Fifthly, they will have to obtain for each consignment of living plants destined for sale or for export, a certificate from an inspector as to its freedom from certain diseases or as to the nursery itself being free from certain diseases.

This last will, perhaps, be the most troublesome, as it involves the inspection of each consignment by an inspector before it is packed and after it

is packed. The consignment must be packed according to the instructions, and the certificate specifying its contents must go with it.

A further clause in the convention lays down that plants cannot be imported from any country that either does not adhere to the convention or that has no service of officials for giving certificates, so that all importation of any plant at all, say, from China or Tibet, would appear to be absolutely stopped.

There is no question but that this procedure is going to be troublesome.

gards imports and exports respectively? What are these, where do they go to, where do they come from? Are the imports of new wild plants from, say China, more important than the import of cultivated new varieties from Europe? If a clause in the convention concerns, let us say, the importation of Japanese maples and deciduous nursery stock from Japan, are we affected or not?

There are countless points of this sort which can only be answered by a knowledge of what the imports and exports are, what kinds of plants, of

necessary information on which to judge whether to recommend adhesion to the convention, whether to stand aside, or whether to ask the government to seek to modify it.

It is impossible in a single article to make clear what the effect of the convention will be, but I propose in the next to explain the regulations already adopted in France in anticipation of this convention being adopted. Whether this country adheres or not, the effect will be far-reaching, and we hope the trade will give the committee the help it needs by filling up the forms and returning them when completed to the secretary, Royal Horticultural Society. The information will be treated as strictly confidential, and the only use made of it will be to compile tables of the total imports and exports of living plants, with the countries of origin or destination.

H. M. LEFROY.

[The above article written by Professor Lefroy with the object of pointing out to nurserymen and others engaged in export trade, the importance of providing the information required by the committee which is at present engaged in an inquiry into the possible bearing of the Rome convention on the horticultural trade of this country, has been forwarded to us by Mr. F. Keeble, Director, Royal Horticultural Society Gardens, Wisley.—Editor.]—Horticultural Trade Journal.

European Flower Trade in War Time.

A curious phase of the effects of the war on popular sentiment is shown in the constant demand for flowers. A visiting Hollander stated last winter that the one business which escaped depression in Holland was the trade in cut flowers. "Among the horrors that surround us," said he, "the sight of the brightness and beauty of plants and flowers seems to have become a necessity."

In France, the *Revue Horticole* of July 16 expresses the same fact. Growers in the south of France quite abandoned themselves to the general depression at the outbreak of hostilities. Later tentative shipments of cut flowers meeting with ready sale, although at moderate prices, plantings and cuttings were resumed, and the general results have been very satisfactory.



BOSTON GARDENERS' AND FLORISTS' CLUB FIELD DAY.
On the Grounds of the Breck-Robinson Nursery Co. Sept. 11.

Is it worth it? If this country does not adhere to the convention what will happen? Its export trade in plants with adhering countries will cease to a large extent, if not wholly. It will be unable to send any living plants into any of the twenty-five countries that have joined the convention. It will be able to send plants to the United States, but only by carrying out a similar procedure in order to satisfy their requirements. Whether to adhere or not is evidently a very difficult question, and a joint committee formed under the auspices of the Royal Horticultural Society has been engaged on this problem. Clearly there are many things to be taken into account. What diseases are there which we do not desire to be admitted into this country? Where do they come from and how? Have we suffered in the past from introduced diseases? Will the convention's restrictions keep diseases out or will they simply restrict trade and be of no use?

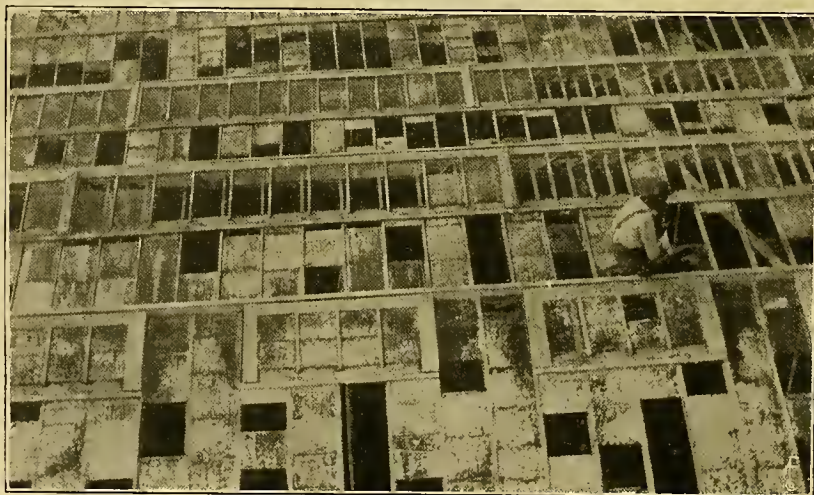
To answer these questions we must have information and we are using this interval to get that information so that when the time arrives for discussion the trade can take up a definite position and back it with facts. We have collected information about the diseases and pests which have been carried from country to country in the past and what carried them. We have information about the restrictions on trade at present in force. We have information about the diseases which do not exist in this country and which we do not want admitted; but we have no information as to the trade itself in this country, and this is a necessary part of the inquiry.

Particularly we require this: What is the position of the industry as re-

what value and amount, where from and where to, and whether the imported plants are from the forest or jungle or from foreign nurseries.

In the hope of getting this information, the Royal Horticultural Society has addressed a letter to every firm dealing in live plants. Attached are forms so prepared that each firm may give, with the least trouble, the information that the committee wants, and the committee very strongly urges all members of the trade to give the information asked for. Sooner or later a decision will have to be taken.

The board of agriculture has intimated that it will not adhere to the convention if it be against the interests of the trade, and it is extremely important that the trade should have the



W. J. BARNES' HAIL-WRECKED GREENHOUSE, KANSAS CITY, MO.

Loss 2,700 Square Feet of Glass.



ASTERS AT BALDWINVILLE, N. Y.

One Grower Here Has 50 Acres of Asters Growing for Seed. The Flowers Made a Wonderful Display September 5, Which is About the Height of Their Season in this Locality. Probably no Larger Fields of Asters are to be Seen Anywhere.

Fourth National Flower Show, Phil'a, Pa.

Preparations for the Fourth National Flower Show, to be held in Philadelphia, March 25 to April 2 next, are in active progress. Space in the areas set apart for the trade exhibits is being freely reserved, and at present the bookings amount to over \$4,000 in the aggregate. One exhibitor who had booked for a liberal space, recently increased his booking to 1,200 square feet, equivalent to a \$1,200 stand.

Chairman George Asmus of the National Flower Show committee will call a meeting of his committee shortly, at which the second preliminary schedule will be settled. The schedule will include the American Carnation Society's premiums and the carnation section; this section will, it is expected, have more than usual prominence, for the reason that the A. C. S. is to celebrate its twenty-fifth anniversary or silver jubilee at this show.

The American Rose Society and American Sweet Pea Society's premiums, with the sectional premiums, will also appear in the new schedule. Special prizes offered by H. A. Dreer, Inc., H. F. Michell Co., Inc., John Cook, Zandberger Bros., of Holland, and others will also be announced.

The Pennsylvania Horticultural Society has decided to abandon its customary spring show for 1916 and to throw its influence into the work of the National Flower Show, and to this end has appointed W. F. Therkildsen, Robt. Craig and David Rust a com-

mittee to act in conjunction with the National Flower Show committee.

J. Otto Thilow, chairman of the lecture committee has the work of his committee well in hand and the lectures will be an important feature of the show. The committee on special features and the other local committees are all making good progress and have their plans well on the way to completion.

Much favorable comment by the trade has been passed upon the two plantings outside the exhibition hall which have been very conspicuous this summer and have helped considerably to attract attention to the forthcoming show. H. A. Dreer, Inc., and H. F. Michell Co., Inc., who provided these plantings are to be commended for their interest and forethought.

Treasurer F. R. Newhold of the Horticultural Society of New York, who is taking a very active and kindly interest in the show, has obtained promises of assistance from the members of several ladies' garden clubs and societies, and he reports that all seem ambitious to even outdo the efforts of the ladies whose excellent assistance was such an important feature of the success of the 1915 New York show. That the show has the interest and attention of the trade in all its branches throughout the country is evident from the letters received at the secretary's office, and there is every prospect that the national exhibition of 1916 will eclipse all preceding flower shows.

JOHN YOUNG, Sec'y.

The Cleveland Show.

The Cleveland flower show, already the most talked about event of the trade of the present year, is making a new bid for popularity by offering to share its profits with the trade exhibitors. The executive committee of the Cleveland flower show is so encouraged by the present outlook for the exposition to be held November 10-14, that they recently announced 25 per cent of the net profits would be turned pro rata to the trade occupying space in the show. This is the first floral exposition to emulate Henry Ford, and the decision was reached after the executive committee found that the present sale of space and the prospect for an unusually large attendance at the show more than guaranteed the sum necessary to put on the show. The Cleveland dealers are not in the show for individual profit and have made it a co-operative enterprise by setting aside a liberal share of the profits for exhibitors.

At a joint meeting of the executive and general committees of the Cleveland flower show held Friday evening, September 17, in the Hollenden hotel, steps were taken to establish a new precedent for the conducting of flower shows. A motion was unanimously passed, giving the trade exhibitors the right to reserve 25 per cent net profit of the show to be divided among them pro rata according to amount of space occupied by each, with the provision that none is to reserve more than 50 per cent of the total amount paid for space.

The meeting was an enthusiastic one being attended by practically a full membership. S. Prentiss Baldwin, chairman of executive committee; Wm. G. Mather, president Ohio Horticultural Society; H. P. Knoble, general chairman all show committees; together with F. A. Friedley, Timothy Smith, Herbert Bate, F. C. W. Brown, C. E. Russell, H. P. Merrick and George Bate, were present. That the general outlook for the show could not be better was demonstrated by the reports made by the chairmen of the various committees represented. It is expected that the space allowed for trade exhibitors will be oversold before the end of the present month.

Import Permits.

EDITOR AMERICAN FLORIST:

I am in receipt of the following information from the Merchant Association of New York. Will you be kind enough to give it the necessary publicity through your paper, and oblige?

"Referring to previous correspondence relative to your desire to bring forward from Rotterdam goods of Belgian origin, I have to inform you that the department has received from the American ambassador at London the following telegram, dated September 8: "2769, September 8. Foreign office today sends me printed form now being sent to all persons desiring to export goods of Belgian origin from Holland. Form is as follows:

"The under secretary of state for foreign affairs presents his compliments to Messrs. — and, in reply to their letter of the —, relative to the exportation from Belgium to — of — is directed by Secretary Sir E. Grey to state that his majesty's consular officer at the port of shipment will be instructed to issue the necessary permit as soon as Messrs. — have produced to the satisfaction of the Foreign Office:

"First. A declaration or certificate from the competent Belgian local or municipal authority that the goods in question are of Belgian origin or manufacture; and

"Second. A written guarantee from a bank in this country that the purchase money for the goods has been deposited with them, and will not be withdrawn, without the special authorization of his majesty's government, during the continuance of the occupation of Belgium by the enemy; or alternatively clear evidence that the purchase money was remitted to Belgium before July 31, 1915, such as an affidavit of the bank in a neutral country through which the money was remitted."

"Please request persons approaching embassy in cases of this description to furnish documents set forth above.

Unless you have submitted to the office of the foreign trade advisers the necessary undertaking as to payment and the required proof of the Belgian origin of the goods you desire to import I suggest that you do so at once."

CHAS. A. DARDS.

New York, Sept. 18.

Boston.

HOT WEATHER DEMORALIZES MARKET.

The extreme hot weather which we had this week completely demoralized the market. Quantities of flowers found no sale, and the retailers suffered from the lack of business as well as the grower. Roses were plentiful and sold at low figures. Practically any offer was taken to dispose of the surplus. Gladioli are not as plentiful, but prices do not vary from those of previous weeks. Quantities of carnations

are seen but the market for them is very poor.

NOTES.

The W. W. Edgar Co. has commenced to cut Chrysanthemums Golden Glow and Smith's Advance. They also are shipping very fine lilies and asters. Their new garage has been completed and two motor trucks will be added to their delivery service.

The florists of Boston are organizing a bowling club to be known as the Boston Florists' Bowling Association. Application for membership may be sent to J. Sloan at the Boston Flower Exchange.

David Duncan of Arlington was on the sick list this week with an attack of ptomaine poisoning. He has recovered sufficiently at the time of writing to resume his business.

Thos. F. Galvin, Inc., have added a White delivery car to their service. Considering the dull times, their business during the summer has been very satisfactory.

A. M. Eaton of South Sudbury is cutting a fine lot of carnations at present. His Matchless, Alice and Ward are especially good.

Robert Montgomery and wife, of Natick, returned from their summer cottage at Bustus Island, Maine, September 24.

F. L. W.

Kansas City.

BUSINESS IS ON THE INCREASE.

The demand during the past week has shown a substantial increase, and with stock not quite as plentiful as it has been, some of the trade found it difficult to get what was required for special orders. Funeral work has been plentiful, and the demand for decorations on the increase. American Beauty roses are short in supply, but there is a more plentiful stock of Russell, Ophelia, Sunburst, Milady and Killarneys, all of which find ready sale. Carnations are improving in quality, and are more plentiful, and chrysanthemums are coming in better. Lilies are still to be had and dahlias are very plentiful and of excellent quality.

NOTES.

H. Kusik & Co. report trade very good, the demand for supplies being especially heavy. They have some very fine home-grown carnations, and chrysanthemums, both in pink and white, are arriving in larger quantities

and are much better in quality than heretofore. Roses are in great demand, orders being received for quantities in excess of the receipts. Henry Kusik spent three days in Chicago on business last week.

T. J. Noll & Co. are receiving some very fine Colorado grown gladioli, and their carnation stock is better than it has been for some time. The rose receipts are not equal to the demand and clean up before they reach the ice-box. Here's hoping it keeps up all winter.

The Alpha Floral Co. reports good business, both in funeral work and decorations. The out-of-town trade is picking up, but for the past week or so high water in this section has interfered with this branch of the business.

J. B. Masson says his carnations, roses and chrysanthemums are looking fine and he is expecting big crops. His repairs are all completed, and his houses are in splendid shape for winter.

Samuel Murray used yellow and pink dahlias in his window decorations during the past week, and the artistic arrangements were much admired and favorably commented upon.

J. Austin has practically finished repairs and straightening up after the hail storm that did considerable damage to his range. Stock here is coming along nicely.

W. L. Rock Flower Co. had some very attractive window decorations during the past week, wild flowers being used to carry out the artistic arrangements.

Ed. A. Humfeld says the chrysanthemums are coming along in excellent shape, and that stock in general at his establishment is first class.

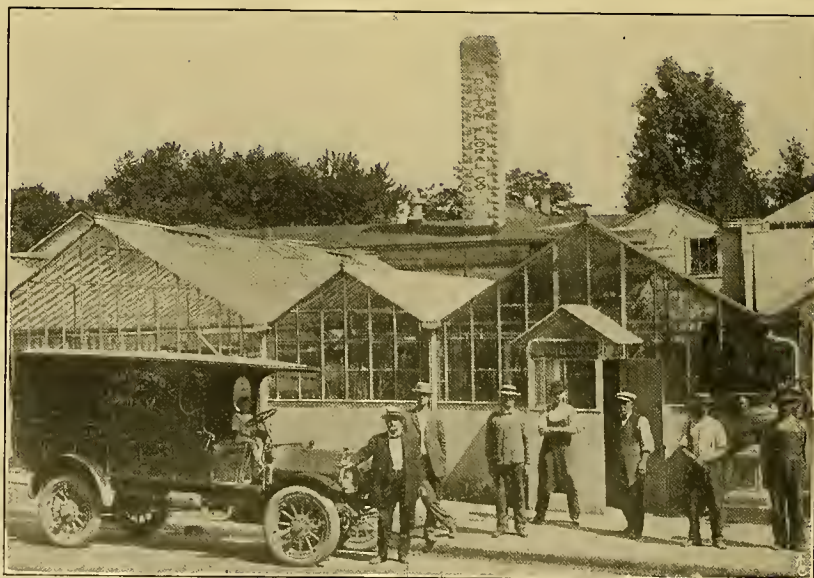
M. E. Candler, of the Elmhurst Landscape & Nursery Co., is sending some very fine dahlias to the market, which find ready sale.

Patrick Larkin is fully prepared for the fall and winter trade and reports business so far has been good, especially in funeral work.

August Luther reports stock at his greenhouses as looking good. A big baby boy arrived at his house August 31.

Visitors: M. Anderson, representing A. J. Randall Co., Chicago; C. S. Ford, manufacturer's agent; Arthur Schwerin of the Burlington Willow Ware Co.; Frank J. Farney, representing the M. Rice Co., Philadelphia, Pa.

E. J. B.



W. G. MATTHEWS' RANGE, DAYTON, O.

Flood Damage Obliterated After Long Struggle.

Ft. Wayne, Ind.

WARM WEATHER CONTINUES.

The thermometer during the past week has continued to rise and business suffered considerably as a result, but a fair amount of funeral work has eased up the supply of cut flower stock. The funeral of Jesse B. Grice, ex-mayor of this city, occasioned a very heavy demand for flowers the latter part of the week.

The Bradley Flower Shop furnished the bouquets for the Mungovan-Young wedding, which was celebrated September 16. The bride's bouquet was a shower arrangement of White Killarney roses and swainsona blossoms, while the maid of honor carried Shawyer roses and the bridesmaid carried delicate pink asters.

Will J. Vesey, Jr., has returned from the state fair held in Indianapolis last week, and had a successful trip with business and pleasure combined.

The Flick Floral Company furnished a number of handsome floral offerings for the funeral of the late Jesse B. Grice, ex-mayor of this city. H. K.

Wisconsin State Fair.

The floral exhibits on a whole at the Wisconsin state fair for 1915 were, from the view of a professional, about the same as in former years, both as to quantity and quality. It is a pity that the time has not yet arrived where the members of the Wisconsin state board of agriculture and those of the Milwaukee Florists' Club co-operate in order to make the display of plants and cut flowers first, a credit to the trade; secondly, inducements to bring out more and better exhibits, and thirdly, a creditable factor for the fair itself. In regard to judging it has mostly been the same lingo with the exception of this year, when for the first time three practical florists served in that capacity. With a firm determination to adjust matters to secure better cooperation with the state fair board, the Milwaukee Florists' Club will begin the task at its October meeting and not wait till the time is too short and everyone too busy to make good. With a suitable exhibition place, a revised premium list and competent judges, just as served this year, the results all around would prove more instructive and ornamental than in the past.

THE AWARDS.

Collection of greenhouse plants, not less than 25 varieties to cover not less than 50 square feet—Holton & Hunkle Co., Milwaukee, first; C. C. Pollworth Co., Milwaukee, second; A. Klockner, Wauwatosa, third.

Display of palms covering not less than 50 square feet—Holton & Hunkle Co., first; C. C. Pollworth Co., second; A. Klockner, third.

Display of ferns covering not less than 50 square feet—C. C. Pollworth Co., first; Holton & Hunkle Co., second; A. Klockner, third.

Display of foliage plants covering not less than 50 square feet—Holton & Hunkle Co., first; C. C. Pollworth Co., second; A. Klockner, third.

Specimen *Nephrolepis*, any variety—C. C. Pollworth Co., first; Holton & Hunkle Co., second; A. Klockner, third.

Specimen palm, any variety—Holton & Hunkle Co., first; C. C. Pollworth Co., second; A. Klockner, third.

Most artistically arranged floral wreath—John Arnold, Milwaukee, first.

Most artistically arranged basket of cut flowers—A. Klockner, first; John Arnold, second.

Display of asters, not less than four colors and not less than 200 blooms—C. C. Pollworth Co., first; A. Klockner, third.

Display of gladioli, at least 150 blooms—A. Klockner, first; Holton & Hunkle Co., second.

One hundred carnations—C. C. Pollworth Co., first.

Fifty roses, any variety—C. C. Pollworth Co., first with *Ophelia*; Holton & Hunkle Co., second with *Russell*.

Fifty lily blooms—C. C. Pollworth Co., first; Holton & Hunkle Co., second.

The Kamp & Spinti Floral Co., North Milwaukee, exhibited a splendid group of well grown cyclamens and primulas. E. O.

Illinois State Fair.

The floricultural display of the Illinois State Fair was held at Springfield, in the Dome building of the fair grounds September 20-22, and was a great success. There was a good showing of plants and cut flowers as well as the usual number of retail exhibits, which is always one of the main features of the display. The principal exhibitors were the Capitol Greenhouses, George M. Brinkerhoff, Heimbreyer & Cole, Janssen Seed & Floral Co., A. C. Brown, Gullett & Sons, George A. Kuhl, Poehlmann Bros. Co., Bassett & Washburn, J. D. Thompson Carnation Co., A. T. Hey Floral Co. and the Charleston Greenhouses. Bassett & Washburn exhibited a vase of their new seedling carnation, *Belle Washburn*, and the J. D. Thompson Carnation Co. a vase of its new seedling carnation, *Aviator*.

AWARDS—PLANTS.

Collection of stove and greenhouse plants to cover 200 square feet of space—Capitol Greenhouses, Springfield, 1st; George M. Brinkerhoff, Springfield, 2nd; George A. Kuhl, Pekin, 3rd; Heimbreyer & Cole, Springfield, 4th.

Twelve palms, single, grouped for effect—Capitol Greenhouses, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

Six palms, single, three varieties, two of each—Capitol Greenhouses, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

Two palms, made up—George M. Brinkerhoff, 1st; George A. Kuhl, 2nd; Janssen Seed & Floral Co., Springfield, 3rd.

One palm, single—Capitol Greenhouses, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

One *Cycas revoluta*—George M. Brinkerhoff, 1st; Capitol Greenhouses, 2nd.

Four *auracarias*, any variety—George M. Brinkerhoff, 1st; Gullett & Sons, Lincoln, 2nd; George A. Kuhl, 3rd.

Twelve crotos, in variety—George M. Brinkerhoff, 1st; George A. Kuhl, 2nd.

Best ornamental or foliage plant—George M. Brinkerhoff, 1st; George A. Kuhl, 2nd; Capitol Greenhouses, 3rd.

Twelve *begonias*, flowering, in variety—George M. Brinkerhoff, 1st; Janssen Seed & Floral Co., 2nd; Gullett & Sons, 3rd.

Cyclamens in bloom, best 10 plants, not less than 5-inch—Heimbreyer & Cole, 1st; Gullett & Sons, 2nd; George M. Brinkerhoff, 3rd.

Orange trees, best two plants in fruit—George M. Brinkerhoff, 1st.

Twelve ferns, distinct, one of each—George M. Brinkerhoff, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

Six ferns, distinct, one of each—George M. Brinkerhoff, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

Four *adiantum*s, distinct—George M. Brinkerhoff, 1st; George A. Kuhl, 2nd.

Four *Nephrolepis Bostoniensis*, not less than 8-inch pots—Gullett & Sons, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

Four *Nephrolepis Piersonii*, or other sports of Boston, not less than 8-inch pot—Gullett & Sons, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

Four *Nephrolepis Whitmanii*, not less than 8-inch pot—Gullett & Sons, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

Four *Nephrolepis Scotti*, not less than 8-inch pot—Capitol Greenhouses, 1st; George A. Kuhl, 2nd; George M. Brinkerhoff, 3rd.

One *Nephrolepis Bostoniensis*, not less than 10-inch pot—George M. Brinkerhoff, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

One *Nephrolepis Piersonii*, or other sports of Boston, not less than 10-inch pot—George M. Brinkerhoff, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

One *Nephrolepis Whitmanii*, not less than 10-inch pot—Geo. M. Brinkerhoff, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

One *Nephrolepis Scotti*, not less than 10-inch pot—George M. Brinkerhoff, 1st; Capitol Greenhouses, 2nd; George A. Kuhl, 3rd.

One *Cibotium Schiedii*, not less than 8-inch pot—George M. Brinkerhoff, 1st.

Four *dracenas*, four varieties—George M. Brinkerhoff, 1st; George A. Kuhl, 2nd.

Four *Pandanus Veitchii*—George A. Kuhl, 1st; Poehlmann Bros. Co., Chicago, 2nd.

Twelve baby ramblers in bloom—Gullett & Sons, 1st; George A. Kuhl, 2nd; George M. Brinkerhoff, 3rd.

Twelve *Souper* roses in bloom—Gullett & Sons, 1st; George M. Brinkerhoff, 2nd.

One hanging basket of ferns—Gullett & Sons, 1st; George M. Brinkerhoff, 2nd; George A. Kuhl, 3rd.

One hanging basket *Spregeri*—Gullett & Sons, 1st; George M. Brinkerhoff, 2nd.

Basket of foliage plants for effect—George A. Kuhl, 1st; George M. Brinkerhoff, 2nd.

Two widow boxes, 5 ft. by 8 ins., filled—George A. Kuhl, 1st; George M. Brinkerhoff, 2nd.

One fern dish filled—George M. Brinkerhoff, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

Twenty Easter lilies, one bulb to pot—Janssen Seed & Floral Co., 1st; George A. Kuhl, 2nd.

CUT FLOWERS—ROSES.

American Beauty roses, 25 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, 2nd; Gullett & Sons, 3rd.

Richmond roses, 50 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, 2nd; A. C. Brown, 3rd.

Killarney roses, 50 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, 2nd; Gullett & Sons, 3rd.

White Killarney roses, 50 flowers—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd; A. C. Brown, 3rd.

New variety rose, last season's introduction—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd; A. T. Hey Floral Co., Maywood, 3rd.

Kaiserin Augusta Victoria, 50 flowers—Capitol Greenhouses, 1st; Janssen Seed & Floral Co., 2nd.

My Maryland, 50 flowers—Capitol Greenhouses, 1st; A. T. Hey Floral Co., 2nd; Janssen Seed & Floral Co., 3rd.

Six varieties, 25 blooms each, American Beauty roses excepted—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd; Capitol Greenhouses, 3rd.

Collection of chrysanthemums, greenhouse grown, 50 blooms, two varieties of 25 blooms each—Gullett & Sons, 1st; A. T. Hey Floral Co., 2nd.

One hundred lily of the valley, cut—Poehlmann Bros. Co., 1st.

Fifty chrysanthemums, any variety—Poehlmann Bros. Co., 1st; J. D. Thompson Carnation Co., 2nd; Gullett & Sons, 3rd.

Display of cut orchids, no less than 50 blooms—A. T. Hey Floral Co., 1st.

CARNATIONS.

Fifty blooms, white—J. D. Thompson Carnation Co., 1st; Poehlmann Bros. Co., 2nd; Bassett & Washburn, Chicago, 3rd.

Fifty blooms, flesh pink—J. D. Thompson Carnation Co., 1st; Bassett & Washburn, 2nd; Poehlmann Bros. Co., 3rd.

Fifty blooms, light pink—J. D. Thompson Carnation Co., 1st; Gullett & Sons, 2nd.

Fifty blooms, dark pink—Poehlmann Bros. Co., 1st; J. D. Thompson Carnation Co., 2nd; Gullett & Sons, 3rd.

Fifty blooms *Enchantress*—J. D. Thompson Carnation Co., 1st; Poehlmann Bros. Co., 2nd; Gullett & Sons, 3rd.

Fifty blooms *scarlet*—Bassett & Washburn, 1st; Poehlmann Bros. Co., 2nd; J. D. Thompson Carnation Co., 3rd.

Fifty blooms *crimson*—J. D. Thompson Carnation Co., 1st.

Fifty blooms *variegated*—J. D. Thompson Carnation Co., 1st; A. C. Brown, Springfield, 2nd.

White *Enchantress*, 50 blooms—J. D. Thompson Carnation Co., 1st; A. C. Brown, 2nd; George M. Brinkerhoff, 3rd.

Four vases, 50 blooms each, each vase of distinct variety—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd; J. D. Thompson Carnation Co., 3rd.

One hundred blooms, any color, any variety, seedlings admissible—J. D. Thompson Carnation Co., 1st; Poehlmann Bros. Co., 2nd; Gullett & Sons, 3rd.

ARTISTIC DESIGNS.

Standing cross, 4 feet from bottom of base up—Gullett & Sons, 1st; A. T. Hey Floral Co., 2nd; A. C. Brown, 3rd.

Wreath of flowers on easel, 24-inch—Gullett & Sons, 1st; A. C. Brown, 2nd; George A. Kuhl, 3rd.

Floral arrangement, set piece—Gullett & Sons, 1st; Heimbreyer & Cole, 2nd; A. C. Brown, 3rd.

Dinner table arrangement with accessories on tables, six-foot in diameter, provided by the department—Charleston Greenhouses, 1st.

Basket of chrysanthemums—Heimbreyer & Cole, 1st; Gullett & Sons, 2nd; George A. Kuhl, 3rd.

Basket of cut flowers—George A. Kuhl, 1st; Gullett & Sons, 2nd; A. T. Hey Floral Co., 3rd.

Bouquet of roses—A. T. Hey Floral Co., 1st; Gullett & Sons, 2nd; Heimbreyer & Cole, 3rd.

Bouquet of various flowers—George M. Brinkerhoff, 1st; Heimbreyer & Cole, 2nd; George A. Kuhl, 3rd.

Flat bouquet or spray of roses—Heimbreyer & Cole, 1st; Gullett & Sons, 2nd; A. C. Brown, 3rd.

Flat bouquet or spray of carnations—Heimbreyer & Cole, 1st; A. T. Hey Floral Co., 2nd; A. C. Brown, 3rd.

Bridal bouquet—Gullett & Sons, 1st; A. T. Hey Floral Co., 2nd; George A. Kuhl, 3rd.

Corsage bouquet and usual accessories—George A. Kuhl, 1st; Gullett & Sons, 2nd; A. T. Hey Floral Co., 3rd.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application. From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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TENDER stock outdoors may survive far into the fall in good condition if protected through the early frosts at small expense.

JOHN J. CANNING, the well known specialist in chrysanthemum plants, of Ardsley, N. Y., is studying how to move specimens with 17-foot spread.

SECRETARY ESLER, of the Florists' Hail Association, reports having paid \$30,000 of losses since his return from the convention and booked nearly half a million feet of new business, over one-third of it east of Pittsburgh.

Personal.

Wallace R. Pierson, of Cromwell, Conn., expects to reach home September 25.

Violet Prospects at Rhinebeck.

One of the leading growers of violets at Rhinebeck, N. Y., writes as follows, September 11: "The weather here in July and August was very wet and damp, which forced an abnormal growth in the violet plants, and made them soft. They are now getting affected with leafspot and crown rot, which is the result of the above named conditions."

Remailing Parcel Post Matter.

Complaints have been received by the Post Office department to the effect that parcel post matter is being held for postage in cases where post office addresses are changed because of rearrangements of rural routes. It is pointed out that such post-masters are in error since Section 595, Paragraph 5 of the Postal Laws and Regulations provides for the remailing of parcels without additional postage when post office addresses are changed "on account of the establishment of or a change in rural-delivery service."

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objection has been filed, the following registrations become complete:

Violets Anne Evans and Quaker Lady, by Frank D. Pelicano, 119 Gutenberg street, San Francisco, Calif.

Coleus Yellow Trailing Queen, by the Oak Grove Greenhouse, Tuskegee, Ala.
 Roses Mrs. Bayard Thayer and Mrs. Moorfield Storey, by the Waban Rose Conservatories, Natick, Mass.

Shasta Daisy Mrs. H. G. Selfridge, by A. T. Pyfer & Co., Chicago, Ill.
 September 17, 1915.

JOHN YOUNG, Sec'y.

Chrysanthemum Society of America.

EXAMINING COMMITTEES.

President Wm. Kleinheinz announces the committees to examine new chrysanthemums for the ensuing year as follows:

Boston—Wm. Nicholson (chairman), James Wheeler, Alex. Montgomery. Ship flowers to chairman, care of W. J. Thurston, manager, Boston Flower Exchange, 1 Winthrop square and Otis street, Boston, Mass.

New York—Eugene Dailedouze (chairman), Wm. H. Duckham, A. Herrington. Ship flowers to New York Cut Flower Co., 55 Twenty-second street, New York, care of chairman.

Philadelphia—A. B. Cartledge (chairman), John Westcott, S. S. Pennock. Ship flowers to A. B. Cartledge, 1514 Chestnut street, Philadelphia, Pa.

Cincinnati—R. Witterstaetter (chairman), James Allen, Henry Schwarz. Ship flowers to chairman, Jabez Elliott Flower Market, care of janitor.

Chicago—N. J. Wieter (chairman), George Asmus, Wm. E. Tricker. Ship flowers to chairman, 162 North Wabash avenue, Chicago.

Shipments should be made to arrive by 2 p. m. on examination days to receive attention from the committee. Must be prepaid to destination and an entry fee of \$2.00 should be forwarded to the secretary not later than Tuesday of the week they are to be examined, or it may accompany the blooms.

Seedlings and sports are both eligible to be shown before these committees, provided the raiser has given them two years' trial to determine

their true character. Special attention is called to the rule that sports to receive a certificate must pass at least three of the five committees.

The committees will be in session to examine such exhibits as may be submitted on each Saturday during October and November, the dates of which will be October 2, 9, 16, 23, 30 and November 6, 13, 20, 27.

Due to annexation and the changing of street names the secretary's address now is 2134 West 110th street, Chicago.

CHAS. W. JOHNSON, Sec'y.

The Late Charles F. Hoffmeister.

Charles F. Hoffmeister, of Cincinnati, Ohio, died September 17 at his home in his fifty-sixth year, after an illness of three months' duration. Mr. Hoffmeister was connected with the Hoffmeister Floral Co. for about 14 years. During the last six years he has had his own greenhouse establishment at Ft. Thomas, Ky., where he specialized in the growing of sweet peas.

His wife, Mrs. Augusta P. Hoffmeister, a daughter, Miss Marie A. Hoffmeister, Otto H. Hoffmeister, associated with his brother in the Chas. Hoffmeister Floral Co., and Chas. H. Hoffmeister, an attorney at the Cincinnati bar, survive the deceased. Mr. Hoffmeister was a brother of the Misses Mary and Carrie Hoffmeister and August Hoffmeister of the Hoffmeister Floral Co., of Cincinnati.

Chicago Grand Floral Festival.

BIG PREMIUMS IN VARIOUS CLASSES.

At a meeting of the executive committee of the Chicago Grand Floral Festival, held at the offices of the Poehlmann Bros. Co., September 16, much routine business was transacted. A. Henderson, W. N. Rudd, W. J. Keimel, N. P. Miller, George Asmus and M. Barker were in attendance. Considerable space was reported sold in the trade exhibits' department, including a number of the prominent retailers. Arrangements were made to materially extend the private gardeners' section of the premium list so as to conform to the wishes of exhibitors. A number of additional committees were suggested which will be announced as soon as completed.

The preliminary premium list is now ready and copies may be had on application to N. P. Miller, 179-183 North Wabash avenue, Chicago. The exhibition will be held at the Coliseum, November 9-14, and the liberal prizes include the following:

	1st	2nd	3rd
Class 15A—Best display chrysanthemums, cut flowers, one or more varieties, arranged for effect, to contain not less than 150 large blooms; foliage, smaller chrysanthemum flowers, plants and other accessories permitted....	\$200.00	\$150.00	\$100.00
Class 76A—Best display cut roses, one or more varieties, arranged for effect, to contain not less than 500 flowers, foliage and other accessories.....	125.00	90.00	60.00
Class 31—Best group of chrysanthemum plants arranged for effect, to occupy not less than 150 sq. ft.....	100.00	80.00	60.00
Class 32—Best display orchids (not less than 25 plants).....	100.00	50.00	
Class 46—Best group of palms and decorative plants to occupy not less than 150 sq. ft. of space.....	100.00	75.00	50.00

M. BARKER,
Chairman Publicity Committee.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By first-class florist and gardener; over 20 years experience; age, 37; married, small family. Private place preferred. State full particulars. Address Key 539, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

uation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST, 61 W. Ontario st., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, 'mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By German 33, single quick worker, grower in first-class stock, pot, bedding plants, palms, ferns, chrysanthemums and all greenhouse work. Can come at once. Full particulars in first letter. Address ADOLF GALL, Florist, General Post Office, Milwaukee, Wis.

Situation Wanted—Young man with experience in general greenhouse work and gardening desires position in greenhouse. A person of good habits and industrious worker. Prefer to go east near home in Connecticut, but open to offer from any place. Employed since Spring by Horticultural Dept. of N. D. Experiment Station. Ready Oct. 15. Address CHAS. S. FITTS, 1016 14th St. No., Fargo, N. D.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—At once, experienced greenhouse man; must be good fern grower. RANLPH & McCLEMPENTS, 5936 Penn Ave., Pittsburgh, Penn'a.

Help Wanted—Good all around storeman for Kansas City, Mo., retail store. State full particulars in first letter. Key 558, care American Florist.

Help Wanted—Experienced florists wanted for cut flower departments; no plantsmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address Key 533, care American Florist.

Help Wanted—An experienced florist, designer and store man, to manage the floral department of an old established seed house, located in a large Southern city. Prefer one understanding the seed business. Salary to begin \$100 per month. Address Key 559, care American Florist.

For Sale—Windmill with tanks and pumps. For further particulars call on or address, T. FEHRMAN, 7744 N. Lamon Ave., Chicago.

For Sale—Old established retail florist business. Good location and reasonable rent. Cheap, if sold at once. Milwaukee. Address Key 560, care American Florist.

For Sale—Florist business with large greenhouse 7 room dwelling 1/4-acre lot; all kinds of money made; no competition. All for \$2,700. MRS. WALDO, Chillicothe, Ill.

For Sale—Florists' White Ice Box, 600 pounds capacity; made by Schmidt of Cincinnati; used one year; perfect condition. Cheap, if sold at once. Address Key 551, care American Florist.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175.00; f. o. b. Dayton, \$125.00, cash. Address MRS. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—On account of death of my husband, have 4 greenhouses and dwellings for sale or rent. Splendid location, established 28 years, doing fine business; whatever is in stock given gratis. For particulars call or write. MRS. THERESA VALOM, 838 31st Street, Milwaukee, Wis.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

FOR SALE

4 Greenhouses each 40x120 ft., acre land, good 5 room residence and office building combined. Well stocked for fall and winter trade; located in thriving town in Central Indiana of 25,000 inhabitants. All in first-class condition and doing fine business. Good reasons for selling. Address Key 555, care American Florist.

NOTICE.

John Scott, Florist, Huntsville, Ala., who has been sick for some time has disappeared from his home. He is a Scotchman, speaks with a decided accent. Age, 45 years; height, 5 ft 6 in.; weight, 125 lbs.; dark complexion, turning grey; wears blue serge suit, one upper tooth in right side missing. Any brother florist knowing of his whereabouts, kindly write.

Mrs. J. SCOTT,
Twickenham Hotel Block, Huntsville, Ala.

For Lease or Sale—My new greenhouse, 20x120 and 2 acres of best land, 4 room house, furnished. Greenhouse planted to late sort roses; cutting good ones. Ready market. Will rent cheap to a rose grower for a year. Here is your chance to try a year on the coast. Can do business from your first day in possession. To a good man I will give a good chance. Get busy.

S. L. HAPPER, Florist,
9021 Pacific Ave., Tacoma, Wash.

For Rent--Chicago

Store at 1139 Loyola Ave., near the corner of Sheridan Road. Splendid stand for live florist. No competition. Right opposite Loyola station, Northwestern L. Steam-heated building. Rent low to good tenant. Enquire in Maguire Drug Store, 6543 Sheridan Rd., Chicago

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 3 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

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54 and 56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World

We are in a position to handle consignments of any size, large or small.
Prompt remittances made immediately goods are sold.

Pittsburgh.

HOT WEATHER AND DULL TRADE.

Market conditions are practically unchanged from last week, so there is little we can offer in the way of news that has not been read before. The hot weather continues to bless us. Asters, good and poor, are flooding the market, and there are plenty of gladioli. Lilies and American Beauties are also in good supply. Business is on a slump for the present, but not much can be expected during this torrid heat. The far-sighted florists are taking advantage of the opportunity and are ordering their stocks of fall supplies and accessories now, instead of waiting until later, when time is money.

NOTES.

Wm. Loew returned from his convention trip September 11, reporting a delightful time. During his sight-seeing in Winnipeg he was arrested by a park policeman, charged with being a suspicious person. He proved later, however, that he was merely a visitor, just killing time, and had nothing up his sleeve as was suspected, whereupon he was released.

News comes from Clearfield, Pa., that Harry Bock, a florist of that place, discovered the cave of Davy Lewis, while hunting near Bedford. Lewis was the famous outlaw of 1815, who robbed to aid the poor families in and around Bedford.

The Woodville Floral Co., operating a range of glass at Woodville, has opened a new retail store on South Main street, West End, formerly called the borough of Temperanceville.

Wm. Colligan has resigned his position as floor salesman at the Pittsburgh Cut Flower Co.

Nick Marron has returned from a long stay at Cambridge Springs, Pa.

Visitors: Jos. Thomas, Greensburg, Pa.; J. C. Sisley, Washington, Pa.

G. M.

Cincinnati.

DEMAND GOOD BUT SUPPLY HEAVY.

The demand in the market is active and steady, but is not as yet strong enough to take up the entire large supply of stock we are having at the time of this writing. The demand from out of town is good. Roses are in a large supply and generally of a pretty good quality. The list includes American Beauties, pink and white Killarney, Radiance, Ophelia, Russell, Taft and My Maryland. Easter lilies are plentiful and very good. Carnations are in a pretty good supply and excellent quality for the time of the year. Asters receipts are very heavy. Large cuts of good dahlias are coming into the market. Other offerings include gladioli, rubrums, a few auratum and lily of the valley and cosmos.

NOTES.

G. A. Beckman and wife, of Middletown, were in town last week buying stock for the floral parade in their city, scheduled for September 30. Other out

of town buyers were Walter Gray and Henry Lodder, Hamilton, Ohio; Fred Rupp, Lawrenceburg, Ind.; G. W. Frisch, Dayton, Ohio, and Mrs. Lampert, Xenia, Ohio.

C. E. Critchell recently furnished large quantities of wild smilax to Julius Baer, for the opening decoration at Kline's, also to Max Rudolph for the opening at the Alms & Doepke stores, and to the E. G. Hill Floral Co. for the Gidding store.

Visitors: Julius Dilloff, representing Schloss Bros., New York, and I. Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia, Pa. H.

Cleveland.

SUPPLY OF STOCK DIMINISHES.

There is considerably less stock on the market this week than previously reported. Asters are on the toboggan, and stock now is generally small and poor. The extreme hot weather, and then the heavy rains, have nearly put outside stock out of the running. Gladioli still arrive in quantity and meet with a fair demand. Summer lilac, larkspurs and gaillardias are in good supply and clean up daily. Lily of the valley has been more plentiful. Orchids have been very scarce for some time. Easter lilies are equal to the demand. The warm weather has made dahlias very soft and they fall quite easily. Roses have shortened up some also, although just about enough to meet demands are arriving. American Beauties are good stock, with the demand excellent, and Kaiserin roses are still arriving. Ferns and adiantum are in good supply. The demand for flowers has been steadily increasing.

NOTES.

Geo. W. Smith, of the Cleveland Florists' Exchange, arrived home September 19 after a seven weeks' trip through the west. He is feeling fine and looking well. Mrs. Smith, who has been in poor health for some time, remained in Colorado and will not return until she regains her health.

Last week was "style show week" and, as usual, the local florists got a few of the prizes. The Smith & Fetters Co. received honorable mention, and the J. M. Gasser Co. retail store was awarded a prize for its window.

The Cleveland Florists' Club bowling tournament will be held during flower show week, November 10-14. All who wish to take part in games please notify C. J. Graham, chairman of committee.

Johnson's Seed Store is offering a fine lot of fancy plants, such as swainsona, mignonette, cineraria, calendula and stocks.

R. Schiller, of Schiller the Florist, Chicago, stopped in Cleveland this week on his way east. C. F. B.

ATLANTA, GA.—Ralph S. Deans, well-known florist, has purchased one-half interest in the West View Floral Co., and has become manager of that concern.

Dayton

STYLE WEEK BRINGS ACTIVE BUSINESS.

This week has been an active one in the florist business in our city, "Style week" among the merchants, calling out all palms and decorative plants from the florists, each one getting his share of the business, as every live merchant gaily dresses up his store for the occasion. Quantities of southern smilax were used also. The extremely hot weather which prevailed for the past week has about cleaned out the aster crop, but dahlias are taking their place. Funeral work kept all florists busy this week, business being unusually good the past four days.

NOTES.

The opening of the New Miami hotel, October 8, will call out all the best there is in plants and cut flowers, as more than 3,000 tickets have been sold for the charity ball given in connection with the event. Matthews, the Florist, has "carte blanche" order for the decorations both inside and out.

Miss Grace Hopper has severed her connection with Matthews the Florist and taken a position with Miami Floral Co., in their store at the Rike-Kumler Dry Goods Co.

Miss Dorothy Duerr of Newark, O., who has been employed by the Livingston Seed Co. at Columbus, Ohio, has accepted a position with Matthews, the Florist.

E. E. Schaeffer, manager of the Advance Floral Co., is again in business, having opened up a fine store on South Main street this week. He reports good business.

C. W. Hoffman, nurseryman, outside the city limits, has several acres of gorgeous dahlias. His entire crop is purchased by W. G. Matthews.

Miss Ethelyn Ruhl, of Lexington, Ky. and Gus Hirsch of this city will have charge of W. G. Matthews' new store in the Miami hotel.

Matthews, the Florist, will decorate the remodeled market house, using two hundred palms, 50 baytrees and 10 cases of southern smilax.

Dayton Floral Co. had two very busy days with funeral work for Franklin, making the trip both days in their big Buick truck.

Ed. Bissell, formerly with John Bohner, florist, is now private gardener for John Stoddard in Dayton View.

W. G. Matthews is in Chicago buying supplies for his new store in the Miami Hotel which opens October 8.

Bartholomew, south Broadway florist, reports an unusually good week on funeral work.

M. Ramsey of Bellbrook has some fine late asters that find a ready market.

Visitors: Mrs. Jake Lampert, Xenia, O., Mr. Fletcher of Peters & Reed, Zanesville, Ohio, Mr. Todd of the Reeser Plant Co., Springfield, Ohio, Mr. Steiger of Robt. Craig Co., Philadelphia, Pa. M. I. M.

Dreer's Herbaceous Peonies

We will begin to dig this season about September 15th, over one hundred thousand roots of the following choice varieties of our own growings, true to name, strong divisions, with from 3 to 5 eyes.



Double Herbaceous Peony.

	Par doz.	Per 100
Asa Gray. A very distinct flower, bright lilac, sprinkled with minute dots of deeper lilac in such a manner as to appear dusted on; blooms very large; mid-season.....	\$3 50	\$25 00
Andra Lauries. Strong vigorous grower with medium sized flower of deep Tyrian rose. \$30.00 per 1000....	1 50	10 00
Augustin D'Hour. Brilliant dark red with slight silvery reflex. Very large, compact, bomb-shaped flower; mid-season.....	4 00	30 00
Arthemisa. A strong grower of upright habit, free bloomer in clusters, large, violet-rose with light mauve shadings. A good mid-season variety. \$140.00 per 1000	2 00	15 00
Agnes Mary Kelway. A tall, vigorous-growing variety of good habit and free bloomer, light violet rose with creamy white center, mid-season, very showy. \$140.00 per 1000.....	2 00	15 00
Couronne d'Or. Immense ball-shaped blooms, snow white with golden yellow stamens and delicate carmine markings on the central petals. Strong upright growth; one of the choicest late flowering varieties. \$225.00 per 1000.....	3 50	25 00
Charlemagne. A very vigorous grower with strong stems and large compact, globular flowers. Lilac-white with a slight blush center. \$100.00 per 1000.....	1 75	12 00
Canary. One of the freest blooming varieties, of medium size; pure white guard petals with amber white center. \$100.00 per 1000.....	1 75	12 00
Delachei. Very large cup-shaped flowers, deep crimson-purple, a strong grower and free blooming mid-season variety. \$140.000 per 1000.....	2 00	15 00
Duka of Wallington. An ideal cut-flower variety, large, well-formed flowers on long stiff stems, color sulphur-white, quite fragrant, one of the finest mid-season sorts. \$100.000 per 1000.....	1 75	12 00
Duchessa de Namours. Superb cup-shaped flowers of sulphur-white changing to pure white. Particularly beautiful in the half-open bud state. \$100.000 per 1000	1 75	12 00
Dr. Caillot. Blooms on long stems, brilliant Tyrian rose. A very striking late flowering variety.....	3 00	20 00
Duc de Cazes. Another of the really first-class Peonies for all conditions, never failing to produce an abundance of flowers for Memorial Day. Upright growth with large flat flowers of perfect shape, fine bright pink shaded violet, lighter center and silvery reflex. \$100.00 per 1000.....	1 75	12 00
Edouard Andra. Compact growing variety, with globular semi-double flowers of dark carmine violet with metallic reflex, and golden yellow stamens. \$100.00 per 1000	1 75	12 00
Eduis Superba. The earliest variety in our collection, being frequently a week ahead of any other sort, making it particularly valuable for Decoration Day sales in late seasons or in latitudes where other sorts will not bloom previous to that date. Also a variety which has done well, blooming freely under the most adverse conditions. Flowers of a deep rose pink with lighter shadings. \$180.00 per 1000.....	2 50	20 00

	Per doz.	Per 100
Eugene Verdier. Immense globular flowers, delicate flesh color deepening towards the center, tall stately grower and profuse bloomer, distinct and desirable.....	3 50	25 00
Felix Crousse. The ideal self-colored red Peony, large globular and compact, an even shade of bright red without trace of any other color, a strong vigorous grower with long stems make this variety one of the most important commercial cut flower sorts. \$200.00 per 1000.....	3 50	25 00
Francois Ortegat. Brilliant crimson; full double flower, one of the richest dark varieties. \$140.00 per 1000.....	2 00	15 00
Festiva Maxima. This truly superb variety, the finest white in cultivation, has for nearly three-quarters of a century been the standard by which all other sorts have been judged. A giant in growth. No other variety combines the wonderful purity of color, freedom and earliness of flower, and handsome foliage as this "Queen of Peonies." This variety is probably better known throughout the world than any other. \$180.00 per 1000.....	\$2 50	\$20 00
Louis van Houtte. One of the most conspicuous of the dark colored varieties, blooms are produced in clusters on strong upright stems well above the foliage, color rich dark crimson, developing a slight silvery tip as the flowers age, making quite an attractive color combination. \$100.00 per 1000.....	1 75	12 00
L'Eclatante. Very large, showy, compact, brilliant, red flowers in clusters, vigorous growth, extra good commercial mid-season variety. \$140.00 per 1000.....	2 00	15 00
L'Indispensable. Immense flowers of a delicate lilac pink with darker shading towards the center. Tall, upright grower and profuse bloomer. A very desirable late-flowering variety. \$140.00 per 1000.....	2 00	15 00
Lady Bramwell. A beautiful silvery-rose of fine form, a free-blooming and vigorous growing variety, together with the beautiful soft colored flowers make this one of the particularly attractive mid-season cut flower sorts. \$140.00 per 1000.....	2 00	15 00
Mme. Calot. One of the best of the early sorts, large flowers of a pale hydrangea pink color. Very delicate when cut in bud state. \$180.00 per 1000.....	2 50	20 00
Mme. de Vernaville. Beautifully formed flower, very broad sulphur white guard petals and compact white center, touched carmine. A most chaste mid-season variety. \$140.00 per 1000.....	2 00	15 00
Mme. Ducl. Perfectly formed globular flower, dwarf, vigorous habit, color bright silvery pink with salmon shadings and silvery reflex. Magnificent cut flower variety and fine bedder.....	3 50	25 00
Maria Jacquin. A variety especially adapted for landscape work, flowers semi-double, almost pure white with the yellow stamens partly visible in the center. Very aptly named "Water Lily Peony." \$140.00 per 1000.....	2 00	15 00
Mme. Boulangier. A very choice delicate colored variety; in form not unlike a decorative cactus dahlia. The flowers of a soft lilac tinted white are formed of broad, regularly arranged petals of great substance, greatly enhancing the lasting qualities.....	5 00	40 00
Meissonier. Large convex blooms on long stems, guard petals brilliant purple red, centre deep crimson. A splendid self-colored variety. \$140.000 per 1000.....	2 00	15 00
Mons. Jules Elia. Probably the largest flowered Peony in cultivation; color pale lilac-rose with silvery reflex. Strong grower, pleasing fragrance and early.....	6 00	45 00
Ne Plus Ultra. Semi-double, pure mauve, early to mid-season variety. \$90.00 per 1000.....	1 25	10 00
Princess Galitzin. Medium size pale lilac rose colored flowers in clusters, center of bloom composed of many narrow threadlike creamy white petals. \$140.00 per 1000	2 00	15 00
Queen Victoria. A strong growing pure white variety with creamy white center. One of the most popular standard cut flower varieties. \$90.00 per 1000.....	1 50	10 00
Rosea Elegans. Tall upright habit; color pale lilac-rose with creamy white center, pleasant fragrance. \$140.00 per 1000.....	2 00	15 00
Reina das Rosas. Early, medium-sized compact flowers of bright violet-rose with lighter shadings in the centre. \$140.00 per 1000.....	2 00	15 00
Victoria Modesta. Very large flowers of bright lively violet-rose with salmon center. \$100.00 per 1000.....	1 50	10 00

The following Early Flowering Varieties in Imported Stock Ready Early in October.

Officalia (Mutabilis) Alba. Blush white...\$1.50 per doz.; \$10.00 per 100
Officalia (Mutabilis) Rosa. Soft plk... 1.50 per doz.; 10.00 per 100
Officalia Rubra, Crimson..... 1.25 per doz.; 8.00 per 100

Tenuifolia flora plana (Fern-leaved). Double crimson.....	2.00 per doz.;	15.00 per 100
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Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above is intended for the trade only.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--VALLEY--CARNATIONS--BEAUTIES

Cattleyas=White Dendrobiums=Yellow Oncidiums=Gardenias

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$3.00
30 to 36 in.....	2.50
24 in.....	2.00
18 to 20-in.....	1.50
Short..... per 100, \$4.00, \$8.00, \$10.00	

Mrs. Chas. Russell

	Per 100
Specials.....	\$15.00
Long.....	\$10.00 to 12.00
Medium.....	6.00 to 8.00
Short.....	\$2.00, \$8.00, 4.00

Hoosier Beauty

	Per 100
HADLEY } Special..	\$10 00
OPHELIA } Long....	8.00
SUNBURST } Med. ...	\$5.00 to 6.00
MILADY } Short...	3.00 to 4.00
FRANCIS SCOTT KEY	8.00 to 12.00

RICHMOND	Per 100
BULGARIA	
AARON WARD	Specials.....\$10.00
KILLARNEY	Long.....\$6.00 to 8.00
WHITE KILLARNEY	Medium.. 4.00 to 5.00
KILLARNEY QUEEN	Short.... 2.00 to 3.00
" BRILLIANT	

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, 2.00

MISCELLANEOUS

	Per 100
Daisies, Shasta	1.00
Gladioli.....	3.00 to 4.00
Smilax.....doz.	\$2.00
Plumosus and Sprengeri.....	2 00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.25
Leucothoe .....	.75
Mexican Ivy.....per 1000,	\$6.00
Ferns, new crop.....per 1000,	2.00

ORCHIDS

	Per doz
Cattleyas.....	\$7.50 to \$9
White Dendrobiums.....	6.00 to 7
Yellow Oncidiums	per 100, 4

GARDENIAS

Per doz	\$2.00 to \$3
---------------	---------------

EASTER LILIES

Per 100.....	\$8.00 to \$10
Per Doz.....	1

LILY OF THE VALLEY

Fancy, per 100.....	\$5
2nd	\$3.00 to 4

CARNATIONS

All colors, per 100.....	\$2.00 to \$3
Short, assorted, per 100.....	1

WILD SMILAX

Per case.....	\$1
---------------	-----

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock

FLORISTS' SUPPLIES

CYCAS LEAVES

Just what you want for base work in designs and wreaths, 8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish. **Cycas Leaves**, in assortment, 12 to 40 inch, per 100, \$7.00.

American Prepared Oak.

Brown, Red and Green Magnolia Leaves.

12 Bales Moss, - - - - - \$10.00

Daylite Glass Cleaner, Paints, Liquid Putty

50 Assorted Tumbler Baskets (two-toned) with liners, \$10.00

Write for New Design Book (Colored Plates), Each, 50 cent

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Field-Grown Carnation Plants, A1 Quality

	Per 100	Per 1000		Per 100	Per 1000
10,000 Enchantress.....	\$5 00	\$45 00	2,000 Beacon.....	\$5 00	\$45 00
2,000 Philadelphia.....	5 00	45 00	10,000 Champion.....	5 00	45 00
500 Winsor.....	5 00	45 00	500 Gorgeous.....	5 00	45 00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

in. pots 3 plants in a pot	24 in. high	\$1.50
in. pots 3 plants in a pot	38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.		

Kentia Forsteriana

Single Plants	Each
6 inch pots, 5 to 6 leaves, 28 to 30 in. high	1.00
6 inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants	Each
7 inch pots, 3 plants in a pot, 28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub, 50 in. high	5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub, 5 ft. high	8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub, 6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants,
\$15.00, \$18.00 and \$25.00 each.

Kentia Belmoreana

Single Plants	Each
4 inch pots, 5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.	
6 inch pots, 6 to 7 leaves, 24 in. high	1.00
6 inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
6 inch pots, 6 to 7 leaves, 32 to 34 in. high	2.00
7 inch pots, 6 to 7 leaves, 36 in. high	3.00
8 inch tubs, 6 to 7 leaves, 38 in. high	3.50
8 inch tubs, 6 to 7 leaves, 48 in. high	5.00
8 inch tubs, 6 to 7 leaves, 58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.	

Phoenix Roebelenii

Each	
5 inch pots.....	\$1.00
7 inch pots, 22 in. high, 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Massangeana

5 inch pots.....	.75
------------------	-----

QUALITY PLANTS

FERNS.

Boston, Roosevelt and Whitman

Each	100	Each
4-inch pot.....	\$0.50 \$45.00	10 inch pot.....\$2.00 to \$2.50
6-inch pot.....	.75	12-inch pot.. 3.00 to 3.50
8-inch pot.....	1.00	

CROTONS.

Very Fine Colored Stock

Each	100
4-inch pot.....	\$.25 \$23.00
6-inch pot.....	.35 30.00
8-inch pot.....	.50 45.00
10-inch pot, strong.....	.75 70.00
12-inch pot.....	\$1.00 to 1.50

CYPERUS ALTERNIFOLIUS.

Umbrella Plant

4-inch pot.....	\$8.00 per 100
-----------------	----------------

ARAUCARIA EXCELSA

Each	
5 inch, 2 to 3 tiers.....	\$0.50
5 inch, 3 to 4 tiers.....	.60
6 inch, 4 tiers.....	.75
7 inch, 4 to 5 tiers.....	1.00
7 inch, 5 tiers.....	1.50

ARAUCARIA ROBUSTA COMPACTA

Each	
6 inch, 2 to 3 tiers.....	\$1.00
7 inch, 3 tiers.....	1.50
7 inch, 3 to 4 tiers.....	2.00
9 inch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock

Each	100
4-inch pot.....	\$0.35 \$30.00
5-inch pot.....	.50 45.00
6-inch pot.....	.75

CYCLAMEN. Best German Strain.

3-inch pot.....	\$ 8.00 per 100
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SMILAX

2¼-inch pot.....	\$2.50 per 100; \$23.00 per 1000
3-inch pot.....	4.50 per 100; 40.00 per 1000

CALADIUMS, Fancy Leaved.

5 and 6 in. pots.....	.25c, 35c, 50c, 75c and \$1.00 each
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ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

BEGONIA VERNON

In bloom.....	4-inch, 10c each; \$10.00 per 100
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CHRYSANTHEMUMS

NOW READY—Extra large Yellow Frost, very fancy, \$2.50 to \$3.00 per doz.
 Good medium Yellow Frost, \$1.50 to \$2.00 per dozen; Good medium
 White, \$1.50 to \$2.00 per dozen. Small Yellow Sprays, per bunch, 50 cents.

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$3.00
24-30 in. stems.....		2.00
15-20 in. stems, New Beauties.....	\$1.00 to	1.50
Shorter lengths.....	per 100,	\$3.00 to \$6.00
Russell		Per 100
Specials.....		\$12.00
Extra long.....	\$8.00 to	10.00
Good medium.....		6.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100
Special.....		\$8.00
Long.....		6.00
Medium.....	4.00 to	5.00
Short.....		3.00

White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$6.00 to \$8.00
Medium.....		4.00 to 5.00
Short.....		3.00

Cecile Brunner..... per bunch, 25c

CARNATIONS.

Pink, White, Red (indoor).....	2.00 to	\$3.00
Choice EASTER LILIES.....	\$1.00 per doz.	
LILY OF THE VALLEY.....	4.00 to	5.00
ASPARAGUS SPRAYS and SPRENGERI.....	2.00 to	3.00
FERNS, new Wisconsin.....	1000,	\$1.50
GALAX, bronze and green.....	per 1000,	\$1.00

ROSES in lots of 300 or more at the rate of \$25.00 per 1000

CHRYSANTHEMUMS —Yellow, large.....	\$2.50 to	\$3.00 per dozen
Yellow and White, medium.....	1.50 to	2.00 per dozen
Small Yellow in sprays, per bunch.....		50 cents

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

After October 1st, 178 North Wabash Avenue.

LONG DISTANCE PHONE,
CENTRAL 1457.

OFFICE and STORE,

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

131 N. Wabash Ave., CHICAGO, ILL.

Chicago.

TRADE IS IMPROVING.

Business is much better at this writing that it has been for some time, and stock the opening of the present week was none too plentiful. Carnations are selling better and at times the markets is completely cleaned up, and it is impossible to fill all orders. Asters have seen their best days, and what little stock is arriving is of poor quality and shows the effect of the weather. Gladioli are still seen in good supply, but the receipts have dropped off considerably the past week, and while the season is nearly over, some fairly good stock is still being offered. Outdoor stock in general is not as plentiful as it has been, and in another week or so will not be much of a factor in the market, so an advance in prices in indoor flowers may be expected. Chrysanthemums are in good supply and have improved wonderfully in quality the past week. American Beauty roses are none too plentiful and what fancy stock is arriving is cleaning up nicely at good prices. Mrs. Chas. Russell roses are in good demand and are cleaning up well each day. Some especially fine Killarney, Killarney Brilliant, White Killarney, Sunburst, Milady, Ophelia, Hoosier Beauty and Hadley are arriving, but like all the other roses are selling readily. Gardenias are in much better supply and the same holds good for orchids, especially cattleyas, dendrobiums and

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

58 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

58 East Randolph Street,
CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

oncidiums. Lily of the valley appears to be more plentiful than it has been, but continues to clean up at an early hour. Cecile Brunner, George Elgar and Fireflame roses are to be had and are being used largely in corsage and basket work. Lilies are in good supply and in fair demand. While short roses in general are arriving in larger quantities, there is a good market for them, but taken all in all business this week is starting off fine, and as the writer predicted in last week's market report, certain items are scarce and will continue to be for some time if business is at all good. The retail as well as wholesale florists report an improvement in trade, and it looks as

CUT FLOWERS

Everything Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.

ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

if the fall business has opened up in earnest. The shipping trade is remarkably good, and is steadily increasing. The wholesale stores will all remain open until 6 p. m. week days commencing Friday, October 1, which all out-of-town buyers should bear in mind when ordering.

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

BIG CROP CARNATIONS FANCY

Place your Carnation order with us for we are cutting over 10,000 fancy blooms per day from indoor stock and can fill your order best. **Try Us.**

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

	Per 100
Richmond.....	} Extra select..... \$7 00 Select..... 6 00 Medium..... 5 00 Short..... \$3 00 to 4 00
Killarney.....	
White Killarney ...	
Killarney Brilliant	
My Maryland.....	
Sunburst.....	
Milady.....	
Ophelia.....	

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50
Select.....	1 00
Medium.....	75
Short.....	50

Per 100

ROSES, our selection..... \$3.00

Carnations.....	1.00 to 3.00
Chrysanthemums, yellow, doz., \$2.00 to	3.00
Harrisii.....	10 00 to 12 50
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 00 25

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

ROSES

Per 100

Mrs. Chas. Russell—	
Good.....	\$4.00 \$6.00 \$8.00
Mrs. Chas. Russell—	
Extra Fancy.....	\$10.00 to \$12.00
Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—	
Long.....	\$5.00 to \$6.00 per 100
Medium.....	3.00 to \$4.00 per 100
Short.....	2.00 per 100
New Crop Carnations...	\$2.00 per 100
Lilies.....	\$10.00 to \$12.00 per 100
Gladioli.....	1.50 to 2.00 per 100
Lily of the Valley.....	4.00 per 100
Ferns.....	2.00 per 1000

Order here and get satisfaction

NOTES.

Bassett & Washburn, the well known wholesale florists, have leased new quarters in the Le Moyne building, where the E. C. Amling Co. and the A. L. Randall Co. are now located. Bassett & Washburn will occupy the store on the main floor, one door north of the E. C. Amling Co., which is 21x120 feet, and also the basement, which includes the space beneath the sidewalk. Their new lease reads to May 1, 1921, and C. L. Washburn says that they expect to move into their new home

about October 1, after which date their business address will be 178 North Wabash avenue. An entire new set of store fixtures, including an icebox, will be installed, as well as an ice machine. The change in location should prove to be very beneficial, for this is one of the best stands in the great central market located on the ground floor.

F. H. Sherwood, son of Chas. Sherwood, well known florist of Waterloo, Ia., was in the city this week on business connected with the remodeling of

a part of his father's range, which was destroyed by fire a short time ago. Mr. Sherwood leaves the business almost entirely in charge of his sons, F. H. and Albert, who look after the greenhouses, and Herbert W., who has charge of the store.

Miss Carrie Zech, who has been confined to the Presbyterian hospital with neuritis for several weeks, was able to go home this week and her many friends in the trade will be pleased to hear that she is in better health than she has been for some time.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO

BEAUTIES-ROSES-CARNATIONS

Weiland & Risch are showing a few blooms of their two new pink roses Champ Weiland and Feamma at their store this week. The variety Champ Weiland looks better to the writer every time he sees it, for it appears to be full of life and has the rose Mrs. Chas. Russell backed off the boards as far as color is concerned.

Martin Reukauf, with H. Bayersdorfer & Co., Philadelphia, Pa., and wife, passed through the city September 19, on their way home from San Francisco, Calif., where they attended the S. A. F. convention and took in the sights at the Panama-Pacific exposition.

J. C. Craig has been busy with funeral work the past week at his store at 120 South Wabash avenue, and at the time of the writer's visit the Craig boys were making up a casket cover of lily of the valley in addition to several other large designs.

A. Vanderpoel, 4013 Colorado avenue, says that his wife, who broke her hip some time ago, is recovering as nicely as can be expected, and that if nothing unforeseen happens she will be removed from the hospital to her home this week.

Miss Martha Gunterberg writes from Portland, Ore., that she is having a delightful time in the mountains, where her party is doing most of their traveling on horseback. She is expected home in another week or two.

A. L. Vaughan & Co. report a noticeable increase in their shipping trade this week. Their local trade is also improving and stock of all kinds is cleaning up well right along now at this establishment.

Andrew Benson, superintendent of the Bassett & Washburn greenhouses, is attending the state fair at Springfield this week, where Belle Washburn, the firm's new seedling carnation, is on display.

Al. Fischer, 2737 North Clark street, is having a good time in his Buick automobile, which was stolen from him the first week he had it, but was recovered by the police after a careful search.

Joseph Ziska & Sons are rapidly outgrowing their present quarters, due to increasing business, but manage to get out all orders on time, notwithstanding the fact that they are crowded for room.

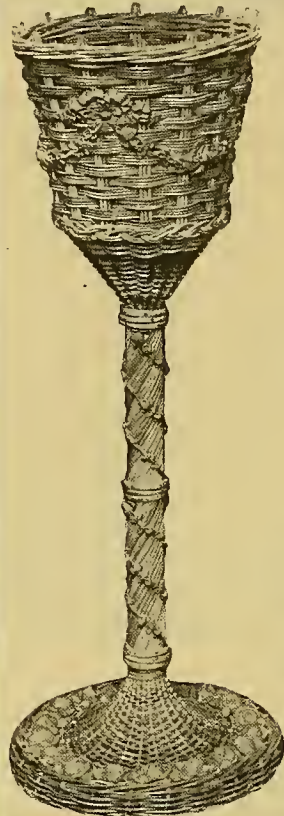
The John C. Moninger Co. is building a private conservatory for Joy Morton at Wheaton and also one for Mrs. Maurice Rothschild on South Michigan avenue.

George Reinberg's wholesale store looks splendid since it has been painted, and meets with the approval of Manager Northam and his able force of assistants.

John Poehlmann, Jr., and A. F. Longren have charge of Poehlmann Bros. Co.'s exhibits at the state fair at Springfield this week.

Louis Ancarola has returned from Wisconsin, where he spent his vacation, and is back on the job at the A. T. Pyfer & Co. store.

D. E. Freres' wholesale store looks real classy since the proprietor has dolled it up and presents a most inviting appearance.



JARDINIERE STAND BASKET

Best and Most Attractive Basket for Window and Store Display.

Width, 10 inches; depth, 9½ inches, height over all, 36 inches.

Natural	White Enameled	Gold or any	
Stained	or Ant. Green.	2 tone	
\$2.15	\$2.50	\$3.00	\$3.50

The same basket, finely decorated and hand painted \$1.50 more.

ASSORTMENT

25 Small Cut Flower Baskets Including Liners **\$7.50**

Just the styles you need for your fall and winter trade. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. **Order Today.**

RAEDLEIN BASKET CO.

713 Milwaukee Ave.

CHICAGO

MILADY ROSES

\$4 00 to \$10.00 per 100

	Per 100		Per 100
Russell	\$4.00 to \$15.00	Killarney	\$2.00 to \$8.00
Killarney	3.00 to 8.00	White Killarney	2.00 to 8.00
Ophelia	3.00 to 8.00	Cecile Brunner, bunch,	35c ea.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave.,

L. D. Phone, Randolph 5449.

Chicago

C. B. LeMer, with Simpson's, 3656 Ogden avenue, has returned from a delightful vacation spent at Rockford and Beloit, Wis.

Ksawery Wojthiewicz, who is building a new range of greenhouses at Niles, will devote the entire place to carnations.

Fritz Bahr, Highland Park, has just purchased a new refrigerator from Buchbinder Bros., 518 Milwaukee avenue.

O. A. Tonner, who is spending her vacation with relatives in Minnesota, is expected home next week.

George Manos, the Union Depot Florist, and wife are back from a pleasant visit in Michigan.

J. E. Lapes and wife, Cedar Rapids, Ia., visited friends here a few days this week.

Ralph Bather, son of Andrew Bather, Clinton, Ia., is visiting friends at Austin.

Extra Fine Beauties Roses and Carnations

**LILIES - VALLEY - ORCHIDS
ASTERS-GLADIOLI-GREENS**

If you are not already one of our
customers—start being one today.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

**Z M
E A
C & N
H N**

Russell Roses

Large supply of magnificent stock in all lengths. This stock is equal to the best and better than the general run of stock now offered in this market.

WHITE Mums YELLOW

Splendid Stock—All the Best Seasonable Varieties.

Carnations

Carnations are improving wonderfully in quality and the stock we are offering is unusually fine for this season of the year. We have all the best new as well as all the leading standard varieties so order from us.

Everything in Seasonable Cut Flowers and Greens.



**WE ARE WHOLESALE FLORISTS DOING
A STRICTLY WHOLESALE BUSINESS.**

30 E. Randolph St.,

L. D. Phones
Central } 3283
3284
Automatic, 42-965

Chicago

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

A. Lange started the ball rolling this week by doubling his usual fall advertising space in two of the leading morning dailies with splendid results. Manager R. J. Mohr says that business is much better than it has been and that they have made a feature of gladioli the past few days. Miss Bupert will succeed Miss Olsen as book-keeper, who resigned for the same reason that many other charming young ladies do, and that is—well, coming events cast their shadows before. Miss Hass, another one of Mr. Lange's faithful employes, will act as cashier. Anthony Pagleno is again attending to his duties at the store after enjoying a pleasant visit at Oak Park.

At Poehlmann Bros. Co.'s store the receipts of gardenias are considerably larger and choice stock in the line is obtainable at this store. The shipping trade continues to be very brisk at this hustling establishment and the force is kept on the jump at all times to fill and pack the steady stream of orders that keep continually arriving.

H. Van Gelder, the able manager at Percy Jones' wholesale store, does not use the street cars much these days since he bought his new Buick roadster. He is on the job at his place of business every day and has his chauffeur bring him down to work each morning and take him home at night in his car.

George Heim & Co., who succeeded Heim Bros. when they dissolved partnership at West Pullman, July 1, 1915, when his brother Ed sold out, has everything running along smoothly at his new range and also the one that he rebuilt and has all told about 85,000 feet of glass.

Phil Schupp is well pleased with the increase in shipping orders at J. A. Budlong's store this week and trade was so brisk that he was obliged to give the boys a hand in the shipping department.

John Sinner says that business at Sinner Bros.' store is very good this week and that stock is selling readily at much better prices than heretofore.

LARGE YELLOW 'MUMS-BEAUTIES

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

VALLEY--HARRISII--ASTERS--besides

ANYTHING AND EVERYTHING THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Michael Smith, a well known gardener, and vice-president of the Lake Shore Horticultural Society, died at his home in Winnetka, Sunday morning, September 9, from apoplexy. He had been employed at Mrs. J. L. Houghteling's place for a long time and had a host of friends in this vicinity who will be surprised to hear of his sudden death. The funeral was held from the family residence at Winnetka and the body was laid to rest in Memorial Park cemetery. The funeral was largely attended and many members of the society of which he was vice-president turned out in a body and sent a beautiful floral piece to the home. Mr. Smith leaves a wife and two children, Arthur and Maybelle.

W. G. Matthews, Dayton, O., was in the city this week on business, which was his first visit here since the S. A. F. convention was held in this city. He is opening a new store in the new Hotel Miami and will have his grand opening Friday, October 8, when he will furnish the decorations for the opening of the hotel, when the proceeds of the banquet will be donated to charity. Mr. Matthews has secured the services of Miss Dorothy Duerr, Newark, O., who will look after the trade in the new store.

Matthias Mann, of Zech & Mann, took in the sights at the J. D. Thompson Carnation Co.'s greenhouses at Joliet this week and brings back the report that Superintendent Peterson has everything in splendid condition, especially Aviator, the new carnation which is the chief object of interest. He says that no one will make a mistake in planting a live one, meaning Aviator, next season.

The Chicago Flower Growers' Association and Bassett & Washburn did not receive their stock from Downers Grove and Greggs' station until a late hour Tuesday, September 21, owing to a freak railroad wreck at Western Springs the evening before, when a speeding limited crashed into a car which got loose from a freight train and quite a number of passengers were injured.

Felix Reichling says that he is experiencing no trouble in disposing of all the carnations that Peter Reinberg is cutting even though the daily receipts total some 10,000 blooms. This firm is cutting a good supply of roses, especially white Killarney and Mrs. Chas. Russell.

Philip J. Foley says that Foley Manufacturing Co. shipped its first carload of greenhouse materials to J. A. Young at Mooseheart, which will be used for the magnificent new range that the Loyal Order of Moose is building for the purpose of teaching floriculture to the younger generation, and of which more will be heard from in the future.

O. Johnson, city salesman for the Batavia Greenhouse Co., and Chris. Pederson are two of the best checker players in the market and take great delight in showing their many friends the finer points of the game. Sometimes certain parties are lucky to reach the king row.

Walter Amling, Herbert Amling and Wm. Schmitz of Maywood, and Miss Grages and Allie Zech and Joe Eringer of the Zech & Mann force, and wives, had a little party at Riverview Park, Wednesday evening, September 15.

C. L. Washburn has just received word from Andrew Benson, superintendent of the Bassett & Washburn greenhouses, that their new seedling carnation, Belle Washburn, was awarded first prize at the horticultural display at the state fair.

Wieter Bros. are cutting heavily in carnations which are in good demand and clean up well at their store each day. Business was very good at this house this week with both the local and out-of-town demands brisk.

Poehlmann Bros. Co. and Peter Reinberg are exhibiting at the Prosperity Exposition, which is being held at the foot of Chicago avenue and was officially opened by Mayor Thompson Monday evening, September 20.

Vaughan's Seed Store reports receipt of advices to the effect that its new giganteum lily bulbs are afloat.

Joe Marks, representing the A. A. Arnold Paper Box Co., is back from a successful business trip.

Miller & Musser report a brisk demand for gladioli this week, which they are handling in quantity.

Visitors: Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.; George Dysinger, with the Ionia Pottery Co., Ionia, Mich.; Miss Elsie Coles, Kokomo, Ind.; Mrs. Elizabeth Weissinger and De Witt, of the Beaumont Floral Co., Beaumont, Tex.; J. A. Evans, Richmond, Ind.; J. R. Fotheringham, San Francisco, Calif.

Minneapolis, Minn.

BUSINESS GOOD AND PRICES FIRM.

Roses are arriving in quantities sufficient to meet all demands and prices are holding up well. Carnations are also coming in but are rather short of stem. The demand is in excess of the supply, while gladioli, which are of extra fine quality, have little call. Asters show the effect of rain more than any other stock and sweet peas are about over. Dahlias are seen in quantity and are of the finest quality. Chrysanthemums are a little slow, Golden Glow being the only variety to put in an appearance so far. Roses are offered at from two to six cents, carnations, two cents; gladioli, from one cent to two cents, with asters and dahlias bringing from 50 cents to \$2 per 100. Lily of the valley is scarce at five cents.

NOTES.

The florists' club held a meeting at the Minneapolis Floral Co.'s greenhouses, September 14, with an attendance of 52 members. T. C. Rogers was elected to membership. The main feature of the evening was the address by Theo. Wirth in which he spoke of his travels to the Panama-Pacific exposition and return, mentioning all points of interest along the line as to park systems, planting private estates and said that Portland, Wash., was well named the "Rose City," but that the Minneapolis parks and rose gardens are not behind the times. C. G. Anderson furnished a nice collation with Emil Olson doing the honors.

Oscar Amundson had for a window display 98 varieties of dahlias in single stem glass vases, neatly arranged with names on each variety, and had a large sale on cut blooms and secured plenty of orders for spring delivery.

James Mandes, formerly with the Sunshine Florist, has taken charge of the cut flower department for Boosalis & Papas at Sixth and Marquette streets.

Thomas Lynes and his staff were very busy last week with funeral work and finds his delivery car very convenient in getting out the large orders.

O. H. Carlson, C. F. Rice and J. R. Van Bochove returned from their hunting trip with a nice bunch of ducks, mostly mallards.

W. D. Desmond and a party of friends motored out last Sunday and closed his cottage at Anoka for the season.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS
160 N. Wabash Ave., Chicago
Long Distance Phone: Randolph 6784

MILLER & MUSSER

Wholesale Florists
179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**
Telephone: Randolph 2758
Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO



Minneapolis Floral Co. is cutting some fine Golden Glow chrysanthemums with late varieties looking very fine.

Rice Bros.' store is doing a winter business the past week, according to John Rovick, the cut flower man.

Miss Whitted had a very novel window the other day of bouquets made of cigars and cigarettes.

The Northwestern Wire Works is shipping large orders of designs to the northwest and Canada.

W. H. Bofferding is on the job again after his vacation at the state fair.

Visitors: Mr. Metcalf, of A. L. Randall Co., Chicago; Wm. Dykes, with Ed. Jansen, New York; J. R. Van Borchove, of Kalamazoo, Mich.

T. C. R.

HOUSTON, TEX.—John J. Boyle has resigned his position as manager of the Forestdale Flower Shop.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.
174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials.....	\$3 00
" " 36-in.....	2 50
" " 30-in.....	2 00
" " 24 in.....	1 50
" " 20-in.....	1 00
" " 15-in.....	75
" " 12-in.....	50
Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Asters.....	1 00@ 4 00
Carnations.....	1 00@ 3 00
Cattleyas....per doz.,	4 00@ 6 00
Gardenias....per doz.,	3 00@ 4 00
Chrysanthemums.....per doz.,	\$1.50 to \$3.00
Gladioli.....	2 00@ 8 00
Lilium Harrisii.....	10 00@12 50
Valley.....	4 00@ 5 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	1 50@2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings, each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengerii, Plumosus Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wieter Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

FIELD GROWN CARNATION PLANTS

PINK			PINK			WHITE			RED		
	100	1000		100	1000		100	1000		100	1000
Alice.....	\$15.00	\$140.00	Dorothy Gordon.....	\$7.00	\$60.00	Matchless.....	\$8.00	\$70.00	Champion.....	\$8.00	\$70.00
Mrs. C. E. Akehurst.....	12.00	100.00	Gorgeous.....	7.00	60.00	Enchantress.....	7.00	55.00	Beacon.....	7.50	60.00
Mrs. C. W. Ward.....	7.00	55.00	Philadelphia.....	7.00	65.00	Perfection.....	7.00	55.00	Victory.....	7.00	50.00
R. P. Enchantress.....	6.00	50.00	Ruth.....	7.00	55.00	White Wonder.....	7.50	60.00	Comfort.....	6.00	45.00
L. P. Enchantress.....	6.00	50.00				Alma Ward.....	7.00	50.00	Commodore.....	7.00	50.00
Enchantress Supreme	8.00	70.00									

The above varieties we have in large quantity. We have never offered the trade better plants than we have this year. Let us figure on your requirements. We guarantee satisfaction.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

LIGHT DEMAND BUT STOCK GALORE.

Almost record breaking continuous hot weather for this season of the year had a most depressing effect on business, the only demand being of the necessary kind, such as funerals, anniversary occasions, or store openings. There have also been a few early weddings, which helped some. There is a great abundance of flowers; asters, gladioli, roses galore, carnations, dahlias, Easter lilies, in fact, everything that is looked for at this season floods the market to the straining point. Even cattleyas are getting plentiful. The great heat greatly interferes with the handling of the stock, most of which does not keep from day to day. The dahlia men now complain of the drought, there having been no showers for a couple of weeks until Saturday last. The frequent rains of summer induced a strong surface root growth, the plants not finding it necessary to push down for moisture. The hot dry spell soon exhausted this surface moisture and the plants, not having strong tap roots, cannot go down after the reserve supply. Cooler weather and more rain is confidently expected, so that the crop of the next three weeks is expected to be a record breaker. The department stores promise to get more largely in the game and become an increasing factor in the handling of plants and cut flowers. They have lacked in system, but a few well managed trials, directed by men who have furnished the stock and guaranteed them against loss, has opened the way to wider activities along these lines. As an outlet for surplus or overgrown stock, these agencies have been used with great advantage by large growers. In one instance recently, a surplus stock of 500 gardenias from which a winter crop of flowers had been sold were offered as low as \$10 per hundred, but with little sale. They were potted up, and through these agencies disposed of at almost \$50 per hundred. Large lots of crotons, cocus palms, ferns, roses, and, in fact, all kinds of stock that can be handled in quantity, is disposed of with great rapidity. The word "Bargain" works the trick, of course; there must be a big eye for the money. A large block of the stock is placed where thousands pass in an hour, the big price cards, such as a \$1.00 plant for 49c, and the buying spirit, which is so infectious when a crowd gathers, does the rest. The imperfections of one plant are not apparent in a block of 100, nor is there time to discuss it. The sale is made and the money paid, and after it gets home one often wonders why they bought it.

NOTES.

The cyclamen stock of the Robert Craig Co. is coming along splendidly; for months past quantities have been going out to growers who bring them into flower later. Those potted up for the fall and Christmas sales promise to be very fine. Several large houses of chrysanthemums look very promising.

Edward Reid, who is somewhat of a sprinter, has managed to get his sprained tendons in shape again after his strenuous race at the Mitchell contest. He says he will in the future

Wholesale Flower Markets

BOSTON, Sept. 22.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@5 00	
" Double White Killarney.....	1 00@6 00	
" Killarney Brilliant.....	1 00@8 00	
" Hadley.....	1 00@10 00	
" Cardinal.....	1 00@12 00	
" Mock.....	1 00@8 00	
" Mrs. Chas. Russell.....	1 00@12 00	
" Sunburst.....	1 00@8 00	
" Taft.....	1 00@8 00	
" Milady.....	1 00@8 00	
" Ward and Hillingdon.....	1 00@6 00	
" My Maryland.....	50@5 00	
Cattleyas.....	50@75 00	
Lily of the Valley.....	3 00@4 00	
Sweet Peas.....	50@1 00	
Carnations.....	50@1 00	
" select.....	1 50@2 00	

BUFFALO, Sept. 22.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" fancy.....	15 00@20 00	
" extra.....	10 00@12 00	
" No. 1.....	6 00@10 00	
" No 2.....	2 00@3 00	
" Killarney.....	3 00@6 00	
" White Killarney.....	3 00@7 00	
" My Maryland.....	3 00@6 00	
" Killarney Queen.....	3 00@4 00	
" Richmond.....	3 00@6 00	
" Sunburst.....	3 00@6 00	
" Ward.....	2 00@4 00	
" Taft.....	3 00@6 00	
" Ophelia.....	4 00@8 00	
" Mock.....	3 00@6 00	
" Francis Scott Key.....	4 00@8 00	
" Shawyer.....	3 00@7 00	
Lily of the Valley.....	4 00	
Lilies.....	6 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@1 50	
Snapdragons.....	1 00@2 00	
Peas (outdoor).....	buoh, 5c@10c	
Gladioli.....	1 00@2 00	
Asters.....	40@1 50	
Asparagus Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 50	
Smilax.....	15 00	

CINCINNATI, Sept. 22.		Per 100
Roses, Beauty.....	per doz., \$0 75@33 00	
" Killarney.....	2 00@6 00	
" My Maryland.....	2 00@6 00	
" Richmond.....	2 00@6 00	
" Taft.....	2 00@6 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	4 00@8 00	
Asparagus Plumosus.....	per bh., 25c	
Orchids.....	per doz., \$3.00	
Gladioli.....	1 00@3 00	
Dahlias.....	1 00@3 00	
Carnations.....	1 00@2 00	
Rubrum Lilies.....	2 00@6 00	

ST. LOUIS, Sept. 22.		Per 100
Roses, Beauty, medium.....	8 00@15 00	
" short stems.....	4 00@6 00	
" Killarney.....	2 00@5 00	
" White Killarney.....	2 00@4 00	
" Aaron Ward.....	2 00@4 00	
" Sunburst.....	2 00@5 00	
" Ophelia.....	3 00@5 00	
" Radiance.....	2 00@5 00	
" Hoosier Beauty.....	4 00@6 00	
Valley.....	3 00@4 00	
Carnations.....	1 00	
Orchids.....	50 00	
Asparagus Sprengeri.....	per bu., 25@50	
Asparagus Plumosus.....	per bu., 25@60	
Harriail.....	8 00	
Gladioli.....	2 00@3 00	
Smilax.....	1 20@1 50	
Ferna.....	per 1000, 1 50	

confine his activities to keeping ahead in the race for business.

The Leo Niessen Co. are featuring dahlias. They have a wonderful system in handling the stock, which is exceptionally fine. American Beauties and choice asters are also features.

At the central market of the Berger Brothers, dahlias are a feature, many choice varieties from their own farm

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 RANSTAD ST., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

being noted. Select lily of the valley and Easter lilies are also headliners. H. A. Dreer, Inc., are busy filling fall orders for palms and ferns. Their stock of palms, particularly kentias, was never so full, and varied as at this time.

The Joseph Heacock Co. has opened its city store, with Carl Korts in charge as usual. A good season is anticipated. K.

Dreer's Flower Show.
The annual fall flower show of Henry A. Dreer, Inc., Philadelphia, Pa., is scheduled for September 25 to October 2. The display includes dahlias and cannas at Riverview Nursery, phlox at Locust Farm Nursery, perennials, at Riverton and Locust Farm Nurseries, the rock gardens and water lilies and aquatics at Riverton Nursery, decorative plants at Riverton and Riverview Nurseries.

New York.

INTENSE HEAT PARALYZES MARKET.

"The melancholy days," of which the poet warbled, seem to have reached this city and vicinity, anywhere from six weeks to two months in advance. That of course is speaking in a strictly unsentimental sense. The sweltering millions who reside hereabouts, would welcome hail, rain and snow, all in one day, to bring relief from the almost intolerable heat and humidity that has prevailed for the past week. Conditions are so unusual for this time of year that the cut flower business has been practically paralyzed, the temperature day after day, running up into the nineties. The promises of cooler weather are getting to be old stories. A trip through the growing sections, September 15, showed that such weather is having a bad effect on stock. Roses are soft and open too freely, and in some ranges the stem rot is causing uneasiness to carnation growers. As for the outdoor stocks, such weather will soon finish the asters and gladioli, which will be no calamity as both have had a long run. The week closed with very light business as Saturday, in hot weather, is usually a dull day. A thunderstorm that visited the lower part of the city on the afternoon of September 17 somewhat reduced the temperature and the following day was the coolest of the week. The weather sharps predict another warm week, but possibly they may be mistaken.

September 20.—The market opened this morning under somewhat more favorable conditions. A heavy rain on the morning of September 19 reduced the temperature and there is less suffering from heat. Good tea roses and carnations seem to be moving better than any other stocks. As previously noted, the hot spell was very hard on roses, and now passably good stock is selling. The asters are about out, which creates more demand for carnations and the supply has greatly increased during the past week. Some special carnation stock sold this morning at \$1.50 per 100, wholesale, but there is short stock on the market that goes as low as 35 and 50 cents per 100. In our quotations elsewhere we aim to give the average market prices. The supply of chrysanthemums is increasing, very fair stock of Golden Glow and October Frost being now seen. Smith's Advance has not been good at this writing. Cattleya orchids are now plentiful and cheap, as are oncidiums. Gardenias and lily of the valley move slowly, as do American Beauty roses.

NOTES.

Charles Abrams, of Brooklyn, furnished an unusually large basket of flowers, September 20, as a token of good will for the opening of Bedell's new store at Fifth avenue and 34th street, Manhattan. The basket, including handle, was 10 feet high and four feet in diameter. It contained 150 special American Beauty roses and 100 Golden Glow chrysanthemums and a large number of L. rubrums. Laurel and Asparagus plumosus nanus were used for greens. A broad band of American Beauty shade of ribbon inscribed in gold letters, "Best wishes, Bedell's," completed the decoration. It was from the employes of Bedell's Brooklyn store. The arrangement was by J. Spiro and A. Mack, employes of Abrams.

At William P. Ford's, 107 West 28th street, there is evidence of increased prosperity. Mr. Ford has a line of rose, carnation and chrysanthemum growers that is second to none in the country. His fall stock will be of the best, and he has a staff of intelligent and capable salesmen.

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

David Dean, of Charles Millang's staff, has just returned from a vacation spent at Mount Pocono, Pa., and speaks in glowing terms of the delights of that region. Mr. Dean, it may here be stated, is a son of James Dean, a past president of the Society of American Florists.

Woodrow & Marketos, 39 West 28th street, had the church decoration, September 18, for the wedding of Miss Olga Wilborg and Sidney Webster Fish at Easthampton, L. I. The groom is a son of Stuyvesant Fish, a well-known financier and railroad man.

Otto Muller, who recently bought land at Flushing, has finished one house 30x100 feet and has another well under way. He has also erected a good building for boiler house, packing and storage, concrete being largely used in the construction.

Although the hot weather has caused considerable complaint relating to the quality of roses, Joseph A. Millang, who handles the stock from the F. R. and P. M. Pierson ranges, has a constant supply of fine American Beauties and other stock.

Louis Dupuy, Whitestone, is now cutting good gardenias and has a large stock of L. rubrums coming on. The plant features of this range such as heathers, ardisias, dracaenas, and many other plants, are remarkably fine.

At the store of David Clarke's Sons, 2139-2141 Broadway, noteworthy improvements have recently been made in their large show windows which will greatly add to the beauty of their window decorations.

John H. Small, Sr., and wife, of Washington, D. C., visited this city the past week as guests of C. Albert Small and wife, also visiting points of interest in this vicinity.

Jasper McMullen, of Whitestone, has a fine stock of chrysanthemums, carnations and lilies coming on. He is also an extensive grower of bedding plants.

Robert Christatos is now buyer for his father, N. Christatos, of Sixth avenue and 58th street. He is a clever young man and popular with those who know him.

At the range of the Knight & Struck Co., Flushing, Manager Darlington is showing fine stock in heathers, acacias and other plants.

Percy Richter, formerly salesman for E. G. Asmus' Son, is now manager for the United Cut Flower Co., 111 West 28th street.

George J. Polykranas, late with the United Cut Flower Co., Inc., is about to open a wholesale store at 104 West 28th street.

**John Young & Co.**

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Anton Schultheis and wife, who are making an extended tour of the west, are expected home about October 1.

Young & Nugent arranged an elaborate wedding decoration at the Broadway Tabernacle, September 18.

In addition to other good stock, Walter F. Sheridan has recently been handling fine lilies.

Joseph A. Millang, of the New York Cut Flower Co., is receiving fine cattleya orchids.

Victor Dorval's Sons, Woodside, have been making improvements in their range.

J. C. Vaughan of Chicago is visiting in this city.

A. F. F.

BEAVER FALLS, PA.—With asters from all sections of the county, testifying to the value of the seeds which were distributed by the Federal Title and Trust Co., early in the spring, the first annual flower show which was conducted at the company's banking house, September 11, was a huge success from every standpoint.

BUCHBINDER REFRIGERATORS



are rapidly being recognized everywhere as the Best Buy Obtainable. Leading concerns, such as the Geo. Wittbold Co. and Schiller the Florist, Chicago, and many others located elsewhere, recently installed one of our make, and are more than pleased with their choice.

ALL STYLES

We manufacture all the desired styles and have them in all sizes to meet the individual requirements as explained in our catalog. Last week we sold more refrigerators than we did in any one week before, which goes to show that florists are desirous of making the necessary changes before the busy season opens in earnest, and invariably select the Buchbinder refrigerator.

THE BEST BUY OBTAINABLE.

Write for Catalog.

BUCHBINDER BROTHERS

Manufacturers Florists' Refrigerators.

518 Milwaukee Avenue, CHICAGO, ILL.

Columbus, O.

FUNERAL WORK MAINSTAY OF TRADE.

Local florists report both demand and supply rather slow. The social season has not yet opened, and the chief feature of the trade continues to be funeral work. Gladioli are very scarce, although prices remain low. The most plentiful flower is the dahlia, but the last cuttings are being received. The average price is 50 cents a dozen. They will disappear from the market about the time they would be at their height in ordinary years. The rainy weather not only brought about premature blooming, but caused the better yield ever known here. With the scarcity of other flowers there is an increased demand for lilies. Carnations are beginning to come in, but are short-stemmed. They are selling at 50 cents a dozen. In chrysanthemums, Smith's Advance and Golden Glow are on display, but they are somewhat inferior in size and quality. They command \$2, \$3 and \$4 per dozen. Cuttings of roses are more free, and are fairly good stock, considering the season. Fancy-leaf caladiums are an attractive feature of some florists' windows.

NOTES.

A good advertising idea was put into effect by the Fifth Avenue Floral Company during the fall festival event of last week. While the night parades were on, employes of the company were stationed at darkened windows just above the store and dropped flowers on the crowds below. There was a scramble for every bloom, which created fun for spectators as well as participants. A large quantity of roses, carnations and dahlias were given away in this manner.

At a public open-air wedding, which preceded dancing on the asphalt in the

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.....	\$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3 1/2, 2-in. Cov.....	2 25
30x 5x3 1/2 " "	2 50
21x 8x4 " "	2 65
24x 8x4 " "	2 90
28x 8x4 " "	3 25
28x 8x5 " "	3 75
36x 8x5, Teles. Cov.....	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope.....	7 50
36x12x6, Telescope.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

wind-up of the fall festival, T. J. Ludwig, florist, as one of the gift-givers to the happy couple, contributed the bride's bouquet.

"Jack" Smith, florist at the retail store of the Munk Floral Company, is receiving congratulations over having recently joined the ranks of benedicts.

A. L. Munk, of the Munk Floral Company, Mt. Gilcead, O., was visiting relatives and friends in Columbus during the past week.

The Columbus Floral Company, wholesale grower, has increased its capital stock from \$70,000 to \$80,000. C. C. J.

GENESEO, ILL.—The property of the Neal Floral Co., consisting of four acres of land, a new two-story house and five modern greenhouses with heating plant will be sold to settle the estate.

Retail Florists



Place Your Business Before More People

Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING**. Write us for our sample folders, cuts and slides for advertising:

Fall Planting Thanksgiving
Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

MCNEFF-SWENSON CO.

High Grade Floral Publicity.
818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss.....3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.
EVERGREEN, ALABAMA

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



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San Francisco, Calif.

J. B. BOLAND

Succeseeor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

148 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

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A. Graham & Son

5523 Euclid Ave.

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PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address; ALEXCONNELL.
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.
1153 Broadway. Cor. 15th & H. Sts

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists: **NEW YORK**

We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

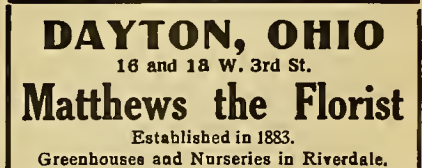
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

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DAYTON, OHIO

18 and 18 W. 3rd St.

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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For Wisconsin Delivery

OF

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

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Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Omaha, Neb.

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- Alpha Floral Co., Des Moines, Ia.
- Adersoo, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalla, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Soa, Cleveland, O.
- Breitmeier's Sons, John, Detroit, Mich.
- Buckhee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Dentoo Floral Co., Dentoo, Tex.
- Duer, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 96 Yonge St., Toronto, Can.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heil & Soa, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Laog Floral & Nursery Co., Dallas, Tex.
- Laage, A., 25 E. Madison St., Chicago.
- Leborius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metallic Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Myer, Florist, New York.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Deaver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldoecchi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Rueter's New London, Conn.
- Renter's, Norwich, Conn.
- Renter's Westerly, R. I.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Simmons & Son, Toronto, Can.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stumpp, G. E. M., New York.
- Walker Co., The F., Louisville, Ky.
- Weiland, M., Evanston, Ill.
- Whitted Floral Co., Minneapolis, Minn.
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John Breitmeier's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.

High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



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Members of Florists' Telegraph Delivery Ass'n.

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PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.,

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Washington, D. C.

Blackstone

14 th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656

Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

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- Albany, N. Y.—Eyles, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—The J. M. Gasser Co.
- Cleveland, O.—Smith & Fetters.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August E. Baumer.
- Louisville, Ky.—Th. F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—Meyer, Florist, 609 Madison Ave.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Heas & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClemlenta.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Hehl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto, Can.—Dunlop's, 60 Yonge St.
- Toronto, Can.—Simmons & Son.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYLES,

Flowers or Design Work

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Sub-
urbs to



All orders carefully filled
under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

New York.

MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop

The
Leading
Florists

69 MADISON AVENUE

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

16
N. 6th St., Ft. Smith, Ark

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to
all Southern and Middle States.

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

**Lang Floral & Nursery Co., Dallas
Texas**

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

SIMMONS & SON
TORONTO, CANADA

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

**Trade
Directory**

OF THE

United States and Canada

Price: \$3.00, Postpaid.

**American Florist Co.,
440 S. Dearborn St., CHICAGO**

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disct
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH.

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing



LILIUM FORMOSUM.

LILIUM FORMOSUM

Let us give you ten names of satisfied growers of our stocks of this.
Per 1000
7-9 inch (250 bulbs to case).....\$60.00
8-9 inch (225 bulbs to case)..... 70.00
9-10 inch (180 bulbs to case)..... 80.00

Narcissus Paper-White Grandiflora

Per 1000
Star Brand (1000 bulbs to case).....\$11.00

PRECOCIUS. Vaughan's Extra Early Grandiflora
Mammoth Bulbs, 14 ctms. and up 12.00

White Roman Hyacinths

Per 1000
11-12 ctms. (2500 to case).....\$21.00
12-15 ctms. "whole crop," about 1800 to case..... 27.00

Callas

Per 1000
1¼-1½ inch.....\$ 50.00
1½-2 inch..... 80.00
2-2½ inch..... 100.00

Cold Storage Lilies

SPECIAL PRICES TO "clean up" Per case
Giganteum, 7-9 inch (300 bulbs to case)..... \$15.00
Giganteum, 9-10 inch (200 bulbs to case)..... 16.50

French, Dutch, Bermuda and California Bulbs in Store

FALL "BOOK FOR FLORISTS." ASK FOR IT

VAUGHAN'S SEED STORE CHICAGO NEW YORK

SMITH'S REVISED Chrysanthemum Manual

The best work on Chrysanthemum culture for the florist. Treats the subject in a concise manner, covering the whole work from care of stock to staging blooms. Price, 50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery Smilax, Violets

IN BEST VARIETIES.
Prices low. Send for list.

Wood Brothers, FISHKILL New York

GERANIUMS

Summer Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt.....\$10.00 per 1000
Ricard and Poltevine..... 12 50

ALBERT M. HERR, LANCASTER, PA

Mention the American Florist when writing

Write

GEO. A. KUHL,

PEKIN, ILL.,

For Prices and List of

MUMS, ROSES, FERNS,

BEGONIAS and General Stock

Wholesale Grower to the Trade.

PRIMROSES

Per 100
Chinese and Malacoides, 2¼ in. pot. \$2.00
Forbesii, Obs. Alba, Rosea and
Ruby, 2¼ in pot 1.50
Obs. Gigantea, 2¼ in. pot 2.00
Cineraria Hyb. Grandiflora 2.00
Asp. Plumosus, 2¼ in pot, \$18.00
per 1000 2.00
Asp. Sprengeri, seedling, \$7.00
per 1000 1.00
Vinca Var., field plants 5.00
Pansy Plants, giant flowering,
\$2.50 per 1000.

CASH

Jos. H. Cunningham, DELAWARE, OHIO.

Mention the American Florist when writing

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins.
Poitevine, 2-in., \$2.00 per 100; 3-in., \$3.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c;
5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c;
5-in., 25c each.
Rex Begonia, 2¼-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

Some Excellent Stock In Abundance

Liberal extras for early orders

Size of pots.	100	1000
2¼-in. Asparagus Plumosus	\$2.50	\$22.50
3 -in. Asparagus Plumosus	5.00	45.00
4 -in. Asparagus Plumosus, 1½e pots	7.50	70.00
2½-in. Asparagus Sprengeri	2.50	22.50
4 -in. Asparagus Sprengeri	6.50	60.00
2¼-in. Begonia Chateleine	6.00	55.00
3 -in. Begonia Chateleine	10.00	95.00
2½-in. Begonia Erfordi and Luminosa	4.00	38.00
3 -in. Begonia Erfordi and Luminosa	7.50	70.00
2¼-in. Primula Obconicas. Fancy mixed or separate colors	2.50	22.50

2¼-in. Chinese Primrose. Choice m'x'd	3.00	25.00
2¼-in. Cinerarias. Assorted	2.35	20.00
2½-in. Smilax	2.50	22.50
2½-in. Cyclamen. Eight varieties	6.00	55.00
3 -in. Cyclamen. Eight varieties	8.00	75.00
10,000 Ferns - From bench: Boston, Scottii, Elegantiissima, Piersoni, etc., \$12.50, \$15.00 and \$20.00 per 100.		

Field Grown Violet Plants. Princess of Wales Gov. Herrick, Marie Louise and Lady Campbell; fine stock \$5.00 per 100 \$45.00 per 1000.

2¼-in. Violet Plants-Marie Louise and Lady Campbell, \$3.00 per 100 \$25.00 per 1000.

3-in. pot plants. \$4.00 per 100, \$35.00 per 1000.

Send your orders today. Correspondence solicited.

ALONZO J. BRYAN Wholesale Florist, WASHINGTON, N. J.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.
LAGER & HURRELL, Summit, N. J.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

SEED crops are poor in Europe everywhere and prices high.

HOLLAND seed crops are below the average in quality and yield.

SOUTHERN growers of tuberoses and cannas report crops in good condition.

SIoux CITY, IA.—The Sioux City Seed & Nursery Co., has plans for a one-story warehouse to be erected this fall.

KANSAS CITY, Mo.—The Rudy-Patrick Seed Co. has completed contracts calling for 250,000 pounds of alfalfa seed.

HOUSTON, TEX.—The Reichart & Schulte Co. reports a large volume of business, the recent storm having destroyed late planted crops.

C. S. CLARK & SON, of Wakeman, O., report very hot weather, in fact, the only real corn weather they have had this summer. If this weather continues it will materially improve corn prospects.

PHILADELPHIA, PA.—The first meeting of creditors of the Johnson Seed Co., bankrupt, will be held Monday, October 2. The receiver's account will be audited. He asks an allowance of double commission for conducting the business.

MECHANICSBURG, O.—Joseph E. Wing, of the Wing Seed Co., died September 10 at the Sawyer sanitarium, Marion, O., after an illness of several months. He was well known as a lecturer on agriculture and spent four years in South America in the interest of the government, having been sent there by former President Taft. Mr. Wing was known as the alfalfa king, having given special attention to that crop.

THE warm weather has not stimulated retail buyers to dig up their good summer flower beds. It has been almost too much to expect them even to come in and ask for a fall catalogue. Even under these conditions the mail orders are beginning to come along in fair volume and any backwardness only aids the force to get the accumulated mass of trade orders out of the way.

CHICAGO.—Prices for grass seed on the Board of Trade September 22 were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—Albert M. Smith, with the Leonard Seed Co., and wife have returned from a delightful vacation trip to Alaska where they made a short run by steamer up the Yukon river and later visited all the principal cities on the Pacific coast to lower California where they attended the Panama-Pacific and San Diego expositions and inspected the seed growing districts in California. Mr. Smith says that on his entire trip he did not see any outdoor sweet peas or dahlias that anywhere near compared in quality and size to the magnificent stock grown in the Alaska region.

CITRONELLE, ALA.—A farm for growing bulbs that will thrive under semitropical conditions has been started by Otto Fehrlin.

ONE New York jobber in French bulbs, it is reported, has fallen down completely on some kinds contracted for. Perhaps still waiting for break in prices!

LOUISVILLE, KY.—The Louisville Seed Co. has been incorporated by George E. Hays, Joseph Marshall, Owen T. Watts and Harvey D. Hays; capital stock, \$100,000.

THE bean growing districts of northern central New York report serious damage to crops from rains all season. Growers expect no surplus of wax sorts or green pod.

St. LOUIS, Mo.—The St. Louis Seed Co. reports receiving shipments of European bulbs as follows: On the S. S. New Amsterdam, 66 cases; S. S. Noordam, 38 cases; S. S. Sant' Anna, 135 cases.

VENTURA, CALIF.—The lima bean crop has been damaged by the recent hot spell. The damage is streaked, some sections being free, others injured from 10 to 30 per cent. The heat in the Santa Inez valley reached high record, 110 degrees.

Seed Trade Prospects.

We anticipated a very large demand for both flower and vegetable seeds, but it is doubtful regarding the supply as, of course, the present disturbances abroad leave it uncertain as to what we can secure, both in flower seeds and vegetable seeds. At the present time we are assured that we will get the goods ordered subject to only slight delay, but of this, of course, we can not be certain.

F. W. BRUGGERHOF,
J. M. Thorburn & Co., New York.

The Bulb Trade.

This season's bulb trade is normal and excepting for some trans-Atlantic shipping trouble and loss of mail would go forward well. Because of above difficulties jobbers' stocks will not be full until three weeks later than usual.

Vaughan's Seed Store has handled a carload of *Lilium Candidum* from the French liner, Chicago. This is a short item this season and much in demand.

Lilium multiflorum will arrive the coming week.

Canadian Peas.

Except where grown for canning factories, peas are decreasing in popularity. While there was too much rain for best results the crop is regarded as doing fairly well, although complaints are made by some of late podding and of mildew. The pea aphid is still reported in several districts east and west. Most of the regular field peas remain to be pulled.

New York Seed Trade.

Though bulbs are much in evidence at all the seed stores it is estimated that not over one-third of the Holland crop that will eventually reach here has yet arrived. In grass seeds, sweet peas and pansy seed for florists there is a good movement. The auction houses have started their sales, and though it is now too hot to expect a large attendance, their outlook for fall business is good.

Weeber & Don are sending out a very complete catalogue of the herbaceous peonies they offer for sale. It also contains "A Few Hints for Success with Peonies." They report heavy sales of grass seeds.

It now appears, relating to azalea shipments from Belgium, that about the only progress that has been made thus far is in winding and unwinding red tape.

The MacNiff Horticultural Co. is handling fine palms, ferns and other plants, also bulbs, and their weekly announcements should be carefully noted.

At Vaughan's Seed Store they continue their artistic window displays of bulbs. Mr. Vaughan arrived from Chicago, September 17.

Peter Henderson & Co. have their usual fine window display of cut flowers, dahlias and cannas being now the leading features.

At Hermann's Seed Store, 140 East Thirty-fourth street, we have recently noted activity in grass seeds and bulbs.

Chas. Schwake & Co. are quite active in the line of lily bulbs and lily of the valley pips.

A. F. F.

Michigan Beans Advanced.

Michigan bean growers at a meeting held last week at Flint, threw a bomb into the camp of the Bean Jobbers' Association by declaring for a price on 1915 crop beans of \$3 a bushel for October shipment. Jobbers gathered at Ann Arbor, on learning of this action left for their homes and will conduct negotiations by mail or wire. A large export business is looked for owing to the scarcity of beans in Europe and the large needs of the allies, and as a result of the failure of imports a considerable increase in domestic demand is expected.

The Michigan bean crop is short. Growers estimate an output of 30 to 40 per cent of last year. Growers at the Flint meeting decided on \$3 a bushel of 60 pounds for October and an advance on a sliding scale of 10 cents a bushel per month for November, December and January, and

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSFIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

thereafter, until May 1, five cents a bushel advance per month. Growers have thrown a rope to the jobbers by announcing the appointment of a committee consisting of one delegate from each of the 16 bean growing counties in Michigan, with instructions to meet with the jobbers to determine price adjustment.

Catalogues Received.

Henry F. Michell Co., Philadelphia, Pa., bulbs, etc.; W. E. Marshall & Co., New York, bulbs; William Elliott & Sons, New York, bulbs and seeds; The W. W. Barnard Co., Chicago, bulbs and seeds; Eltweed Pomeroy, La Granja, Donna, Tex., bulbs and roots; Vaughan's Seed Store, Chicago and New York, bulbs and hardy plants and "Book for Florists"; Thos. J. Grey Co., Boston, Mass., seeds, plants, bulbs and supplies; J. F. Noll & Co., Inc., Newark, N. J., bulbs, seeds, plants, fertilizers and supplies; Wood, Stubbs & Co., seed, plants, shrubs, bulbs, etc.; Peter Henderson & Co., New York, seeds, plants, and bulbs; F. W. Kelsey Nursery Co., New York, trees, shrubs, etc.; Martin Kohankie, Painesville, O., nursery stock; Peterson Nursery, Chicago, trees, shrubs, vines and herbaceous plants; The Storrs & Harrison Co., Painesville, O., bulbs, plants, seeds and trees; W. Atlee Burpee & Co., Philadelphia, Pa., tomato seed; Rainbow Gardens, St. Paul, Minn., hardy plants, lilies and Japanese garden specialties; Peterson Nursery, Chicago, iris; Heller Bros. Co., New Castle, Ind., roses, etc.; J. K. Alexander, East Bridgewater, Mass., dahlias; The Geo. Wittbold Co., Chicago, hydrangeas; John C. Moninger Co., Chicago, "Proof Book."

Haage & Schmidt, Erfurt, Germany, seeds, bulbs and plants; Kelway & Son, Langport, Somerset, Eng., seeds; St. Przedpelski & T. Antoniewicz, seeds of Russian conifers, trees and shrubs; Vilmorin-Andrieux & Co., Paris, France, seeds and plants, etc.; Armand Y. Hermano, Marianao, Habana, Cuba, roses and plants; The Union Nurseries, Oudenbosch, Holland, nursery stock; Sakata Nurseries, Rokkakubashi, Kanagawa, Japan, lilies perennials, shrubs, etc.

Imports.

During the week ending September 11 imports were received at New York as follows:

- Vaughan's Seed Store, 8 sacks seeds, (Liverpool, Eng.), 289 cases bulbs (Rotterdam, Holland).
- A. T. Boddington & Co., Inc., 66 cases bulbs (Rotterdam, Holland).
- MacNiff Horticultural Co., 24 cases bulbs (Rotterdam, Holland).
- Burnett Brothers, 22 bags vegetable manure (Hull, Eng.).
- Peter Henderson & Co., 22 cases bulbs (Rotterdam, Holland).
- Stumpp & Walter Co., 120 cases bulbs (Rotterdam, Holland).
- F. R. Pierson Co., 30 cases bulbs (Rotterdam, Holland).
- H. H. Berger & Co., 27 cases bulbs (Rotterdam, Holland).
- McHutchison & Co., 24 cases bulbs (Rotterdam, Holland).
- W. E. Marshall Co., 98 cases bulbs (Rotterdam, Holland).
- C. Schwake & Co., 327 cases bulbs (Rotterdam, Holland).
- R. M. Ward & Co., 544 cases bulbs (Rotterdam, Holland).
- R. J. Irwin, 21 cases bulbs (Rotterdam, Holland).
- Weeber & Don, 17 cases bulbs (Rotterdam, Holland).
- C. F. Meyer, 167 cases bulbs (Rotterdam, Holland).
- Henry & Lee, 96 cases bulbs (Sant'Anna, Adl.)

Lilium Candidum

Extra fine Northern-grown Bulbs—Just Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing

Holland Grown Seeds

We are growers of Garden Beets, Mangels, Sugar Beets, Cabbage, Cauliflower, Celeriac, Chicory, Cornsalad, Cress, Endive, Kale, Kohlrabi, Leek, Mustard Parsley, Parsnip, Radish, Spinach, Turnip, Rutabaga, and a general line of Flower Seeds, and solicit inquiries from the trade for both this fall's delivery and for next year's growing.

Regular sailings from our country to the United States and Canada.

SLUIS BROTHERS,

Wholesale Seed Growers
ENKHUIZEN, HOLLAND

Cable Address: SEMEN, Enkhuizen.

Mention the American Florist when writing

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round \$1.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500. \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

PAPER WHITE GRANDIFLORA

Per 1000
Mammoth—1000 to case, 14 c. m.....\$10.00
First Size—1200 to case, 13 c. m..... 9.00

COLD STORAGE VALLEY

The very highest quality obtainable.
Packed in cases of 1000, at....\$17.00 per case

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.
Write for our Fall Trade Catalogue.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds
Baltimore, Md.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbea in variety.
Correspondence Solicited.

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

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We still have some

WINTER FLOWERING ORCHID

SWEET PEA SEED

Pink and White Orchid; White Orchid; Orchid Beauty dark rose; Mrs. A. A. Skaach, best shell pink; Red Orchid; ¼ oz., 75c; ½ oz., \$1.00; 1 oz., \$1.75, and many others. We have all the best commercial Summer Spencers. Ask for List.

Anton C. Zvolanek, LOMPOC, CALIF.

The Everett B. Clark Seed Co.

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Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho
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Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO., Contract Seed Growers LOS ANGELES, CALIFORNIA.

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MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm, Bristol, Pa.

Have just received a small surplus of

Japan Crown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

Yokohama Nursery Co., Ltd. Woolworth Bldg., New York City

LILY OF THE VALLEY PIPS

Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

Loechner & Co., Inc., 11 Warren St., New York

IN proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO. 53 Barclay St., branch to 54 Park Place, NEW YORK

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Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn. Correspondence Solicited.

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James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

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Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

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TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDESORO, N. J.

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Maogoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

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Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

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THE J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

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Winter Flowering SWEET PEAS Spencer Types

Our expert California seed growers have spent much time "rogueing" the original stock seed of the so-called "Winter Flowering" Spencer types. Many untrue colors were found and many of the old "Grandiflora" type, sometimes forty per cent wrong. These have been thrown out.

YARRAWA

The color on opening is rose, changing as the flower develops to a light pink standard-tinted buff with blush wings. The flowers are exquisitely waved, many being double flowered and produced on long, stout stems. Oz., \$2.00; lb., \$30.00; trade pkt., ¼ oz., 50c.

	Oz.	½ oz.	¼ oz. Tr. pkt.
Mrs. A. A. Skaatch. Bright shell pink.....	\$1.75		\$0.50
Mrs. J. Manda. Light shell pink.....	2.00		.50
Mrs. Woodrow Wilson. Apple blossom pink.....	2.00		.50
Pink and White..... lb., \$15.00	1.50		.50
Orchid Beauty. Dark rose blushed with orange.....	2.00		.50
Pres. Woodrow Wilson. Magenta rose.....	2.00		.50
Rose Queen. Rose pink.....	10.00	5.00	2.50

SELMA SWENSON

A beautiful clear light soft pink, waved petals strong grower and good forcer, originated by Mr. August Swenson, and introduced exclusively by us. This is seed of Mr. Swenson's growing. Oz., \$10.00; ¼ oz., \$2.50.

	Oz.	b.	¼ oz. Tr. pkt.
Venus. White pink wings.....	2.00		.50
Blue Jay. Bright blue self color.....	.40	\$4.00	.15
Lavender Nora. Most pleasing lavender, long stems, a splendid commercial variety.....	.75	8.00	.25

Also 20 Named Christmas Sorts, Grandiflora Type. Price, oz., 10c; lb., \$1.25. Ask for list.

Vaughan's Seed Store, 43 Barclay St., NEW YORK. 31-33 W. Randolph St., Chicago

SPECIAL SALE OF Asplenium Nidus Avis (Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

4-in. pans.....	\$ 4.00 per doz.
5-in. pans.....	6.00 per doz.
6-in. pans.....	12.00 per doz.
7-in. pans.....	15.00 per doz.
8-in. pans.....	24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2¼-inch pots a Specialty.

H. PLATH, THE FERNERIES,
Lawrence and Winnipeg Aves.,
SAN FRANCISCO, CALIF.

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Pansy Seedlings

Our mixed Pansy seedlings produce giant flowers of excellent quality, all colors, with many light flowered sorts (pastel shades).

Also strong seedlings of Coreopsis Grandiflora, Aquilegia (Columbine), Bellis Perennis (English Daisy), Hardy Pinks, Forget-Me-Not's, Sweet Williams, Wall Flowers, Canterbury Bells and Foxgloves, 35c per 100, \$2.45 per 1000. \$10.00 per 5000.

WILLIAM RILEY TORRESDALE, PA.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

BOX WOODS--Most Beautiful Stock

Pyramids, 2-ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3-ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

100,000 Field-Grown CARNATION PLANTS

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000	100	1000
White Perfection	\$3.50	\$30.00	Philadelphia.....	\$3.50 \$30.00
Rose Pink Enchantress,			Zoe Symonds.....	3.50 30.00
	3.50	30.00	Washington.....	3.50 30.00
Mrs. C. W. Ward.	3.50	30.00		

Order Today

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

L. D. Phone Central 2846

Mention the American Florist when writing

SEASONABLE STOCK

Adiantum Croweanum, grand 4 in. pot stock, \$15.00 per 100.
 Asparagus Plumosus, bushy, 2¼ in., \$3.00 per 100; \$25.00 per 1000.
 Asparagus Sprengerii, strong 3 in. stock, \$5.00 per 100.
 Bougainvillea, bushy, well trimmed, 4 in. pot plants, \$15.00 per 100; 5 in., \$26.00 per 100.
 Begonia, Glory of Cincinnati and Davenport, good 5 in., \$40.00 per 100.
 Dracaena Terminalis, well colored 5 in. pot plants, \$50.00 per 100.
 Fern Dish Ferns, strong, out door grown 2½ in. pot plants, all varieties, \$3.00 per 100; \$25.00 per 1000.
 Hydrangea Otaksa and all French sorts, 4 in. pot plants, \$15.00 per 100; 5 in. pot plants, \$20.00 per 100. Field grown specimens for 8 to 10 in. tubs, 8 to 12 shoots, \$25.00 per 100; both in Otaksa and French varieties.

Send for catalog No. 5.

The Storrs & Harrison Co., Painesville Nurseries, PAINESVILLE, OHIO

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary,
Forty-first annual convention will be held
at Milwaukee, Wis., June, 1916

THE California walnut crop will be a record breaker. Eastern demand is good.

VISITED CHICAGO: Frank Weber, of the H. J. Weber & Sons Nursery Co., St. Louis, Mo.

ROCKFORD, ILL.—The Cotta Nursery & Orchard Co. is now in its new location on West State street.

HOUSTON, TEX.—The Forestdale Nurseries have moved to a more central location at 617 Main street.

THURBER, IA.—J. T. Smythe, of this city is contemplating the establishment of a nursery in southern Kansas.

RALEIGH, N. C.—W. M. Hunt, state horticulturist, has been elected president of the American Pomological Society.

WACO, TEX.—The annual meeting of the Texas Nurserymen's Association will be held in this city, September 28-29.

BOSTON, MASS.—As guests of the Breck-Robinson Co., the members of the Gardeners' and Florists' Club had a field day at the firm's nurseries at Lexington.

ST. LOUIS, Mo.—A measure enlarging the authority of the city forester, and permitting him to dictate what kinds of shrubs or trees may be planted in any street in this city has been presented to the board of aldermen. It authorizes the forester to order trees planted wherever he deems it desirable, and to assess the cost against the owners of adjacent property.

LANSING, MICH.—Professor H. J. Eustace, chief of the department of horticulture at the Michigan Agricultural College, has been granted leave of absence for one year, during which time he will make a tour of inspection of the fruit sections of the United States, reporting conditions as he finds them to the federal department of agriculture, and commending measures most needed for the advancement of the fruit growing industry.

Spur Blight of Red Raspberry.

Spur blight on red raspberry caused by *Sphaerella rubina* is the title of Bulletin No. 206 issued by the Colorado Agricultural College experiment station, Fort Collins. The first indications of the injury make their appearance about the middle of July, and if the young green canes are examined, chocolate brown discolorations will be found on the lower portions of the cane in the region of the point of attachment of the leaves. Spraying with an adhesive Bordeaux mixture, composed of three pounds of copper sulphate (blue-stone) two pounds of stone lime and 50 gallons of water to which two pounds of rosin fish oil soap, added as a sticker, is recommended for the control of the disease.

Peony Bulletin.

We are in receipt of the first bulletin of the American Peony Society, which will be welcomed by all peony growers, commercial as well as amateur. A publication of this character has been much needed for the assemblage and preservation of peony data. Secretary Saunders has presented the first number in attractive form, the contents including the society's proceedings for 1914 and 1915, lists of the officers and members, with their addresses, and a number of interesting articles as follows: "The Experiences of an Amateur in the Vicinity of Philadelphia with Peonies During the Spring of 1915," by James Boyd; "Peonies in Missouri," by Benjamin C. Auten; "Growing for Cut Flowers," by W. J. Engle; "Some Notes from the Pacific Coast," by Howard Everts Weed; "Peonies, Good, Bad and Indifferent," by H. W. Groschner; "On Raising Seedlings," by Eugene Secor, Everett P. Wheeler, O. L. Ringle, and A. P. Saunders.

In addition we note important communications from A. H. Fewkes, Newton Highlands, Mass., and A. Dessert, Chenonceaux, France, with an exhaustive report on the exhibition held at Boston, Mass., last June. The bulletin is primarily intended for members of

the society, but no doubt others can secure copies on filing their applications for membership with Secretary A. P. Saunders, Clinton, N. Y.

National Forest Receipts Distribution.

The portion of the national forest receipts for the fiscal year 1915, to go to various states in which the forests lie, amounts to more than \$850,000. The money is paid over to the states for school and road purposes. Montana gets the largest share, having contributed the largest amounts of receipts for the sale of timber. Idaho comes second and California is third.

LINCOLN, NEB.—Among the professional florists, prominent among the winners of first premiums at the floral display at the state fair were Lewis Henderson and Hess & Swoboda of Omaha and Frey & Frey of this city.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO.

NORWAY MAPLES, 1-5 inch cal.

ORIENTAL PINES, 1-4 inch cal.

PIN OAKS, 1¼-3 inch cal.

Write for attractive prices. Wholesale trade list mailed upon application.

The Shrewsbury Nurseries

Geo. A. Steele, Proprietor

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Louis Leroy's Nurseries Company

ANGERS, FRANCE

L. LEVAVASSEUR and L. COURANT, Proprietors-Directors

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Exports exceed 25,000,000 stocks annually.

Wholesale Growers and Exporters of
Pear, Apple, Mahaleb, Mazzard, Myrobolan and Angers Quince Stocks, Forest Trees (seedlings and transplanted), Evergreens, Ornamental Shrubs, Manetti, Multiflore and Roses.

ALSO A FULL LINE OF ORNAMENTAL STOCKS

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Our Present Facilities: On account of the geographical situation of our Cultures, and having besides this more than the required number of unmobilized clerks and workmen to do the digging, packing, shipping, etc., of our stocks, we will therefore be quite able to send them over, as usual, in spite of the War.

Extract from General Catalogue (Edition A. F.) gratis and free on demand:

Against 12 cents (cost of postage) and 25 cents (cost of volume)—(which sum of 25 cent will be refunded at the first order of the value of at least \$10.00), our general illustrated descriptive and analytical Catalogue (Edition A. F.), 385 pages and 135 explanatory vignettes giving the full descriptive Nomenclature with prices of all the plants which we cultivate, will be sent free to any person applying for same.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

Amoor River Privet, Berberis Thunbergii, Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER, N. J.

Baltimore Nurseries California Privet

Any quantity, size and age. No better grown Shade and Ornamental Trees, Shrubs and Vines. Full Line of Fruit Trees and Plants.

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For the Best New and Standard

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Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J

Mention the American Florist when writing

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO., West Grove, Penna.

Mention the American Florist when writing

PEONIES

25 Acres—Best Varieties.

Write for Prices.

Gilbert H. Wild, Sarcoxie, Mo.

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY Small, medium and large sizes supplied. Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America Box 404, DUNDEE, ILL.

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FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids. Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

English Field-Grown Roses 10 cts. each, c. i. f. New York

Guaranteed low budded on briars, clean, vigorous stock, true to name "Amazingly fibrous rooted." Make your own selection from this list and send your order on C. O. D. terms less 5% Delivery to carriers in New York 14 days after receipt of order in Liverpool. Bees Ltd. can run orders right on to quayside in own motor vans.

Prices are quoted in dollars and cents per hundred f. o. b. Liverpool. Freight, Duty, Insurance, etc., costs about \$50.00 per 1000 trees.

Table listing various rose varieties and their prices, including Abel Carriere, Fairy Queen, Pellenberg, Fisher Holmes, etc.

Climbing Roses

Table listing climbing rose varieties and their prices, including Aimee Vibert, Dorothy Perkins, La France, etc.

Tree or Standard Roses

Standards have 3-4 ft. stems, 1/2 Standards 2-2 1/2 ft. Prices are per dozen trees; 6 same rate

Table listing tree or standard rose varieties and their prices, including Abel Carriere, Betty, British Queen, etc.

Bees Ltd. will give you inclusive quotations on any number of trees.



1077 Mill Street, Liverpool, England.

Special U. S. A. Trade List of Roses mailed on request.

Market Gardeners

Vegetable Growers' Association
of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

THE Camp Douglas, Wis., potato
district reports only a 15 per cent
frost damage on the potato crop.

ROCHESTER, N. Y.—Corn and fruit
were damaged September 19 in Liv-
ingston county by the first frost of
the season.

SHORTVILLE, N. Y.—Frederick Cross,
well known market gardener, died at
his home on the state road, one mile
east of the village of Manchester, Sep-
tember 14, aged 85 years. He was
born in Harbury, Eng., December 18,
1829. In 1854 he came to the United
States, locating first in Albany, where
he lived for 20 years. From Albany he
came to Manchester, where he had
made his home for the past 40 years.
In 1849 he was married to Miss Eliza-
beth Reading Hawk, in Lemington,
Eng., who died May 8, 1897.

CHATTANOOGA, TENN.—In addition to
the regular plot for working farm
crops, each school in the county will
have a model farm garden and truck
crops will be grown under the super-
vision of the county agricultural de-
partment during the coming school
year. Products grown in the gardens
will be used by girl pupils to demon-
strate canning and cooking in the do-
mestic science classrooms. The chem-
ical phase of modern farming, treat-
ment of soils and other essentials will
be taught as laboratory work.

Prices of Indoor Fruits and Vegetables.

Chicago, September 21.—Mushrooms,
home grown, No. 1, 40 cents per pound;
lettuce, cases, 12½ to 15 cents; rad-
ishes, 75 cents to \$1.00 per 100
bunches; asparagus, 50 cents per dozen
bunches; celery, box, 35 to 50 cents;
tomatoes, baskets, 15 to 30 cents.

New York, September 21.—Celery,
per bunch of 12 stalks, 10 to 35 cents;
cucumbers, 25 cents to 65 cents per
basket; mushrooms, \$4.00 per 4-pound
basket; tomatoes, 20 cents to 60 cents
per package; radishes, per basket, 30
cents to 60 cents; lettuce, per 2 dozen
crate, 25 cents to \$1.00.

Vegetable Growers' Association.

The annual convention of the Vege-
table Growers' Association of America
was held at Cleveland, O., September
7-9, with a good attendance. Some of
the growers' problems were discussed
and many of those present complained
of the low prices obtained for their
products the past season. The invita-
tions for the next convention included
one from Chicago, which was well re-
ceived, but decision in this matter will
be made by the executive body later.
The officers elected for 1916 are as fol-
lows: Martin L. Ruetenik, Cleveland,
O., president; Howard W. Selby, Phila-
delphia, Pa., vice-president; E. A. Dun-
bar, Ashtabula, O.; treasurer; Sam W.
Severance, Louisville, Ky., secretary.

Home Canning.

The canning of fruits and vegetables
is increasing in favor. We find now
that any number of agencies are urg-
ing this subject—universities, schools
of home economics, farmers' organiza-
tions, etc., and especially the makers
of canning machinery and supplies.
These latter parties are important fac-
tors, for too often the commercial party
is more aggressive than the purely edu-
cational. There is no question what-
ever that the proper place to can is
where the crops are grown—upon the
farm, and with the discrimination of
expert knowledge on the subject, home
canning is bound to grow.

Several years ago we installed ma-
chinery to can our surplus crops of
vegetables, and while we were success-
ful from the start in producing a fine
article, we had plenty of trouble in
selling it. Our business being mostly
wholesale, to stores, hotels and com-
mission houses, we soon found that we
were in direct competition with the
large canning factories, and that all
these parties had only one aim—to buy
as cheaply as possible, regardless of
contents. Along this line the venture
proved a failure, but finally we suc-
ceeded in placing some of our products
with influential private parties, and
since then the demand has grown by
leaps. Now we have orders to be
canned instead of canned goods to be
sold. There are several advantages in
farm canning. First and most im-
portant, we can use defective goods,
especially tomatoes. Thus the toma-
toes are graded for market in fancies,
and canning grade. The canning
grade means all cracked skins, under-
sized fruit, irregular shape, ground
spotted fruit, etc. Thus we can grade
our fancies extra fine, and use up the
others to good advantage. The next
advantage is a staple price. Our
canned goods have a fixed price, while
the market on fresh vegetables is al-
ways subject to violent changes. The
third advantage comes from finding
employment for all hands in bad
weather, for we believe that the farm
labor problem is first and last a prob-
lem of steady employment the year
around at a living wage.

We recommend steam pressure out-
fits, which will handle both glass and
tin cans, and anything that can be put
up. These can be bought from \$15.00
to \$200.00 complete, according to the
capacity, and the beginner is furnished
reliable instructions.

MARKETMAN.

PASADENA, CALIF.—The eighth an-
nual fall flower show of the Pasadena
Horticultural Society will be held at
Central park, October 28-30.

NEW ORLEANS, LA.—The store of the
Metairie Ridge Nursery Co. has been
redecorated and presents a very at-
tractive appearance. Excellent busi-
ness all summer is reported.

ABERDEEN, S. D.—B. F. Siebrecht's
new flower shop in this city was opened
to the public September 4. The store
is very attractive and was magnificently
decorated for the occasion, banks of
ferns and hundreds of cut blooms be-
ing arranged artistically. Roses were
presented to the visitors.

Vegetable Plants

Lettuce and Cabbage Plants,
\$1.00 per 1000.

Parsley Plants, extra strong,
50c per 100.

R. Vincent Jr & Sons Co., White Marsh, Md.

Mention the American Florist when writing

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.



Watch for our Trade Mark stamped
on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is
thus easily exposed. Fresh sample
brick, with illustrated book, mailed
postpaid by manufacturers upon re-
ceipt of 40 cents in postage. Address

Trade Mark AmericanSpawn Co. St., Paul, Minn

Mention the American Florist when writing

Landscape Gardening



A course for Garden-
ers, Florists and Home
makers, taught by
Prof. Beal of Cornell
University.

Progressive florists
recognize the growing
importance of a knowl-
edge of landscape art.

We also offer a prac-
tical course in Flori-
culture, including Greenhouse Con-
struction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Mention the American Florist when writing

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas
Radishes, Spinach, Turnips Swede, Asters, Balsams, Begonias, Carnations
Cinerarias, Gloxinias, Larkspur, Nasturtium, Pansies, Petunias, Phloxes, Primulas, Scabious
Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and
most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid
Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and
are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Here Are The Plants



Our **HYDRANGEAS** grown for delivery to our customers this fall. 40,000 of them in 6-inch pots. You can see for yourself what they are! The foliage is rich dark green, no yellow leaves. The branches are strong and thick, promising big heads of bloom.

Here are the prices—**Otaksa**, the staple, standard, salable sort, has made more money for florists than all others put together. Plants with 7 to 10 branches, \$25.00 a 100; with 5 and 6 branches, \$20.00 a 100; with 4 branches, \$15.00 a 100.

The best of the French Novelties, **Avalanche**, **Bouquet Rose**, **La Lorraine**, **Mme. Maurice Hamar**, **Mme. E. Moulliere** and **Radiant**, in the same sizes at \$5.00 a 100 more for each size.

ALL in 6-inch pots. Consider the size, the number of flowering branches, the price and the quality of the stock illustrated in this photograph taken only a few days ago. A combination of good points that ought to bring your order by return mail. How many of these fine plants do YOU want?

JACKSON & PERKINS COMPANY, Newark, New York

Mention the American Florist when writing

CHAS. H. TOTTY
MADISON, NEW JERSEY.
Wholesale Florist

Chrysanthemum Novelties My Specialty
Mention the American Florist when writing

CARNATIONS
F. DORNER & SONS CO.,
LaFayette, - - Indiana
Mention the American Florist when writing

Godfrey Aschmann
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Alyssum Double Giant
The cut flower variety, 2 in., \$2.00 per 100;
\$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2
in., \$2.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Parsley, double curl'd, \$2.50 per 1000.
Good packing—prompt shipment.
ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.
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\$12.00 per 100;
\$100.00 per 1000.

LITTLEFIELD & WYMAN

North Abington, Mass.

Lancaster County Florists' Club.

About 5 p. m. September 16 a telephone message notified the writer that Richard Vincent, Jr., his son Robert, and two of their foremen were at the Brunswick, in response to a request from the writer also that they give us a paper or talk on dahlias for this meeting of the club.

It is characteristic of R. Vincent, Jr., & Sons' Co. that they never do anything by halves, and we not only had a paper that was a gem from every point of view, but we also had some 125 varieties of dahlias from White Marsh, Md., on exhibition, all correctly labeled, and a revelation to some of our local people. Robert Vincent read the paper, and told us the history of the dahlia from its earliest inception down to the present day, with cultural notes and suggestions. Richard Vincent, Jr., told in his own inimitable way some of his experiences at the convention, and invited us all to join the National Dahlia Society and come to the show in New York, and also to their exhibition at White Marsh, Md., which, unfortunately, comes the same week as our own show.

In addition to the flowers exhibited by our visitors, we had a fine vase of dahlia blooms exhibited by our newly elected amateur, David Rose, who does not hesitate to pay the price for new varieties. Rudolph Nagle exhibited a very fine vase of Chrysanthemum Smith's Advance, also a yellow sport from the same.

The dahlia show committee reported progress in all lines, and asking for volunteers, received the offer of the services of at least a dozen of the club members. Wild smilax was ordered for the decoration of the tables, vases contributed by several of the members, and offers received from members having machines to collect these vases and help us in any other way, so that with such a unanimity of helpfulness it will not be our fault if the show is not a success. The programme committee reported having a promise from Robert Pyle, of West Grove, Pa., for a talk for the October meeting, and this report met with the enthusiasm that it deserved. The visiting committee reported as having nothing arranged, but would probably make the first visiting trip of the season, one to Reading, during the week of their show. Chas. Tucker was elected to membership as an amateur and Edward Becht as a professional. The Vincents were given a unanimous vote of thanks for their generosity in coming all the way to Lancaster by automobile with such a fine exhibit of flowers and such a valuable paper for the club, and we trust they recognized the fact that it was a real vote and not merely a perfunctory one.

ALBERT M. HERR.

RIVERSIDE, CALIF.—A mission style flower shop is being erected for Paul D. St. John.

CYCLAMEN



Giant English Grown
Each, \$1.00 per 100; \$8.00 per 1000 seeds.

Rosy Morn, Grandiflora Alba, Excelsior, Princess May, Mauve Queen, Duke of Fife, Princess of Wales.

Giant German Grown
Each, 65c per 100; \$5.00 per 1000 seeds.

Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.

Glory of Wandsbek.
Attractive salmon. Price—100 seeds, \$1.25; 250 seeds, \$2.85; 1000 seeds, \$10.00.

PRIMULA Vaughan's International Mixture. } As much liked as our
1-16 oz., \$4 00; 350 seeds, 50c. } Pansy seed of this name.

MIGNONETTE.

New York Market.....Oz., \$7.00; 1/8 oz., \$1.00; Trade pkt., 50c
Grown for us for years by a mignonette specialist.

Giant Machet.....Oz., 75c; 1/4 oz., 40c; Trade pkt., 10c

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THE HORTICULTURAL PRINTING COMPANY

BURNLEY, ENGLAND

Oklahoma City.

The quarterly meeting of the Oklahoma State Florists' Society was held September 13, with a fairly good attendance. A. S. Gray, Lon Foster, and Mrs. Hornaday were appointed a committee to revise the constitution and by-laws. There was much discussion on ways and means to enlarge the membership of the society but no definite plan was adopted. The apathy shown toward the society by some members of the craft is very much to be deplored; there is no doubt, however, that the apathy displayed is more the result of unfamiliarity with the benefits that accrue from a trade organization than from any other cause, and, when once the reasons why a trade society should exist, are better understood, we shall have plenty of enthusiastic members.

Business is rather quiet, but better things are expected in the near future as the state fair opens September 26, and that event usually brings a little extra trade to town. From present indications there will not be much of a

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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AMERICAN FLORIST CO.

440 So. Dearborn St.

CHICAGO.

floral display at the fair, as prizes offered are not conducive to bringing out anything very extensive in the flower line.

W. R. Maxwell will operate a florist place at Tulsa, in addition to his established business at Alva, Okla.

Woerz Bros. is the name of a new firm of florists just started at Ardmore, Okla. S. S. B.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cnsh. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucarias: Excelsior, 5-in., 2 to 3 tiers, 50c; 5-in., 3 to 4 tiers, 60c; 6-in., 4 tiers, 75c; 7-in., 4 to 5 tiers, \$1; 7-in., 5 tiers, \$1.50. Robusta Compacta, 6-in., 2 to 3 tiers, \$1; 7-in., 3 tiers, \$1.50; 7-in., 3 to 4 tiers, \$2; 9-in., 5 to 6 tiers, \$4 to \$5. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 40c, 50c, 60c, 75c, \$1, \$1.50. Robusta Compacta, \$1, \$1.50, \$2, \$2.50, \$3.50. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprenger, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS in flats of 100 each, \$1. Extra strong 3-inch, \$4 per 100; \$35 per 1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Asparagus plumosus, 2 1/2-inch, \$2 per 100; \$18 per 1,000. Sprenger, seedlings, \$1 per 100; \$7 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Sprenger, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch pots, \$5 per 100; 4-inch, \$12.50. HENRY SMITH, Grand Rapids, Mich.

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BEGONIA LORRAINE.

Per 100 Per 1000
2 1/2-inch.....\$12.00 4-inch.....\$35.00
3-inch.....20.00 5-inch.....50.00

BEGONIA GLORY OF CINCINNATI.

Per 100 Per 1000
2 1/2-inch.....\$15.00 3 1/2-inch.....\$30.00
3-inch.....25.00 4 1/2-inch.....40.00

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Begonia Gruss an Orban, Xmas Red, 2-in., 4c. Luminoza, Prima Donna, 2c. Price on 4-inch by letter. E. Bandisch, Florist, North Bergen, N. J.

Begonia Vernon, in bloom, 4-inch, 10c each; \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

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Florence Davenport, 2 1/4-inch15.00
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Begonias, Gloire de Chatelaine, Pfitzer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and pink, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, Glory of Cincinnati and Davenport, 5-inch, \$40 per 100. The Storrs & Harrison Co., Painesville, Ohio.

BEGONIAS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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12-18 in., light.....10c \$0.80 \$ 5.00 \$ 40.00
12-18 in.15c 1.00 6.00 50.00
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Also see our ads under Spiraea and Privet. Send today for our complete price list.

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PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tuba, f. o. b. Dundee.

BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.

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Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each., F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Paper White Grandiflora, 13 up, 1,250 to case, \$8 per 1,000; 14 up, \$10 per 1,000. French Roman Hyacinths, 12-15, \$28 per 1,000. Lillium Formosum, 7-9, 250 per case, \$60 per 1,000; 9-10, 180 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Japan grown freesias and L. Formosum, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

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Bulbs, Lillium Formosum, 7-9-inch, 250 to case, \$60 per 1,000; 8-9-inch, 225 to case, \$70 per 1,000; 9-10-inch, 180 to case, \$80 per 1,000. Narcissus Paper White Grandiflora: Vaughan's Star Brand, 1,000 to case, \$11 per 1,000. Precocious, Vaughan's Extra Early Grandiflora, mammoth bulbs, 14 ctms. and up, \$12 per 1,000. White Roman Hyacinths, 11-12 ctms., 2,500 to case, \$21 per 1,000; 12-15 ctms., whole crop, about 1,800 to case, \$27 per 1,000. Callas, 1 1/4-1 1/2-inch, \$50 per 1,000; 1 1/2-2-inch, \$80 per 1,000; 2-2 1/2-inch, \$100 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case; Formosum, 8-9-inch, 225 to case, \$14 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lillium Formosum, 7-9-inch, 250 to case, \$6.50 per 100; \$65 per 1,000. Lillium Candidum, mammoth bulbs, \$8 per 100; select, \$6; first size, \$5. Freesia Refracta alba, Jumbo bulbs, \$1.50 per 100; \$12 per 1,000; Mammoth, \$1.25 per 100; \$9 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, Paper White Grandiflora, mammoth, 1,000 to case, 14 ctms., \$10 per 1,000; first size, 1,200 to case, 13 ctms., \$9 per 1,000.

St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Bulbs, Lillium Candidum, \$6.50 per 100; \$60 per 1,000. Hyacinths, tulips, narcissi, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

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Fine, clean, healthy stock, which leading florists everywhere recognize as the best obtainable. Our plants are unusually fine this season and we advise placing orders early for immediate or future delivery. The demand is heavy for good stock and we fill all orders in rotation. Order today.

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Rosette5.00 50.00
Pink Enchantress5.00 50.00
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Enchantress Supreme\$6.00 \$50.00
Champion6.00 60.00
Philadelphia6.00 50.00
Beacon6.00 50.00
White Perfection6.00 50.00
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Mrs. C. W. Ward6.00 50.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

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We have about 10,000 left and they are the finest lot of big, strong, healthy plants obtainable. Guaranteed satisfactory or your money refunded. While getting, get the best, \$4 per 100. TERRE HAUTE ROSE & CARNATION CO., Terre Haute, Ind.

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Matchless 8.00 65.00
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162 N. Wabash Ave.,
Chicago.

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LARGE, THIRTY, CLEAN STOCK. WE
GUARANTEE EVERY PLANT. GROWN BY
US WITH SPECIAL CARE. READY FOR YOU
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Per 1,000
WHITE PERFECTION\$50.00
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500 AT 1,000 RATE.
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HEALTHY FIELD-GROWN
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WHITE ENCHANTRESS, WHITE WONDER,
HARRY FENN, WINSOR,
AND PINK DELIGHT.
\$4.00 per 100.
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Philadelphia\$5.50 \$50.00
Rose Pink 5.50 50.00
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Cash, please.
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White Enchantress 5.00 40.00
250 at 1,000 rate.
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Pink—Enchantress and Ward. Red—Delhi and
St. Nicholas, \$40 per 1,000. Strong, bushy
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**EXTRA FINE, CLEAN, HEALTHY FIELD
PLANTS.**
White Enchantress, \$5.00 per 100; \$45.00 per 1,000
Pink Enchantress, 4.50 per 100; 40.00 per 1,000
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Enchantress, Rose Pink Enchantress, Phila-
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White Enchantress and above varieties, good
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FIELD-GROWN CARNATIONS PLANTS.
Extra strong, healthy stock.
Pink Enchantress, \$4 per 100; \$35 per 1,000.
ZECH & MANN, CHICAGO, ILL.

Field-grown carnation plants. White Perfection,
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Carnations, 10,000 Enchantress, 2,000 Phila-
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Champion, 500 Gorgeous, \$5 per 100; \$45 per
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Matchless, Perfection, Winsor, Gordon.
Write for prices.
WILLIAM A. MURRAY, Atco, N. J.

Carnation Miss Theo, rooted cuttings, \$12
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5,000 Pink Enchantress, long bushy plants
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CHRYSANTHEMUM PLANTS, double and
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Chrysanthemums. **Geo. A. Kuhl, Pekin, Ill.**

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COLEUS—Xmas Red, 3-inch, \$5.00 per 100.
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.
COLEUS, Brilliancy or Xmas Red, 3-inch, \$5
per 100. ERNEST ROBER, Wilmette, Ill.

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Crotons, very fine colored stock, 4-inch, 25c
each; \$23 per 100; 4-inch, 35c each; \$30 per
100; 5-inch 50c each; \$45 per 100; 5-inch,
strong, 75c each; \$70 per 100; 6-inch, \$1 to
\$1.50 each. **Poehlmann Bros. Co., Morton**
Grove, Ill.
Crotons in splendid color, 4-inch, \$4 per doz.;
\$35 per 100. **Vaughan's Seed Store, Chicago and**
New York.

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CYCLAMEN—My prize strain, Wandshek,
Zehlendorf, the best Salmons, pure white, red,
white with red eye, Victoria; ready for a
shift. Any of the above during September
from 4-inch pots, at 15c and 20c each. Cash
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CYCLAMEN GIG., Wandshek type, finest in
existence 2½-inch, \$5 per 100; \$45 per 1,000;
3-inch, \$8 per 100; \$75 per 1,000; 4-inch, \$15
and \$20 per 100. **CYCLAMEN SEED, Gig. Im-**
proved German Strain, 10 varieties, equally
divided, \$5 per 1,000; \$3 per 500; \$1 per 100.
Separate Improved Salmon, light and dark, \$7
per 1,000; \$4 per 500; \$1.25 per 100. **ERNEST**
ROBER, Wilmette, Ill.

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Exceptionally fine stock in Red, Pink, White,
Salmon and White with Red Eyes, in best
strains, such as Wandshek. 3-inch, 8c; 4-inch,
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THE GEO. WITTBOLD CO.,
L. D. Phone Graceland 1112,
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CYCLAMEN GIGANTEUM.

Wandshek type—Finest obtainable.
100 1,000
2½-inch\$ 5.00 \$45.00
3 -inch 8.00 75.00
3 -inch, extra select..... 10.00 90.00
4 -inch.....\$15.00 and \$20.00 per 100

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162 North Wabash Avenue, CHICAGO, ILL.
Cyclamen seedlings, best strain, \$2.50 per
100; \$20 per 1,000. **A. Henderson & Co., 369**
River St., Chicago, Ill.

Cyclamen, assorted colors, 4-inch, \$2.50 per
doz.; \$18 per 100. **Vaughan's Seed Store, Chi-**
cago and New York.

Cyclamens, 8 vars., 2½-inch, \$6 per 100; \$55
per 1,000; 3-inch, \$8 per 100; \$75 per 1,000.
Alonzo J. Bryan, Washington, N. J.

CYCLAMEN, strong plants, best varieties, \$10
to \$35 per 100. **HENRY SMITH, Grand Rap-**
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Cyclamen, best German strain, 3-inch pots,
\$8 per 100. **Poehlmann Bros. Co., Morton Grove,**
Ill.

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Dahlia roots, Cleopatra, Delice, Jack Rose,
Kind's Pink, Lyndhurst, Minnie McCullough,
Sylvia, White Swan, \$3 per 100; \$25 per 1,000.
J. T. Lovett, Little Silver, N. J.

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MARGUERITES, \$8 to \$25 per 100. HENRY
SMITH, Grand Rapids, Mich.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18
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50,000 extra healthy and large field-grown
DRACENA INDIVISA, \$15, \$20 and \$25 per
100; any quantity. Try them. Also 7,000 6, 7
and 8-inch pot-grown. ALONZO J. BRYAN,
Wholesale Florist, Washington, New Jersey.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in.,
15c; 5-in., 25c each. Geo. M. Emmans, New-
ton, N. J.

Dracena terminalis, well colored, 5-inch, \$50
per 100. **The Storrs & Harrison Co., Paines-**
ville, Ohio.

Dracena Massangeana, 5-inch pots, 75c.
Poehlmann Bros. Co., Morton Grove, Ill.

EUONYMUS.

EUONYMUS RADICANS VEGETUS—Three-
year-old potted plants for immediate delivery;
also three-year, field-grown plants, \$14 per 100;
\$2 per doz. Illustrated booklet. **THE GAR-**
DEN NURSERIES, Nerberth, Pa.

FERNS.

100,000 good strong 2-in. Ferns: Boston,
\$3.50 per 100; \$30 per 1,000. Springfield, 2½-
in., \$4 per 100; \$35 per 1,000. Boston and
Springfield, 3-in., \$8 per 100; Boston, 4-in.,
\$1.50 per doz.; \$12 per 100. Above now ready
for delivery. Other sizes and varieties for
later delivery. Write us for special prices on
larger lots.

THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per
doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-
in., \$1.80 per doz.; 2½-in., \$3 per 100. Ele-
gantissima Compacta, 3-in., \$12 per doz.; 6-in.,
\$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$3½
per 100. Elegantissima, Specimens, 10-in., \$2.50
each; 8-in., \$12 per doz.; 6-in., \$6 per doz.;
2½-in., \$6 per 100. Muscosa and Smithii, 5-in.,
\$6 per doz.; 3½-in., \$3 per doz. Harrisil, 8-in.,
\$12 per doz. Superhissima, 8-in., \$12 per
doz., 6-in., \$6 per doz.; 3½-in., \$3 per
doz. Cibotium Schledel, Specimens, 10-in., \$7.50
each. Small ferns for pans, assorted varieties,
3½-in., \$15 per 100; 2½-in., \$3.50 per 100.
F. R. Pierson Co., Tarrytown, N. Y.

FERNS.

Boston, 4-inch\$15.00 per 100
Boston, 5-inch 25.00 per 100
Boston, 7-inch 75c each
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

FERNS, strong pot-grown stock that is
clean and guaranteed to please. Boston and
Whitman, 5-inch, \$25 per 100; 4-inch, \$12.50
per 100; strong runners, \$2 per 100. **SU-**
PERIOR NURSERY CO., Los Angeles, Calif.

THESE ARE POT-GROWN STOCK.

4-inch Bostons...12c 7-inch Bostons...60c
5-inch Bostons...25c 8-inch Bostons...80c
6-inch Bostons...40c
R. R. DAVIS COMPANY, MORRISON, ILL.

FERNS—Boston, 2½-inch, \$3 per 100; \$25 per
1,000; 3-inch, \$6 per 100. Boston and Roose-
velt, 4-inch, \$8 per 100. Scholzeii, 4-inch, \$8
per 100. Plumosus, 3-inch, \$5 per 100. Cash
or C. O. D. G. C. Thillingbust, Springfield, Ohio.

Adiantum Croweanum, 4-in. pot stock, \$15
per 100. Ferns for dishes, out-door grown, 2½-
inch, all varieties, \$3 per 100; \$25 per 1,000.
The Storrs & Harrison Co., Painesville, Ohio.

Ferns, Boston, Roosevelt and Whitman, 6-
in., 50c each; \$45 per 100; 7-in., 75c; 8-in.,
\$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50
each. **Poehlmann Bros. Co., Morton Grove, Ill.**

Asplenium nidus avis (Birdsnest fern) 4-in.
pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in.,
\$15; 8-in., \$24. Fernish ferns in flats and 2½-
in. a specialty. **H. Plath, Lawrence and Win-**
nipeg Aves., San Francisco, Calif.

Ferns, from bench, Boston, Scottii, Elegantis-
sima, Piersoni, etc., \$12.50, \$15 and \$20 per
100. **Alonzo J. Bryan, Washington, N. J.**

About 2,000 dandy 4-in. **BOSTON FERNS,**
\$10 per 100. Cash, please. **Heinl & Weber,**
1640 Plum St., Terre Haute, Ind.

BOSTON FERNS ready for 5-inch pots, \$16
per 100. **R. O. LOMMATZSCH, R. No. 1, La**
Grange, Ill.

Ferns, Boston and Whitman, 3-in., 4-in., 15c;
5-in., 25c. **Geo. M. Emmans, Newton, N. J.**

Ferns. **Joseph Hecock Co., Wyncote, Pa.**

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GERANIUMS.

Geraniums, S. A. Nutt, \$10 per 1,000. Ricard and Poitevine, \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 3-inch plants ready for immediate shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmaos, Newton, N. J.

ROSE GERANIUMS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmaos, Newton, N. J.

HYDRANGEAS.

Hydrangea P. G., hush, 2-3 ft., \$8 per 100; 3-4 ft., \$12 per 100. Tree shape, 3 ft., \$18 per 100. Extra fine, two-year plants, field-grown. Write for our Wholesale Trade List. W. & T. SMITH CO., GENEVA, N. Y.

HYDRANGEAS.

Our hydrangeas grown for delivery to our customers this fall; 40,000 of them in 6-inch pots. The foliage is rich, dark green; no yellow leaves. The branches are strong and thick, promising big heads of bloom. Here are the prices: Otaksa, the staple, standard, salabre sort, has made more money for florists than all others put together. Plants with 7 to 10 branches, \$25 per 100; with 5 and 6 branches, \$20 per 100; with 4 branches, \$15 per 100. The best of the French varieties, Avalanche, Bouquet Rose, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouillere and Radiant, in the same size at \$5 per 100 more for each size. All in 6-inch pots. Consider the size, the number of flowering branches, the price and the quality of the stock. A combination of good points that ought to bring your order by return mail. How many of these fine plants do you want? Jackson & Perkins Company, Newark, New York.

HYDRANGEA.

OTAKSA—In field, ready for 5-in. pots. 15c each FRENCH VARIETIES—In field, pink and white, ready for 5-inch pots. 20c each OTAKSA—In field, large plants, ready for 9-inch pots 75c each OTAKSA—Pot-grown, 5-inch \$2.60 per doz. French Varieties, strong, pot-grown, 5-inch 4.20 per doz.

THE GEO. WITTBOLD CO.,

L. D. Phoue, Graceland 1112.

737 Buckingham Place, Chicago, Ill.

Hydrangeas, Otaksa and all French sorts, 4-in. pot plants, \$15 per 100; 5-in., \$20 per 100. Field-grown specimens for 8 to 10-in. tubs, 8 to 12 shoots, \$25 per 100, both in Otaksa and French varieties. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5 and 6-inch pots, strong plants, \$20 and \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, from frames, ready for 6-inch pots, full of fruit and flowers, \$10 per 100; big value. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Bruo's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florista' Money Maker, best Valley at moderate prices. \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the Valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechner & Co., Inc., 11 Warren St., New York.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley, cold storage, packed in cases of 1,000, \$17 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

MISCELLANEOUS.

Ageratum, Coleus, double alyssum, English ivy, heliotrope, ivy geraniums, lantanas, lemon verbena, moonvines, parlor ivy, petunias, pom-pom chrysanthemums, salvia, swainsona, tradescantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Seedlings: Coreopsis Grandiflora, aquilegia, bellis perennis, hardy pinks, forget-me-nots, sweet william, wall flowers, Canterbury bells and foxglove, 35c per 100; \$2.45 per 1,000; \$10 per 5,000. William Riley, Torresdale, Pa.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poeschlmann Bros. Co., Morton Grove, Ill.

MOSS.

SPHAGNUM MOSS, 12-hbl. hale, \$3; bur-laped, Joe H. Paul, Box 156, Manahawkin, N. J.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Norway maples, 1-5-inch Cal. Oriental pines, 1-4-inch Cal. Pin-Oaks, 1 1/2-3-inch Cal. Write for prices. The Shrewsbury Nurseries, Eaton-town, N. J.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids, Francisco Delgado Q., Bogoto (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	... \$ 0.40
6-inch pots,	6 to 7,	24	... 1.00
6-inch pots,	6 to 7,	28 to 30...	1.50
6-inch pots,	6 to 7,	32 to 34...	2.00
7-inch pots,	6 to 7,	36	... 3.00
8-inch tubs,	6 to 7,	36	... 3.50
8-inch tubs,	6 to 7,	48	... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins. \$ 1.50
7-inch pots, 3 plants in a pot, 38 ins. 3.50
Specimens, very heavy 10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

	Leaves.	Inches high.	Each.
6-inch pots,	5 to 6,	28 to 30...	1.00
6-inch pots,	6 to 7,	34 to 36...	1.50
6-inch pots,	6 to 7,	38 to 42...	2.00
6-inch pots,	6 to 7,	44 to 46...	2.25
8-inch tubs,	6 to 7,	50 to 54...	5.00
8-inch tubs,	6 to 7,	5 ft.	... 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

		Inches high.	Each.
7-inch pots,	3 plants in a pot,	28 to 30...	2.00
7-inch pots,	3 plants in a pot,	36 to 38...	2.50
7-inch tubs,	4 plants in a tub,	38 to 40...	3.00
8-inch tubs,	4 plants in a tub,	38 to 44...	3.50
8-inch tubs,	4 plants in a tub,	56 to 58...	5.00
8-inch tubs,	4 plants in a tub,	56 to 58...	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 ft. high	10.00
12-inch tubs,	4 plants in a tub,	5 ft. high	12.00
Very strong specimens,	15-inch tubs,	5 plants,	\$15.00, \$18.00 and \$25.00.

POEHLMANN BROS. CO., MORTON GROVE, ILL.

LATANIA PALMS and PANDANUS VEITCHII, in 15-inch tubs, suitable for hotel and other decorations, at bargain prices. HENRY SMITH, Grand Rapids, Mich.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS from Henry Mette's seeds. All giant flowering, strong, stocky plants, ready now, \$2.50 per 1,000; \$10 per 5,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS, finest mixture out; good plants, \$1 per 100; cash please. GEORGE POPP, JR., Fort Recovery, Ohio.

Pansy plants, giant flowering, \$2.50 per 1,000. Joa H. Cunningham, Delaware, O.

Pansy Seedlings. William Riley, Torresdale, Pa.

PANDANUS.

PANDANUS VEITCHII, 3 to 5-inch pots, 25c to 75c each. Specimen plants, 8 to 10-inch pots, \$2 to \$3 each; big value. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poeschlmann Bros. Co., Morton Grove, Ill.

PEONIES.

PEONIES, 3 to 5 eyes, named kinds, \$15 per 100. Our selection, \$10 per 100. Write for our wholesale trade list. Geneva, N. Y. W. & T. SMITH COMPANY.

Dreer's herbaceous peonies. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

CELESTIAL PEPPERS from 6-inch pots, field-grown, full of fruit and flowers, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PERENNIALS.

Ten thousand Perennials, field-grown, eighteen varieties. Will exchange for 2 1/2-in. hydrangea, nursery stock, violets, canna, gladiolus or what have you; or sell for \$3 per 100. Gerstenkorff & Klumpp, R. 4, Box 125, Decatur, Ill.

PERENNIAL PLANTS, large assortment, strong plants, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PHLOXES.

PHLOX, Choice Varieties, \$5 per 100. Strong clumps, field-grown. Write for our wholesale trade list. Geneva, N. Y. W. & T. SMITH COMPANY.

POINSETTIAS.

POINSETTIAS.

	Large Quantity, Choice Stock.	100	1,000
2 1/2-inch	\$5.00	\$45.00
2 1/2-inch, extra select.....		6.00	50.00
3-inch	8.00	70.00

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

POINSETTIA HEADQUARTERS.

All top cuttings, 2 1/2-in., \$5 per 100; \$45 per 1,000; fine stock. Extra select, \$6 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas paws, strong, healthy, well rooted, 2 1/2-inch pot plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

2 1/2-inch, 4 1/2-c; 3 1/2-inch, 10. Strong stock. Cash, please. JOY FLORAL CO., Nashville, Tenn.

POINSETTIAS, strong stock, all top cuttings from 3-in. pots, \$5-100; \$45-1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Clearance sale price of strong 2 1/2-in. Poinsettias, \$4 per 100; none better anywhere. Cash, please. Heisl & Weber, 1640 Plum St., Terre Haute, Ind.

Poinsettias, strong plants, 2 1/2-inch, \$5.50 per 100; 250 for \$12.50. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS, 2 1/2-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIMULAS.

PRIMULA OBCONICA. GIGANTEA and GRANDIFLORA. 2 1/4-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch \$6.00 per 100.

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

PRIMULA OBCONICA GRANDIFLORA and GIGANTEUM, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primroses, Chinese and Malacoides, 2 1/4-inch, \$2 per 100. Forhesii, Obconica Alba Rosea and Ruby, 2 1/4-inch, \$1.50 per 100. Ob. gigantea, 2 1/4-inch, \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULA MALACOIDES. 2 1/4-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch, \$6.00 per 100.

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

Primula obconica, mixed or separate colors, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/4-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

PRIMULA OBCONICA. Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. Miller, Shiremnstown, Pa.

PRIVET.

WE OFFER AMOOR RIVER PRIVET.

	Each	Ten	100	1,000
18-24 in., light.....	10c	\$0.75	\$ 3.50	\$ 30.00
2-3 ft.	15c	1.00	7.50	60.00
3-4 ft., heavy.....	20c	1.25	10.00	75.00
4-5 ft., heavy.....	30c	1.50	12.00	100.00

Also see our ads under Spiraea and Berberry. Send today for our complete price list.

AURORA NURSERIES, Aurora, Ill. Telephone 339.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch	\$4.00	\$35.00
White Killarney, 2-inch	4.00	35.00
Killarney Brilliant, 2-inch.....	7.00	60.00

WIETOR BROS., CHICAGO. 162 North Wabash Ave.,

ROSES, good, strong, two-year-old, field-grown, own roots or buds, for forcing. Baby Ramblers, red, pink and white; Dorothy Perkins, White Dorothy Perkins, Hiawatha, Tausendschon, Magna Charta, etc. Write for our full list, special prices, and wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y.

Roses, English field-grown. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1077 Mill St., Liverpool, Eng.

ROSE PLANTS, Killarney, Am. Beauty, Kaiserin, Maryland, etc., 3-inch pots, \$6 per 100; 4-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

Roses. Geo. A. Kuhl, Pekin, Ill.

SEEDS.

PANSY SEEDS, finest GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant Mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurr, Swedesboro, N. J.

Holland grown seeds. Beets, mangels, sugar beets, cabbage, cauliflower, celeriac, chicory, cornsalad, cress, endive, kale, kobrabi, leek, mustard, parsley, parsnip, radish, spinach, turnip, rutabaga. Sluis Brothers, Enkhuizen, Holland.

CYCLAMEN SEED. Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Seeds, wholesale field and garden seeds. J. Bolziano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

SEEDS.

PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common giant mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

Seeds, winter flowering sweet peas, Spencer types. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

Smilax, 2 1/4-inch, \$2.50 per 100; \$23 per 1,000; 3-inch, \$4.50 per 100; \$40 per 1,000. Fochlmann Bros. Co., Morton Grove, Ill.

Smilax, 2 1/4-inch, \$2.50 per 100; \$22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

Smilax, \$1.50 per 100; \$12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

SPIREA.

WE OFFER SPIREA VAN HOUTTEI.

	Each	Ten	100	1,000
2-3 ft.	15c	\$1.00	\$7.00	\$60.00
3-4 ft.	20c	1.25	8.00	75.00

Send today for our complete price list. Also see ads under Privet and Berberry.

AURORA NURSERIES, Aurora, Ill. Telephone 339.

STEVIA.

STEVIA, field-grown, large and bushy, \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S. King Edward, Wm. Belt, \$2 per 100; \$16 per 1,000. Chesapeake, Fendall, Pearl, \$2.25 per 100; \$18 per 1,000. Everbearing (Progressive, Productive, Superb), \$2.50 per 100; \$20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWAINSONA.

SWAINSONA, white, 4-inch, ready for benching, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Lettuce and cabbage, \$1 per 1,000. Parsley, 50c per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

VINCA VAR., rooted cuttings, \$1.25 per 100; \$10 per 1,000. Large field-grown plants, \$5 per 100. L. C. Lewis, Pontiac, Mich.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCAS—Field-grown plants, variegata, \$4 per 100. Rooted tips, variegata, \$1 per 100; \$9 per 1,000. THE REESER PLANT CO., SPRINGFIELD, OHIO.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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Mention the American Florist when writing

Tacoma, Wash.

BUSINESS SHOWS IMPROVEMENT.

Better business all around and a stiffening of prices are the glad tidings. After the past two months everyone here is feeling more encouraged now that the florist business gets better, but most everyone tells of over-supply of asters and sweet peas, and even though the call has been better than ever before, they go to waste. Too many fine flowers for the amount of business is the report of all, but rain and hail have ruined a lot of stock, so the benefit comes to the florist as a consequence. Carnations are somewhat scarce lately and not many good ones are to be had. Some chrysanthemums are appearing, but only yellow, and there is no great call or sale for them. Home grown roses are coming in, and this is the first season that our market has had any sort of a supply of local grown flowers from indoors. Some very good blooms have arrived, and had a fairly good call, especially white, although yellow had the demand too. Sunburst seems to be the real thing in the yellow. Ophelia is simply grand and sells readily at the highest price of any rose, not excepting American Beauty. From some cause the American Beauty comes in rather a washed-out color and not rich and attractive as in the east, so Ulrich Brunner goes instead at American Beauty prices. Very fine weather prevails, and up to the present no frost to injure anything. Field carnations have done exceptionally well and a big percentage has been moved inside and are making a fine start. From reports not as many will be planted in as last season. Many growers had too much of a loss from over-supply, for they could not be sold, even at ridiculously low prices.

Practically no new buildings have been erected this year, but extensive repairs and rebuilding had to be done at several places. A great many tourists have visited our city this season and business from them was quite a help to the florist trade, and they all expressed admiration for our "floral city."
S. L. H.

SHARON, PA.—John Murchie has rebuilt his range on South Irvine street.

ST. LOUIS, MO.—The school garden exhibits of the public schools will occupy one entire section at the St. Louis Agricultural Fair, October 4-9.

CHAMBERSBURG, PA.—The sixth annual exhibition of flowers grown by the school children of Chambersburg, under the auspices of the Civic club, was held in the high school, September 11.



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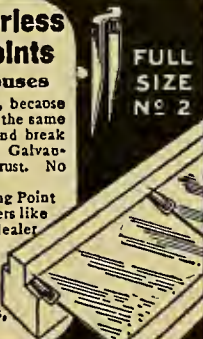
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Letterheads and Envelopes showing special designs for florists.

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LITITZ, PA.—Martin H. Hess, retired florist, died here September 14.

RENO, NEV.—Chas. H. Stoddard, A. B. Updike and Lytton Stoddard have incorporated a company and opened the Flower Shop in the Masonic Temple building. Henry Hefty formerly of the Art Floral Co., San Francisco, has been installed as manager.



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Imported by us direct from

Madagascar

We offer two grades both good value, viz:

	Price per pound.			
	10 lbs.	25 lbs.	100 lbs.	Bale
REGULAR.....	17c	15c	12½c	10½c
FLORISTS' SPECIAL....	19c	17c	13½c	11½c

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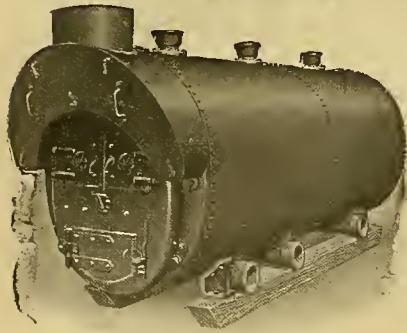
10,000 \$1.75; 50,000 \$7.50. Manufactured by
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Sample free. For sale by dealers.

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Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

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SUPERIOR MACHINE & BOILER WORKS
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Providence, R. I.

TRADE WEAKENS UNDER HOT SPELL.

Weather conditions here the past week inclined everyone to think that summer was starting instead of being on the wane. All stocks increased greatly with the warm days, and as the thermometer went up business began to slacken. Roses are now in heavy supply, the receipts being almost more than the trade can handle, and as a result prices are correspondingly low. Carnations are coming in with better length of stem, and the quality generally is improving. Asters are still seen in quantity, but the quality is not up to the usual standard. Gladioli have shortened in supply, and prices have advanced in consequence. Dahlias are arriving, but it seems this flower decreases in popularity with each succeeding year. Some of the varieties are excellent for display work, but as a cut flower there is little demand for them.

NOTES.

Johnston Bros. had one of the most attractive window decorations seen in the city this season. It called attention to the fact that “flowers by telegraph” was one of the features of their business, and a window full of cards and tags from florists in all parts of the United States with ribbons running from them to the respective cities shown on a large map, carried out the idea. It was unique, the arrangement was excellent, and it attracted considerable attention as something out of the ordinary.

The Rhode Island Horticultural Society held its September flower show at the Narragansett hotel last week. The attendance was good, both day and evening.

The opening of several lunch rooms furnished some additional business this week, orders being placed for palms and ferns for decorations.

H. A. T.

Albany, N. Y.

Among those who attended the flower show in Rochester was William C. Gloeckner of this city. He returned with a good report of the exhibits of gladioli and the roses sent by A. N. Pierson, Inc., Cromwell, Conn. On the way from Rochester Mr. Gloeckner stopped at Utica to visit the establishment of Brant Brothers. He found

Clay's The World Power
in the Soil



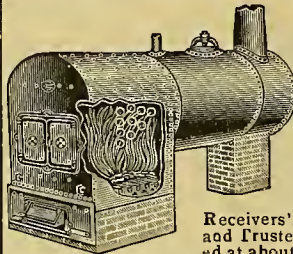
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Our \$10,000,000.00 capital and reputation for honest and dependable dealing back every transaction. Tell us your needs. Get our incomparable low prices. Write for our big

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Note: 4-in boiler tubes at a bargain.

Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. Tile bottoms furnished anywhere in carload or less quantities.

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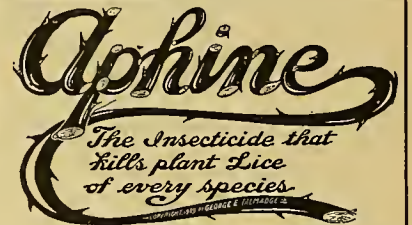
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R. D.



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A soil sterilizer for cut, eel, wire and angle worms.
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30	16 in.	1.00	11.25	92.00
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60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

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Vol. XLV.

CHICAGO AND NEW YORK, OCTOBER 2, 1915.

No. 1426

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer.

OFFICERS ELECT—DANIEL MACRORIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at Houston, Tex., August, 1916.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Harbor, Me., June, 1916. WILLIAM GRAY, Newport, R. I., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., January, 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., August, 1916. EMIL T. MISCHE, Portland, Ore., President; R. W. COTTERILL, Seattle, Wash., Secretary-Treasurer

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November 10-14 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westery, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary

American Dahlia Society.

First Annual Exhibition, New York, September 24-26, 1915.

Success Crowns Initial Show.

The first annual exhibition of the American Dahlia Society, held in co-operation with the Horticultural Society of New York, opened in the American Museum of Natural History, Central Park West and Seventy-seventh street, on the afternoon of September 24, 1915. The quality and volume of the stock placed on exhibition was very gratifying to the officers and members of the society and pleasing to the general public. There was no charge for admission.

Noteworthy and extensive exhibits were made by W. Atlee Burpee & Co., Philadelphia, Pa.; Richard Vincent, Jr. & Sons Co., White Marsh, Md.; George L. Stillman, Westery, R. I.; N. Harold Cottam & Son, Wappinger's Fall, N. Y.; John Lewis Childs, Inc., Flowerfield, N. Y.; O. P. Chapman, Jr., Westery, R. I.; George H. Walker, North Dighton, Mass.; P. W. Popp, Mamaroneck, N. Y.; W. A. Manda, South Orange, N. J.; John Scheepers & Co., Inc., New York, and other. The exhibits of baskets, table decorations and other decorative features, by a number of New York retail florists were very fine. These were by Alfred Kottmiller, 426 Madison avenue; Max Schling, 22 West 59th street; G. E. M. Stumpp, 761 Fifth avenue, and Young & Nugent, 42 West 28th street. There were bridal bouquets of dahlias, and while we may not expect the dahlia to come in great vogue for this purpose, the artists showed clever work. The collections of cactus, show and decorative dahlias were very fine and the originators and growers are certainly keeping abreast of their brethren, whose fancy and genius turns to other flowering plants. While some of the commercial men may look askance at the dahlia, it is a fine subject for the amateur.

A certificate of merit was awarded to John Scheepers & Co., Inc., for a collection of cactus dahlia seedlings not in commerce. This collection was understood to be of English origin.

Special prizes were also awarded for meritorious exhibits not provided for in the schedule to Wm. Shillabas, Essex Falls, N. J., and to Mrs. E. T. Barrows, Plainfield, N. J. The judges were as follows: J. C. Clarke, Philadelphia, Pa.; Prof. F. H. Hall, Geneva, N. Y.; Jas. Kirby, Huntington, N. Y.; Leonard Barron, New York; F. R. Austin, Tuckerton, N. J.; Geo. W. Kerr, Philadelphia, Pa.; P. W. Popp, Mamaroneck, N. Y.; Prof. Geo. W. Fraser, Storrs, Conn., and J. Harrison Dick, New York.

On the afternoon of September 25, interesting lectures on the dahlia were delivered by Prof. Hall of the Geneva, N. Y. experiment station and Prof. Norton of the Maryland State Agricultural College, College Park, Md.

Business Meeting.

The business meeting of the society was held on the evening of September 24 in the lecture room of the American Museum of Natural History. The meeting was well attended and much interest was manifested in the proceedings.

Following the address of President Richard Vincent, Jr., it was announced that invitations for the dahlia show of 1916 had already been received from the Rochester Florists' Club and the Pennsylvania Horticultural Society. The president recommended that the first show be held at Rochester another, the next week, at Philadelphia and a third, following at New York. He added that the American Dahlia Society was one of the promising children of the Society of American Florists and had a bright future. Secretary Lane spoke of the increase in membership and predicted that before the close of this show it would reach 200. He took the optimistic view that before the meeting of 1916 the membership would reach 500. Seventy-five per cent of the present membership are amateurs. Treasurer Austin made a satisfactory report. Brief remarks were made by Prof. Hall of Geneva, N. Y. and Geo. L. Stillman of Westery, R. I.

The present officers were re-elected as follows: Richard Vincent, Jr., White Marsh, Md., president; Joseph J. Lane, New York, secretary; F. R. Austin, Tuckerton, N. J., treasurer. The following were elected vice-presidents: Geo. L. Stillman, Westerly, R. I., north; Prof. Norton, College Park, Md., south; E. Stanley Brown, East Moriches, N. Y., east; W. W. Wilmore, Denver, Colo., west. The executive committee consists of G. W. Kerr, Philadelphia, Pa.; Jas. Duthie, Oyster Bay, N. Y.; Isaac S. Hendrickson, Flowerfield, N. Y.; P. W. Popp, Mamaroneck, N. Y.; J. Harrison Dick, New York. The following constitute the nomenclature committee: Prof. F. H. Hall, Geneva, N. Y.; Prof. Geo. W. Fraser, Connecticut Agricultural College, Storrs, Conn.; Jas. Kirby, Huntington, N. Y.; L. P. Peacock, Berlin, N. J. and Leonard Barron, Garden City, N. Y. Prof. Hall called attention to the work before the committee by saying that there were now over 4,000 names of dahlias that are grown in this country.

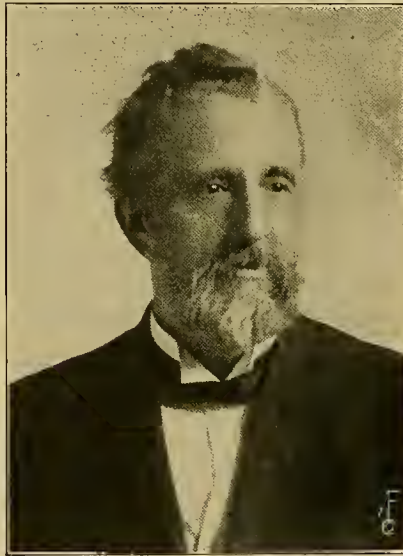
It was left to the executive committee to decide the meeting place for 1916. Greetings were sent to W. W. Wilmore of Denver.

President Vincent's Address.

Ladies and gentlemen and members of the American Dahlia Society:

We meet today for the first time before the public, and have put forth our first efforts to give you an idea of the immensity of the dahlia loving public and of the growing love for this beautiful flower, that can be grown and flowered by the humble cottage as well as by the prince or king. Surely a man having a garden of beautiful, well grown dahlia flowers, no matter how humble his position in life, feels rich and happy in being the owner of so much that makes the garden and home beautiful.

Of course, as with everything else, there are apt to be failures in dahlias as in other varieties of flowers. Even the large growers have their ups and downs to contend with, but taking one year with another, the dahlia cannot be surpassed for producing a good crop of bloom. Sometimes from slight circumstances the amount of bloom, size, etc., is materially reduced, and again the insect pests, which gather, not generally on the dahlia, but on other things planted near them, when short of other food will attack the dahlia. To avoid these ills, we would advise that separate plantings be made at an interval of two or three weeks between plantings.



R. Vincent, Jr., White Marsh, Md.
President American Dahlia Society.

The late planting very often does the best, as it has the cooler and longer nights, makes a more sturdy and insect resisting growth, and generally produces the best and finest flowers. The early planted ones very often get woody, but cutting the flowers with long stems, or cutting the plants back, this, if done early in the season will renew the growth and produce nearly as good flowers as the later planted ones.

The main thing is, do not be afraid to use the knife on them. This is often required in thinning out, some varieties growing too thickly to produce fine flowers. Again, if extra large flowers are wanted, these are obtained by what is termed disbudding; that is, as soon as the buds can be seen, pick out all the buds but the main one, then the entire strength goes in that one flower. This can only be done in the large flowering type. The smaller flowered varieties do not justify this amount of trouble. One point where many people fail and complain, is in the wintering over of their roots. The varieties that form large clumps with big tubers are not so hard to keep; they will keep where potatoes keep good; but some of the finer varieties do not make much else but a mass of fine rootlets, which are very hard to keep. In this case they want bedding in sand, earth, or some material that will keep from drying up.

My own experience with the dahlia goes back a goodly number of years, when as a boy, my father had a dozen or so of double ones in the garden. I was so struck with them that I thought nothing could equal them, and I offered my father a sixpence that I had saved up for something else to allow me to call one dahlia plant mine. My next experience was in Maryland during the Civil war. As a young man, I had charge of the dahlia patch on the place



AMERICAN DAHLIA SOCIETY'S NEW YORK SHOW.

R. Vincent, Jr. & Sons Co.'s Silver Medal Exhibit.



AMERICAN DAHLIA SOCIETY'S NEW YORK SHOW.

W. Atlee Burpee & Co.'s Gold Medal Exhibit.

my father was managing, and I had the privilege of putting a lot of them on exhibition at one of the horticultural shows held in the Maryland Institute in Baltimore. This was apparently the first exhibition of dahlias given in Baltimore. It attracted attention, many hardly believing they were flowers. If I remember rightly this collection was purchased from the late Peter Henderson, and I believe that if the American history of the dahlia could be traced out, he was the first to introduce the dahlia in variety and quantity to this country.

My sincere hope is that this American Dahlia Society may continue its good work so nobly begun so that in every home, no matter how humble, wherever there is a garden spot, dahlias may be planted and the country beautified.

Notes.

W. Atlee Burpee's display, that captured the gold medal, was as noteworthy for its artistic arrangement as for the quality of the stock. A background of black velvet, or velveteen, brought out the flowers in fine relief, but the quality of the stock was excellent and arranged with grasses. In this collection were noted such favorites as Mrs. Hugh Dickson, pink; Beliot, crimson; Delice, pink; Britannia, salmon pink; Mrs. D. Fleming, white, and The Lion, pink. George W. Kerr supervised the arrangement of this exhibit.

As the exhibition season is now opened, before we forget it, we would say a word to prospective exhibitors. If your stock is worth exhibiting it is worth while to label it properly. If there is no device in existence for properly labeling flowers in an exhibition, there are plenty of bright men who could soon invent one. We scribes



American Dahlia Society's Show.
Prize Vase of Dahlias Arranged by
G. E. M. Stump, New York.

do the best we can to report the shows, but a label that looks like a doctor's prescription, sometimes causes intemperate language.

Our friend and neighbor, W. A. Manda, of South Orange, N. J., is a valuable man for the exhibitions. He calls his place the "Universal Horticultural Establishment" or something like that, and as the lamented Lincoln used to say: "he is more than half right." His dahlias, Albert Manda and Mrs. Du Pont, are wonders. Albert Manda, a single pink nearly a foot in diameter, took first prize for the largest dahlia in the show.

The ladies were noteworthy as exhibitors. Sunshine, a beautiful yellow single, exhibited by Mrs. C. H. Stout, Short Hills, N. J., was a prize winner. The exhibit of Mrs. O. P. Chapman, Jr., Hillcrest Dahlia Gardens, Westery, R. I., was well staged and attractive and contained good stock. Several well arranged baskets and hampers were noted in this exhibit. It was not placed in competition.

Miss Eleanor F. Fullerton, 13 years old, of Medford, L. I., N. Y., captured a special prize for 25 distinct varieties, one flower each. Little Miss Fullerton is just naturally a florist; she could not help it. Her father, H. B. Fullerton, is director of the agricultural development of Long Island, and her mother knows more about flowers than half the florists in this country.

No exhibit was more carefully arranged than that of Geo. W. Stillman of Westery, R. I., and though the word "specialist" is sometimes misplaced it seems to fit Mr. Stillman. His stock was good and finely arranged.

R. Vincent, Jr., & Sons Co., White Marsh, Md., made a fine display and

had the largest number of blooms of any exhibitor. They were mainly arranged in pyramidal form, encircled by many vases of choice blooms. This exhibit captured the silver medal. It must be remembered that the flowers for this exhibit had a long journey.

It was agreed and so ordered, that President Vincent was a good mixer and that Manager John Young was sometimes mistaken for a college president. Also, that Secretary Lane was an indefatigable worker.

J. C. Vaughan of Chicago, who was in this city, visited the show as a guest of President Vincent. Mr. Vaughan was so well pleased with the show that he became a member of the society.

In addition to dahlias, John Lewis Childs, Inc., Flowerfield, N. Y., represented by I. S. Hendrickson, exhibited gladioli, montbretias and the *Celosia Childsi*, or Chinese wool flowers.

An arch with 2,500 dahlia blossoms from Richard Vincent Jr. & Sons, White Marsh, Md., was a striking feature, displaying over 100 varieties.

While the pompons were not so numerous, they were interesting. C. Louis Alling's smallest pompon was about the size of a 25 cent piece.

W. A. Finger, of the Long Island Dahlia Farms, Hicksville, N. Y., is one of the young men who may be called a specialist.

George L. Stillman went from New York to Trenton, N. J., to exhibit at the state fair that opened September 27.

John F. Anderson, Bernardsville, N. J., exhibited 12 seedlings not yet in commerce.

Awards.

Commercial.

One hundred varieties, one each, short stems—Geo. H. Walker, North Dighton, Mass., first; Geo. L. Stillman, Westerly, R. I., second; N. Harold Cottam & Son, Wappinger's Falls, N. Y., third; Peacock Dahlia Farms, Berlin, N. J., special prize.

Fifty varieties, one each, short stems—Geo. H. Walker, first; Geo. L. Stillman, second; N. Harold Cottam & Son, third; Long Island Dahlia Farms, Hicksville, N. Y., special prize.

Eight vases distinct cactus varieties, three in a vase, long stems—C. Louis Alling, West Haven, Conn., second.

Eight distinct varieties decorative, three in a vase, long stems—W. A. Manda, South Orange, N. J., first.

Eight vases distinct varieties show, three in a vase, long stems—C. Louis Alling, first.

Collection of peony-flowered, one of each—Geo. L. Stillman, first.

Finest and most meritorious display, any or all classes; grasses or other foliage allowed; quality and arrangement to count—W. Athie Burpee & Co., Philadelphia, Pa., gold medal; R. Vincent, Jr., & Sons Co., silver medal; W. A. Manda, bronze medal.

Dinner table decoration, any foliage allowed—Alfred Kottmiller, New York, first; Max Schling, New York, second; G. E. M. Stump, New York, third.

Decoration, any design with any foliage—G. E. M. Stump, first; Max Schling, second.

Vase, arranged for effect with any foliage—Max Schling, first; G. E. M. Stump, second.

Basket arranged for effect, any foliage—A. Kottmiller, first; Max Schling, second; Young & Nugent, New York, third.

Bridal bouquet, any foliage allowed—Max Schling, first; G. E. M. Stump, second.

Vase of pink, named, 12 in a vase, long stems—Peacock Dahlia Farms, first; C. L. Alling, second.

Vase of fancy dahlias, named, one variety, 12 in a vase, long stems—C. L. Alling, first.

Vase any other color, one variety, 12 in a vase, long stems—W. A. Manda, first.

Largest decorative bloom—W. A. Manda, first; Long Island Dahlia Farms, second.

Largest cactus bloom—Long Island Dahlia Farms, first; Arthur Daly, second.

Largest peony bloom—Mrs. H. Darlington, first.

Smallest pompon, six blooms—C. L. Alling, first; Wm. Shillabas, second.

Smallest pompon, cactus variety, six blooms—N. Harold Cottam & Son, first.

Smallest decorative pompon, six blooms—N. Harold Cottam & Son, first.

Special Classes.

Decorative, six each, six named varieties—W. A. Manda, first.

Pompon, six each, six named varieties—Wm. Shillabas, first.

Pompon, six each, 12 named varieties—Miss Elizabeth Morehouse, first.

Non-Commercial.

Fifty varieties, one each, short stems—E. M. Townsend, Oyster Bay, N. Y., first; Wm. J. Matthewson, Huntington, N. Y., second; Arthur Daly, New York, special prize.

Twenty-five varieties, one each, short stems—Arthur Daly, first; E. M. Townsend, second; Elmer F. Fullerton, Medford, L. I., special prize.

Twelve varieties, one each, short stems—E. M. Townsend, first; Arthur Daly, second; Mrs. H. Darlington (P. W. Popp, Gr.), special prize.

Twelve peony-flowered, 12 varieties, one of each, long stems—Mrs. H. Darlington, first.

Twelve decorative, 12 varieties, one each, long stems—Mrs. H. Darlington, first; Wm. Shillabas, Essex Falls, N. J., (J. P. Sorensen, Gr.), second.

Thirty-six single and century, 12 varieties, three of each, long stems—Mrs. H. Darlington, special prize.

Twelve cactus, one variety, long stems, one in a vase—Mrs. H. Darlington, first; Miss Elizabeth Morehouse, Fairfield, Conn., second.

Twelve pompons, one variety, long stems, one in a vase—Wm. Shillabas, first.

Twelve single or century, long stems, one in a vase—Mrs. H. Darlington, first; Mrs. C. H. Stout, Short Hills, N. J., second.

Twelve fancy, one variety, long stems, one in a vase—John F. Anderson, Bernardsville, N. J., first.

Color Classes.

Vase of scarlet, named, one variety, 12 in vase, long stems—W. A. Finger, Hicksville, N. Y., first; E. M. Townsend, second.

Vase of white, named, one variety, 12 in vase, long stems—R. Vincent, Jr., & Sons Co., first; Peacock Dahlia Farms, second.

Vase of yellow, named, one variety, 12 in vase, long stems—R. Vincent, Jr., & Sons Co., first; Long Island Dahlia Farms, second.

Outdoors at Dreer's.

When anything is said of the nurseries of Henry A. Dreer, Inc., at River-ton, N. J., the great ranges of glass immediately flash up in the picture as seen in the mind's eye of most people and the place is recognized. To those, however, who have explored it in its entirety, who have gone to the limit of its broad acres, the greenhouse section is seen only as a part, an area protected from the rigors of winter.

The original grounds, on which are built over three acres of glass, have been added to, until there was no more room for expansion. The ground occupied here is about 50 acres. In addition to the houses there are acres of frames and slat sheds for the care of stock in both winter and summer. The surrounding grounds are given to rose gardens, acres of herbaceous stock in great variety, hardy border ferns, a splendid rock garden, show and stock water lily ponds, and a section planted with a wonderful variety of foliage and plumed grasses.

The first extension to proper care for the space loving cannas and dahlias is found a mile away at Riverview, where 150 acres are filled with large quantities of the best varieties of these plants. Hundreds of long rows of cannas three or four hundred feet in



AMERICAN DAHLIA SOCIETY'S NEW YORK SHOW.

Prize Basket Exhibited by Young & Nugent, New York.

length run at right angles from the Pennsylvania railroad which passes the place. These extend the full width of the nursery, making a solid mass of color a quarter of a mile or more in width. Everything introduced in cannas is given a trial here. It is interesting that one or two plants of a variety are not sufficient to demonstrate its value, there must be enough to make a block or mass of color before its right to a place in the catalogue can be determined.

Sixty acres are here planted in dahlias; there are over 750 varieties in a total of over 300,000 plants. As with the cannas, every new sort is given a chance to demonstrate its usefulness. The great masses of color seen in the various large blocks of one kind are very striking. Hydrangeas are also a feature here, the newer French hybrids dominating. A number of the sorts bloom more or less all summer and have so far stood the winters admirably.

Three miles further inland is the locust farm, named from the rows of these splendid trees that line the entrance on either side. Here are 75 acres of rich, sandy soil on which are grown some 250,000 peonies, acres of herbaceous phloxes, acres of roses, own root ramblers, hybrid perpetuals and other species. A block of 20,000, budded on Japanese multiflora was an experiment that particularly interested Mr. Eisele. The two year old peonies were being taken up, four horses and three men handling the plow that loosened the roots. There are also quantities of other plants. Japanese irises were seen in quantity. A new scarlet sage, much better than existing sorts, was a mass of color. The phloxes were a sight—one block of 500,000 in full flower were dazzling. Near by was another block of 100,000.

The variety of these outdoor stocks is bewildering, and the quantity grown gives some idea of the extent of this great business. Many things, that the small amount of stock on hand does not warrant, and others for which there is a limited sale, do not get into the Dreer catalogue. There is a great and increasing demand for water lilies. Although there is nothing more decorative than a well planted lily pond, they cost less than flower beds of much less extent. One plant will cover 25 to 30 square feet, flower all summer, and cost but 50 cents. Eight or ten plants will cover a large pond and the cost is trifling. A few gold fish will keep the pond free from mosquitose.

K.

PHILADELPHIA, PA.—Carl Moll is building a small greenhouse at Gorgas lane and Ridge avenue.

HOUSTON, TEX.—The 1916 meeting of the Texas State Florists' Association will be held in this city instead of Dallas, as was arranged at the annual meeting this year. The meeting will be held the Monday before the opening of the S. A. F. annual convention.

BEACON, N. Y.—Benjamin Hammond, the well-known manufacturer of paint and putty, says there are about two hundred dwellings, and over two miles of picket fence in this city that need painting. In order to stimulate a "clean up" campaign, he has offered to donate to Highland hospital, 10 per cent of the amount received from sales of Hammond's paints used in this city during the next four weeks.



AMERICAN DAHLIA SOCIETY'S NEW YORK SHOW.
First Prize Basket Exhibited By Alfred Kottmiller, New York.

Houston Flower Show, November 17-20.

The flower show promises to exceed last year's show by 100 per cent. About 50 per cent of the florists of the state expect to make exhibits. They realize the value of this from last year's show, and are all coming in on this year's show. Aside from this, all of the out of the state exhibitors of last year and a great many additional are planning exhibits for this year, which shows they find it worth while. We feel that the S. A. F. convention for Houston in 1916 has a great deal to do with the added interest in our flower show here.

R. C. KEER.

Postal Inspection of Plants.

PLANTS ADDRESSED TO ARIZONA.

The state of Arizona has established places for the terminal inspection of plants and plant products, under the provisions of the Act of March 4, 1915, embodied in Section 478 $\frac{1}{4}$, Postal Laws and Regulations,

appearing on page 49 of the May, 1915, supplement to the Postal Guide.

All postmasters are, therefore, informed that packages containing plants or plant products addressed to places in the state of Arizona may be accepted for mailing only when plainly marked so that the contents may be readily ascertained by an inspection of the outside thereof. The law makes the failure so to mark such packages an offense punishable by a fine of not more than \$100.

The plants and plant products subject to terminal inspection in the state of Arizona are described as follows:

"All florists' stock, trees, shrubs, vines, cuttings, grafts, scions, buds, fruit pits and other seeds of fruit and ornamental trees or shrubs, and other plants and plant products for propagation, except vegetable and flower seeds."

Postmasters within the state of Arizona shall be governed strictly by the provisions of paragraphs 3, 4, 5 and 6, Section 478 $\frac{1}{4}$, Postal Laws and Regu-

lations, in the treatment of all packages addressed for delivery at their offices containing any plants or plant products above described as subject to terminal inspection.

The place to which a postmaster in the state of Arizona shall send for inspection, after receiving the required postage therefor, under the provisions of Section 478¼, Postal Laws and Regulations, a package containing plants or plant products subject to terminal inspection is the one in the list below which is nearest to his office: Clifton, Douglas, Kingman, Phoenix, Thatcher, Tucson, Yuma.

Owing to the perishable character of plants and plant products the packages containing such matter must be given prompt attention.

Any failure of compliance with the foregoing instructions, or with the provisions of Section 478¼, Postal Laws and Regulations, coming to the attention of any postmaster should be reported to the Third Assistant Postmaster General, Division of Classification.

PLANT INSPECTION IN CALIFORNIA.

Referring to the plants and plant products subject to terminal inspection in the State of California, as described in the third paragraph of the instructions pertaining thereto, appearing on page 5 of the June, 1915, supplement to the Postal Guide, postmasters are informed that bedding plants and other herbaceous plants and roots are no longer excepted from such terminal inspection and hereafter packages addressed to places in the state of California containing bedding plants and other herbaceous plants and roots shall be treated in the manner in which packages containing other plants and plant products subject to terminal inspection in that state are treated.

A. M. DOCKERY.

Third Asst. P. M. Gen.

First Party for Houston Convention.

William Gloeckner, of Albany, N. Y., writes R. C. Kerr that he will organize a party from his city for the Houston convention of the Society of American Florists. He says that the florists of his city expect to take advantage of this opportunity to visit the south. It is more than likely that this party will go by boat from New York to New Orleans or Galveston—this, however, will be decided later. Mr. Gloeckner says—"Houston is a long way from home, but I am going to do everything in my power to attend the convention next year and I will try to get every florist in Albany to accompany me on this trip."

The indications are, plans being formed so early, that this is going to be a record breaking convention.

Court Decision in Lost Bulbs Suit.

In a recent court decision rendered at Louisville, Ky., in the suit of the F. Walker Co., florists, vs. the Kanawha Dispatch, claim being made to cover loss of two barrels of bulbs and for overcharge in collecting freight charges on six barrels when four only were delivered, the original freight bill showing two barrels short and so noted by the railroad company, the judge rendered his decision in favor of the railroad company, based upon the following reasons:

That the F. Walker Co. had failed to present the deposition of the clerk

who made out the original bill of lading, as evidence that it was the original as made out by him for the railroad company.

That in the claim for refund of freight charges, claim being made for charges collected on two barrels, or one-third of the shipment, lost and not delivered, decision was rendered against the F. Walker Co. for the reason that it had failed to weigh the four barrels received so as to make a claim by weight instead of presenting claim for one-third of the amount of the charges paid on the entire shipment.

By the decision the F. Walker Co. loses the value of the two barrels of bulbs, lost through negligence of the railroad company, and not denied by the latter; also the overcharge on undelivered freight, and, in addition, the F. Walker Co. will have to pay the court costs.

American Rose Society.

The Cleveland flower show is progressing and it seems as though it will prove to be considerable of an exhibition. The interest in the rose exhibit is developing. Two more special prizes have been offered, one from Storrs & Harrison Co., Painesville, O., of \$25 and another of \$10 for the prettiest vase of cut roses, the decision to be made by a vote of lady visitors. There will also be a meeting of the American Rose Society held at that time in the Coliseum. The executive committee will meet in New York October 11.

BENJAMIN HAMMOND, Sec'y.

PROVIDENCE, R. I.—Joseph Kopelman & Co. are erecting one house, 35 by 300 feet.

St. Louis.

STOCK OF POOR QUALITY.

The weather has warmed up again and market conditions are not favorable either to the grower or retailer. Growers' stock, in most instances is soft and of poor quality. The retailer has but little demand outside of funeral work.

NOTES.

The semi-centennial of the town of Kirkwood will be celebrated this week. Luther Armstrong, the oldest settler of Kirkwood, is 78 years old and the 100 acres he lives among were purchased by his father for \$7 per acre and are now worth more than \$1,000 per acre.

Ed. Kalisch, of Kalisch Bros. Floral Co., expects to deal largely in all varieties of gold fish this winter. He has just returned from the east where he made purchases and got some pointers. He has fitted up a fine new aquarium.

Ed. Beuchel, of the Riessen Floral Co., has been laid up with rheumatism the past two weeks. Mrs. Beuchel's mother is also on the sick list.

The officers of the local florists' club will meet at Frank Windler's home before the regular club meeting in October.

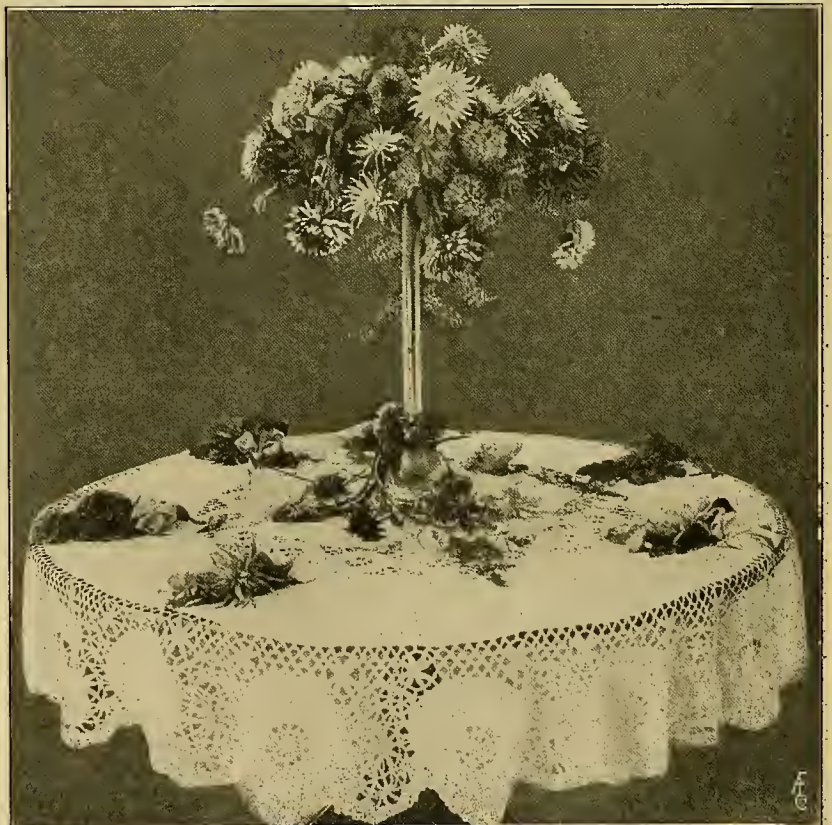
H. G. Berning has been receiving very good roses. Carnations, however, are not in general good quality.

Grimm & Gorly have the decorations for the automobile show at Forest Park Highlands next week.

Alex. Siegel has special sales in roses and carnations. Alex. has the bait and catches the fish.

Julius Schaeffer, of Mullanphy Florists, entertained some Chicago friends September 25.

Dave Geddes, of Scruggs, Vandervoort & Barney, reports satisfactory fall trade.



AMERICAN DAHLIA SOCIETY'S NEW YORK SHOW.
Prize Table Decorated by Max Schling, New York.

The retailers met September 20 and discussed Sunday closing. It was laid over.

Fred Alves, of Geo. H. Angermueller's has returned from a long vacation.

Foster, The Florist, has a special sale on Boston ferns this week.

A. Jablonsky is cutting some nice clean stock in carnations.

C. Young & Sons will have the decorations for the V. P. ball.

Mrs. Schoenle has a fine supply at all times of seasonable stock.

The Kirkwood boys report violet plants looking healthy.

M. M. Ayres Floral Co. report sales as improving.

John Steidle is beginning to cut carnations.

Visitors: G. M. Reburn, of A. Henderson & Co., Chicago; Charles Ford, of Hermann's, New York.

W. F.

Cleveland.

SUPPLY SHORTENS AND PRICES ADVANCE.

The market is not nearly so crowded with stock as it has been—beginning last week when asters played out, the supply of stock generally has decreased. Dahlias only are coming in good supply. Roses have shortened in supply and many orders could not be filled Saturday, September 25. Carnations are increasing in supply, but the quality is not yet up to a fair standard, and reds predominate. There are a few Easter lilies coming in. Lily of the valley is still short of the demand. Jap lilies can be had in quantity. Larkspur, Buddleya, or summer lilac, Shasta daisies, etc., clean up daily. Orchids are more plentiful. American Beauties continue to be in fair demand. Gladioli are short of requirements and are bringing a better price. Swainsona takes the place of lily of the valley in many bridal bouquets.

NOTES.

Pupils of the Cleveland Normal School displayed vegetables and flowers they have raised in their own gardens as part of their school work, September 24. Each girl has been required to have a garden this year as part of her training for a teacher. They have also been required to learn the rudiments of landscape gardening.

Frank Smith is in New York this week buying supplies for a decoration for the Smith & Fetters Co., which takes place next month. He is also visiting Louis Koons, who formerly worked for the Smith & Fetters Co.

After an active service of 27 years with the J. M. Gasser Co., L. F. Darnell has resigned the management of the company and disposed of his interests satisfactorily to all parties concerned.

Frank Ritzenthaler of Knoble Bros. has been quite ill the past week. A serum, injected into his system, instead of helping him, made him deathly sick. At last reports he is feeling somewhat better.

Russell Ball, of the Jas. Eadie Co., is in Charity hospital, where he has undergone an operation on his feet and limbs, several bones having been taken from his heel and knee.

Bert Evans, formerly with Holm & Olson, St. Paul, Minn., will have charge of the new store of the Jones-Russell Co., in the Taylor Arcade.

Mrs. Anna Nosek, 5307 Broadway has been ill for several days the past week. She was down town for the first time, September 24.

F. C. Bartels left for Kansas City, Mo., September 23, for a two week's vacation. His family is there and will return with him.

The florists' clubs in various cities have been invited to participate in a howling contest in this city during the flower show.

C. F. B.



DAHLIA MME. J. COISSARD.

One of the Best Peony-Flowered Varieties for Cut Blooms.

Minneapolis, Minn.

STOCK SCARCE AND DEMAND GOOD.

Roses are bringing from two to ten cents and are cleaning up well, and carnations are also in good demand at prices ranging from two to three cents. Chrysanthemums are scarce with the supply of Golden Glow about over. The late varieties are not in bloom. Asters, what few there are, are selling at from \$1.50 to \$2 per hundred. Sweet peas are quoted at \$1, and gladioli, which are still good, especially America, sell at two cents. Dahlias range from \$1 to \$3 per hundred. Ferns have advanced to \$2 per thousand, lily of the valley remains at five cents and smilax is \$2 per dozen. The rains during the past week have made the outdoor stock look rusty.

NOTES.

Mrs. W. D. Desmond has returned from the California expositions and a trip up the coast and speaks very highly of the expositions, the country and the courteous treatment she received while on her trip.

The next meeting of the florists' club will be held at the Donaldson greenhouses Tuesday evening, October 5. Everybody invited.

E. A. Farmer, of the Farmer Nursery, is expecting to go to his Florida nursery and continue the business without interruption, soon as the frost knocks the outside plants here.

Some of the department stores bought Boston ferns for decoration purposes fashion week, and closed them out at reduced prices later.

The team of Thos. Hall ran away from in front of Rice Bros.' store last week and demolished the delivery wagon. No one was hurt.

Mrs. R. Wessling has returned from a two months' visit to relatives in North Dakota, very much improved in health.

S. S. Cargill has his range in fine shape and expects to have a large cut of roses and carnations this season.

The Minneapolis Floral Co. had 14 pillows to make one day last week, besides a number of other pieces.

Visitors: Miss O. A. Tonner and mother, Chicago; Edwin J. Fancourt, representing S. S. Pennock-Meehan Co., Philadelphia, Pa.; E. P. Holm and O. R. Eckhardt, St. Paul, Minn.; Wm. Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.

T. C. R.

Washington.

G. A. R. ENCAMPMENT FLORAL FEATURE.

With stock arriving in sufficient quantity and better in quality, prices have advanced somewhat, and there has been a good demand in all lines. Roses, however, have been short of supply, and there has been a good call for American Beauties, Ophelia, Radiance, Hoosier Beauty, Mock, Kaiserin, Killarney Queen, Killarney Brilliant and Double White Killarney. The G. A. R. encampment gives promise of good business, and a number of luncheon and dinner decoration orders have already been booked.

NOTES.

Wm. Gude was guide and host to a number of notable horticulturists visiting the city, among whom were Prof. Corby, Dr. Van Fleet, Dr. True, Admiral Aaron Ward, S. S. Pennock and Robert Pyle. After luncheon he had the pleasure of taking his guests to the Arlington trial grounds, and after a pleasant hour they motored to Mrs. Chas. Bell's rose garden, which is considered one of the finest in the south. They spent considerable time here viewing the new varieties. Returning to the city, they were again the guests of Mr. Gude at what he called a "snack," but which some of his guests called a banquet.

Gude Bros. have a very attractive window decoration this week. Two large columns are surmounted with Boston ferns with a number of doves arranged on each. The background is of American flags and ferns, with a Grand Army badge made of cape flowers and immortelles in the center. This firm also had the decorations for the Court of Honor, Camp Emery, Pension building and the Union depot. In all, over 10,000 yards of laurel roping and 300 palms and ferns were used.

The window of the Washington Floral Co. is very attractive, with a decoration in the form of a huge Grand Army badge. It was arranged by Fred W. Miller, formerly of Charlotte, N. C.

George C. Shaffer's window is an immense bank of the national flower, the goldenrod, with American Beauty roses, with an American eagle perched on a stump.

It seems that the florists are arranging some elaborate window decorations to attract attention during the encampment. No expense is being spared.

Z. D. Blackstone has a very attractive window. It has brought forth much favorable comment, not only from visitors but from local florists as well.

Sam Masten, formerly with G. C. Shaffer, has accepted a position with the Dupont Floral Co.

G. C. D.

Kansas City.

FASHION SHOW INCREASES DEMAND.

The volume of business increased somewhat during the past week, due to the "Fashion show," which opened September 27, and created a demand for palms, ferns and decorative plants as well as cut flowers. There were prizes for the best decorated window displays in various lines of merchandise, and the competition was keen. In some cases very artistic basket arrangements and pot plants were used to elaborate the effect. The supply of stock was short all during the week, selling as fast as it reached the market, and in some lines, especially roses, there was a noticeable shortage. Carnations are some better, dahlias are more plentiful, and with lilies and gladioli found ready buyers.

NOTES.

Henry Kusik & Co. report more business than the stock will accommodate, the demand being so heavy that they are sold down to the last flower at the close of the day. Good roses in all varieties are being received, chrysanthemums are improving, gladioli are keeping well up in the line and carnations are better, both in flower and stem. The lily of the valley seen at this establishment is exceptionally good.

W. J. Barnes has been very busy arranging the decorations for the fifty-second anniversary of the Emery, Bird & Thayer Dry Goods Co.'s store. This was followed up with special decorations for the fashion show week, and a large number of decorative plants were used on both occasions.

Arthur Newell reports excellent trade during the week, the special features proving a great stimulant to



Wm. F. Gude.

Chairman Citizens' Committee Grand Encampment G. A. R., Washington, D. C.

business. He had orders for a number of elaborate plant baskets for window decorations. The demand for house plants, especially small palms, is very heavy.

At the M. H. Smith greenhouse stock in general is in excellent shape. He reports his chrysanthemums as being the best he has ever had, with buds and foliage both good. His begonias are reported as being very fine.

T. J. Noll & Co. are receiving excellent stock but report roses short of the demand. Carnations are of good quality and white and yellow chrysanthemums are more plentiful. The supply trade continues good.

Geo. M. Kellogg Flower & Plant Co., Inc., are cutting good roses, especially American Beauties. Carnations have improved and chrysanthemums are few but very good. Trade at this store is satisfactory.

Chas. Laundry is sending in some very good carnations, and will commence to cut his chrysanthemums in about 10 days. His begonias are looking fine.

Miss Lou E. Boggess, who has been on an extended trip, visiting many places of interest on the Pacific coast, will be back in her store about October 1.

W. L. Rock Flower Co. is cutting good roses and carnations, which are selling as fast as they are brought in. Decorative work is picking up fast.

The next meeting of the florists' club will be held October 4 at Henry Kusik & Co.'s, 1018 McGee street.

Chas. Biederman & Son report good business, with a strong increase in funeral work.

The nurserymen have displays at the corn carnival being held at Electric park.

E. J. B.

New Haven, Conn.

The city of New Haven had an especially fine exhibit made by the park department. Gustave X. Amrhn, the superintendent of the department, was a man especially fitted to look after such an exhibit. In 1903 he was president of the society. Both he and Mr. Tracy, of the department, acquitted themselves with credit in the display made. There were some fine specimens of dahlias, Japanese lilies, varieties of phlox, tuberose and a variety of roses. There were also some large bunches of pampas grass, unusually fine specimens.

The annual flower show of the New Haven County Horticultural Society was held in Harmonie hall, September 16-17, and was a complete success, both in number and variety of blooms. The character of the dahlia display was especially good. The show was held under the most unfavorable weather conditions, but the public were not losers, because basket after basket of fresh blooms were sent in to replace those affected.

The largest display made, however, was that of John H. Slocombe, the dahlia specialist. It occupied the whole of the stage setting of the hall and towered 15 feet high at the rear. It comprised dahlias—a great variety of seedlings—and cosmos.

P. W. Popp, Mamaroneck, N. Y., showed some excellent specimens of dahlias and gladioli, making a very artistic exhibit.

John Lewis Childs, Inc., Flowerfield, N. Y., showed 80 large vases of gladioli, each vase a different variety—a wonderful exhibit.

A. N. Pierson, Inc., Cromwell, Conn., showed five varieties of the newer roses and a half-dozen varieties of phlox.

The Late William Murphy.

William Murphy, one of the best-known florists of Cincinnati, O., passed away at his home in that city, Monday, August 27, aged 58 years, having been in ill-health and under medical care for about a year. He was born in Illinois, but came to Cincinnati with his parents when he was about two years old. About 33 years ago he engaged in the florist business as a grower, and for the past 15 years has had a wholesale commission establishment.

Mr. Murphy was one of the first members of the Cincinnati Florists' Society and has at different times held nearly every office in that society. He was also superintendent of exhibits at the twenty-fifth annual convention of the Society of American Florists, which was held in Cincinnati in 1909, and was superintendent of exhibits at the fall flower show held in his home city about two years later. He is survived by his wife, four daughters, and a son, W. Ray Murphy, who will continue his father's business.

Mr. Murphy was an industrious and painstaking man, whose efforts in his various lines of activity, merited the success he attained.

H.

SEDALIA, MO.—The Archias Floral Co. made a fine display at the state fair, September 25-October 2, where it welcomed its many friends in the agricultural building.

FAR AND NEAR.

SPRINGFIELD, MO.—J. W. Stokes, proprietor of the Stokes Floral Co., will have charge of the cut flower stand in the new store of the Chas. H. Herr Dry Goods Company. His business on East Walnut street will be continued as usual.

DALLAS, TEX.—The Brown-Dawson Co., which was recently thrown into bankruptcy by a petition of creditors, will continue to operate under management of a receiver, Bertrand Adoue. Business will be handled promptly as before.

HAMPTON BEACH, N. H.—J. J. Comley, florist, Newburyport, Mass., was awarded a silver cup for a decorated automobile in the floral parade at the beach carnival, September 9. He used over 5,000 flowers in the arrangement.

MADISON, N. J.—Edward Reagan, secretary of the Morris County Gardeners' and Florists' Society, has the schedule for the twentieth annual flower show, which will be held October 28-29, ready for distribution.

MARIETTA, O.—J. W. Dudley & Sons Co. have taken over the business of the Marietta Floral Co., the transfer including the greenhouses in this city and retail establishments in Clarksburg and Huntington, W. Va.

HOLYOKE, MASS.—November 3-4 have been decided upon as the dates for the third annual flower show of the Holyoke and Northampton Florists' and Gardeners' Club. A liberal schedule of prizes has been arranged.

WILKES-BARRE, PA.—Ira G. Marvin, florist, has filed a petition in bankruptcy before Referee in Bankruptcy E. Foster Heller, 1008 Coal Exchange building, directing payment of certain claims entitled to priority.

PETERBORO, ONT.—C. Williamson, secretary of the Peterboro Floral Co., who has been confined to the hospital, suffering from an attack of typhoid fever, is progressing favorably, according to recent reports.

SEDALIA, MO.—The Sedalia Democrat, in its issue of September 19, supplements a very complimentary write-up of the State Floral Co., of this city, with an illustration of the company's range.

WICHITA, KAN.—W. H. Culp & Co. have rented a store at 139 North Main street, opposite their present location and are fitting it up at considerable expense as an up-to-date flower shop.

DULUTH, MINN.—The business of the Duluth Floral Co. has been about as usual the past summer and the prospects are for a good fall trade. W. W. Seekins is now identified with this firm.

HATFIELD, IND.—Smith Hazen has offered to donate a large number of Japanese chestnuts to be planted along the proposed Dixie "beeline" between Danville, Ill., and Nashville, Tenn.

LOUISVILLE, KY.—S. E. Thompson, who has conducted a flower shop at 418 West Walnut street for a number of years, will open a store at 647 South Fourth avenue early in October.

WALTHAM, MASS.—Pierce Bros. recently donated 5,000 roses, which were sold in theaters and other public places, the proceeds being devoted to the G. A. R. encampment fund.

WHEELING, W. VA.—George S. Wehrley, of Fairmont, has purchased the business of Forbes & Donahy, who conducted a flower shop in the McLure hotel for a number of years.

HOUSTON, TEX.—Miss E. B. Richards, after returning from a vacation trip to the Pacific coast, has been promoted to the position of manager of the Forestdale Flower Shop.

HONESDALE, PA.—Lewis Schultheis, brother of Anton Schultheis, well-known florist of Scranton, Pa., has accepted a position with the Maple City Greenhouses as manager.

SYRACUSE, N. Y.—Extensive improvements and alterations have been made at the store of P. R. Quinlan & Co., Salina street, under direction of Hugh McCarthy, the manager.

SCRANTON, PA.—The Scranton Florists' Supply Co. will enter the wholesale commission business about October 15. The supply department will be continued as in the past.



The Late Wm. Murphy, Cincinnati, O.

ST. JOSEPH, MO.—Norman Richardson, who has been connected with Vaughan's Seed Store, Chicago, will open a flower and seed store in the Union Bank building.

DENVER, COLO.—The Elich-Long Flower Store has discontinued its store in this city. R. Newcomb, representing the W. W. Bernard Co., Chicago, was a recent visitor.

KALAMAZOO, MICH.—A very artistically arranged flower shop has been opened at 106 West Main street by the Misses Erb of Grand Rapids, under the name of Erb & Erb.

PORTLAND, ME.—Thirty-six members of the Portland Florists' Association were the guests of Alexander Skillin of Skillin Bros., at an outing and clam bake, September 15.

PROVIDENCE, R. I.—The Providence Horticultural Co. has opened a suite of offices at 107 Westminster street and will specialize in forestry and landscape gardening.

LINCOLN, NEB.—Oscar H. Enslow, who has been identified with the florist trade in this city for 18 years, has opened a flower shop at 135 South Twelfth street.

ELMIRA, N. Y.—The King Construction Co., North Tonawanda, N. Y., has an order for a semi-iron house to be erected for G. T. Janowski, 114 Esty street.

EVANSVILLE, WIS.—Gorrell & Co. are building a new greenhouse 20 by 75 feet.

INDIANAPOLIS, IND.—It is reported that B. F. Hensley, of Knightstown, Ind., is planning to enter the retail and wholesale florist business in this city.

HUTCHINSON, KAN.—J. Ralph Souder has completed his new range of houses on Eleventh avenue, and they were opened to the public September 18.

WILKES-BARRE, PA.—The city park department is making arrangements for the purchase of tulip bulbs, which will be planted in Public Square park.

WOODSTOCK, ILL.—George Moncur is adding one house 30 by 80 feet to his range to be used for vegetables. He will install a larger heating plant.

FORT DODGE, IA.—The North Floral Co. will occupy their new downtown headquarters at Eleventh street and Central avenue, October 1.

CLEVELAND, O.—The J. M. Gasser Co. is starting a \$10,000 building at 527 Huron road, which will be used for its wholesale headquarters.

SAN ANTONIO, TEX.—Mrs. Chas. Albrecht has added a new house to her range and will install another boiler in the heating plant.

CEDAR RAPIDS, IA.—John E. Lapes, florist, suffered a loss of about \$2,000, when fire destroyed his store in the Boyson building.

FALLS CITY, NEB.—Simanton & Pense, florists, used a carload of plants and flowers in their display at the state fair at Lincoln.

ELYRIA, O.—James McLaughlin, formerly of the Elyria Flower Store, has opened the Floral Art Shop at 367 Broad street.

GALESBURG, ILL.—I. L. Pillsbury has purchased an auto truck for delivering flowers. He has also remodelled his store.

MILWAUKEE, WIS.—The local florists' club will have an exhibition in the rooms of the Milwaukee Art Society in November.

DETROIT, MICH.—The Gus. H. Taepke Co. has incorporated with a capital of \$15,000, and will do a general florist business.

SAN JOSE, CALIF.—Arthur Cann, florist, has moved into his new flower shop at South First and San Antonio streets.

CUMBERLAND, MD.—Francis Xavier Millman and wife celebrated their golden wedding anniversary September 27.

SPRINGFIELD, MASS.—N. F. Higgins has formed a partnership with George Johannes, formerly of Cromwell, Conn.

CHELSEA, MASS.—Tower & Harney are now located in their new flower shop at 440 Broadway.

ALBIA, IA.—Homer Richey, of this city, has been elected president of the Society of Iowa Florists.

LA CROSSE, WIS.—The Hillview Greenhouses have been incorporated with a capital stock of \$15,000.

ROBINSON, ILL.—Ernest Oldham, florist, has removed his range from Palestine to this city.

CHATTANOOGA, TENN.—The Johnson Floral Co. has opened a flower shop in the Century building.

SOUTHAMPTON, MASS.—A flower shop has been opened by C. A. Rosander at 159 Main street.

HARTFORD, CONN.—A flower shop will be opened by Edward Logan at 21 Market street.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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WIRE, annealed, as used by florists has been advanced in price 10 cents per 100 pounds.

THE fire risk at greenhouse establishments is greater during the fall than at any other time of the year.

WE are in receipt of advance sheets of the final premium list of the Cleveland flower show. For copies address Frank A. Friedley, 356 Leader building, Cleveland, O.

GLASS jobbers at a meeting held in Chicago, September 21, made no substantial change in prices of greenhouse glass which will continue practically the same as heretofore.

HARRY A. BARNARD, of Stuart, Low & Co., London, Eng., who was a visitor this week, says trade conditions in England are very satisfactory, considering the situation, and improving steadily.

President Welch Forecasts Prosperity.

It is becoming quite clear that business in every branch of trade throughout the country is slowly but perceptibly improving. The flower business not only presents a cheerful outlook for the coming season, but there is every indication that it will surpass the business transacted in the year 1912-13. While business is still at a low ebb, the corner seems to have been turned and the cool weather coming on will help materially to increase the volume of trade. A small but distinct increase in activity has taken place in the last few days. Money is extremely abundant, producers taking advantage thereof by improving and building larger and more up-to-date greenhouses, while on the other hand both wholesalers and retailers are experiencing a brisk demand for their goods. To crown it all, there have been less business failures in our line during the past season than for some years past.

The cotton and woolen mills throughout the country are running up to 85 per cent capacity. A fresh lot of foreign orders help to stimulate manufacturing. Woolen mills as a rule are busier now than they have been for years. The steel and iron industries are flourishing to an extent not experienced in a generation, manufacturers exporting from 40 to 60 per cent of the total product. Railroad earnings are materially better, reflecting more closely the present industrial activity. The improvement in the volume of bank clearings over that of 1912 and 1913 is a most hopeful sign. In New England they increased during August 15 per cent, the middle states 5½ per cent, while the country as a whole shows a healthy increase of about seven per cent. Back of all these lesser factors is the production of bumper crops, now a practical certainty.

With such encouraging conditions existing throughout the country it is only reasonable to expect increased business in commercial floriculture. Trade in cut flowers is no different to that in other lines. If a period of dullness is experienced it is but natural for improvement to follow, the principle of averages holding good in the sale of flowers as in the buying and selling of other commodities.

PATRICK WELCH,
President Society of American Florists.

Azaleas Coming.

With regard to fall shipments of azaleas and other plants from Belgium, we have been in constant cable communication with our connections in Belgium, Holland and London, but the arrangements have been made and upset so often that we feared to make any definite statement. Now we can say definitely that fall shipments will come. We review briefly the changes as follows:

First—From June to August the shipments were included with the British "Order in Council" goods, and shipments were embargoed by the British authorities and could not leave.

Second—During August, all arrangements were made with the British authorities, the embargo was lifted, permits were given to individual Belgium shippers on the understanding that payments for the shipments be made in England before the shipments left Belgium.

Third—Early in September, when shipments were ready to leave, the German authorities—learning that proceeds would not go directly into Belgium—prevented shipments from leaving Belgium.

Fourth—Now arrangements have been made with both the German and British authorities and shipments are now leaving Belgium.

The above refers exclusively to our own shipments—we cannot speak for all Belgium shippers, or all American consignees. Within a few days we expect to be able to advise you what Belgium shipments have already left Rotterdam.

McHUTHCHISON & Co.

Chicago Grand Floral Festival.

Recent appointments include committee of ways, means and audit with Peter Reinberg as chairman. The other members of this committee so far appointed are C. L. Washburn, N. J. Wietor, Phillip Schupp, Geo. Reinberg, E. C. Amling, Emil Buettner, F. Hoerber, A. L. Randall, Ed. Meuret and J. H. Kidwell.

August Poehlmann has been elected treasurer. The committee on lectures has W. J. Keimel for chairman and it is proposed to arrange for an elaborate series covering subjects of public interest with stereopticon views, this having been one of the taking features at previous Coliseum shows.

Arrangements are under way for an elaborate display of vegetables in which various nearby horticultural organizations such as those of Lake Geneva, Lake Forest, Winnetka, etc., will be the contestants.

H. B. Kennicott as chairman of the press committee is at work with his assistants preparing material for an elaborate publicity campaign in the local newspapers.

Guy W. French, chairman of the Florists' Club special premiums committee reports highly satisfactory results from his first day's canvass.

A. I. Simmons has been appointed chairman of committee on music.

August Koch has been appointed chief of the information bureau.

M. BARKER,
Chairman Publicity Committee.

Fourth National Flower Show.

The press and publicity committee had a meeting in the office of Chairman Therkindson, of the publicity committee, September 23, where the plan for general local publicity was agreed upon. Several poster stickers to be used in the correspondence of the several local firms were selected as well as the design for the premium list cover. It was also decided that a design should be worked up for window cards, posters and programme, this design to be used on all three with the idea of getting the advantage of the accumulative value of keeping one design constantly before the people. The press and publicity committee is made up of a man from each one of the Philadelphia papers, the thought in view being that having a man in attendance at each meeting the show will get publicity which it would not get otherwise.

Special lists of the numerous premiums offered by Henry A. Dreer, Inc., and the Henry F. Michell Co., Philadelphia, Pa., have been issued and W. Atlee Burpee & Co.'s list of special prizes for sweet peas will be ready shortly.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, 'mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Situation Wanted—Young man with experience in general greenhouse work and gardening desires position in greenhouse. A person of good habits and industrious worker. Prefer to go east near home in Connecticut, but open to offer from any place. Employed since Spring by Horticultural Dept. of N. D. Experiment Station. Ready Oct. 15. Address CHAS. S. FITTS, 1016 14th St. No., Fargo, N. D.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—Experienced florists wanted for cut flower departments; no plantmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist business with large greenhouse, 7 room dwelling, ¼-acre lot; all kinds of money made; no competition. All for \$2,700. Mas. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—Florists' White Ice Box, 600 pounds capacity; made by Schmidt of Cincinnati; used one year; perfect condition. Cheap, if sold at once. Address Key 551, care American Florist.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retails for \$175.00; f. o. b. Dayton, \$125.00, cash. Address Mrs. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—\$700.00 cash buys one of the best retail florist stores in Chicago. Two months rent free. Biggest bargain ever offered to anyone who can plank down \$700.00 immediately. Chance of a life-time. First come, first served. Key 565, care American Florist.

For Sale—Fine \$250.00 retail florists' refrigerator for \$150.00 cash. Reason for selling, owner wants to install larger one of same make. Used only six months. Now in use in Chicago retail store, where same can be inspected. For further particulars, address Key 566, care American Florist.

For Sale—On account of death of my husband, have 4 greenhouses and dwellings for sale or rent. Splendid location, established 28 years, doing fine business; whatever is in stock given gratis. For particulars call or write. MRS. THERESA VALON, 838 31st Street, Milwaukee, Wis.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

For Lease or Sale—My new greenhouse, 20x120 and 2 acres of best land, 4 room house, furnished. Greenhouse planted to late sort roses; cutting good ones. Ready market. Will rent cheap to a rose grower for a year. Here is your chance to try a year on the coast. Can do business from your first day in possession. To a good man I will give a good chance. Get busy. S. L. HARPER, Florist, 9021 Pacific Ave., Tacoma, Wash.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

For Rent--Chicago

Store at 1139 Loyola Ave., near the corner of Sheridan Road. Splendid stand for live florist. No competition. Right opposite Loyola station, Northwestern L. Steam-heated building. Rent low to good tenant. Enquire in Maguire Drug Store, 6543 Sheridan Rd., Chicago

FLOWER STORE FOR RENT.

New England city of over 100,000, central and splendidly situated, one-half store, rent including fixtures \$70.00 per month. Flower store for five years. Address

Key 561, care American Florist.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.,

of THE AMERICAN FLORIST, published weekly at Chicago, Ill., for October 1, 1915, required by the Act of August 24, 1912.

NOTE—This statement is to be made in duplicate both copies to be delivered by the publisher to the postmaster, who shall send one copy to the Third Assistant Postmaster General, (Division of Classification) Washington, D. C., and retain the other in the files of the post office.

Editor and Business Manager—Michael Barker, 440 South Dearborn Street, Chicago, Ill.

Publisher, American Florist Company, 440 South Dearborn Street, Chicago, Ill.

Owners: (1) a corporation give its name and the names and addresses of stockholders holding 1 per cent or more of total amount of stock. If not a corporation, give names and addresses of individual owners.—Estate of E. Asmus, W. Hoboken, N. J.; M. Barker, 440 S. Dearborn St., Chicago, Ill.; W. Atlee Burpee, 485 N. Fifth St., Philadelphia Pa.; John Burton, Wyndmoor, Mont. Co., Pa.; J. D. Carmody Farms, Kokomo, Ind.; Robt. Craig, 49th and Market Sts., Philadelphia, Pa.; J. B. Deamud, 1729 W. 10th St., Brooklyn, N. Y.; James Deas, Freeport, L. I., N. Y.; Emresia J. Dickey, care of Byron Reed Co., 212 S. 17th St., Omaha, Neb.; Wm. Falconer, Allegheny Cemetery, Pittsburgh, Pa.; Halliday Bros., 11 E. Baltimore St., Baltimore, Md.; Maggie Harris, 55th and Springfield Ave., Philadelphia, Pa.; Estate of Edwin Lonsdale, Lompoc, Calif.; Mrs. Catherine Mathison, Waltham, Mass.; John N. May, Summit, N. J.; F. R. Pierson, Tarrytown, N. Y.; Isaac D. Sailer, 929 Chestnut St., Philadelphia, Pa.; Estate of Louise Schiller, 2207 W. Madison St., Chicago, Ill.; H. A. Siebrecht, New Rochelle, N. Y.; W. J. Stewart, 11 Hamilton Pl., Boston, Mass.; J. C. Vaughan, 31 W. Randolph St., Chicago, Ill.; Annie G. Whitnall, 4001 Harvard Blvd., Los Angeles, Calif.; C. B. Whitnall, 026 Locust St., Milwaukee, Wis.

Known bondholders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities.

There are no bonds, mortgages or other securities outstanding against THE AMERICAN FLORIST. AMERICAN FLORIST COMPANY.

Michael Barker, Sec'y. Sworn to and subscribed before me this 20th day of Sept., 1915.

[SEAL.] ALBERT L. KOEHLER, Notary Public.
(My commission expires May 1, 1916.)

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

THE MacNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World

We are in a position to handle consignments of any size, large or small.
Prompt remittances made immediately goods are sold.

Cincinnati.

SUPPLY MORE THAN SUFFICIENT.

Although the general supply of stock in the market shortened very materially last week, there is more than enough to go around. It seems that a heavy frost is needed to get rid of outside stock, but if a heavy frost should occur, we would probably have a scarcity of stock in the market. The aster season is about at an end, but a limited amount of blooms of any quality at all are coming into the wholesale houses. Gladioli, too, are about over with for the season, but arrivals include some excellent blooms. Roses of all kinds are plentiful and are good, but with the condition of the market at the time of this writing it is impossible to clean up all of them. Carnations, too, are plentiful. Lilies are a little scarce, but the chances are the scarcity is temporary. Rubrums, however, are plentiful. Some very fine dahlias may be had. Other offerings include cosmos, lily of the valley and orchids.

NOTES.

E. G. Gillett and C. J. Ohmer motored to Culver, Ind., the early part of this week.

C. E. Critchell has received a large supply of baskets for his fall trade.

J. T. Conger has gone to Chicago to take his mother to her home.

Visitors: R. E. Blackshaw, representing A. L. Randall Co., Chicago; B. J. Dudley, Parkersburg, W. Va.; Miss Federle, Hamilton, Ohio. H.

Boston.

COOLER WEATHER HELPS MARKET.

The cooler weather during the past week has brought about a favorable change in business conditions. The supply of outdoor flowers has shortened considerably, causing a general rise in prices. Gladioli are nearly done for this year, and good flowers bring \$3 and \$4 per 100. Asters, also, are in short crop, but the demand is not very heavy. Roses sell far better than they did last week, the demand still being for white and the newer varieties, such as Ophelia, Hadley and Russell. Carnations are more plentiful and are daily improving in quality. During the last two days of the week, they brought from \$1 to \$2 per 100. Chrysanthemums are coming in larger quantities. Golden Glow is practically the only variety seen. They are in fair demand at \$1 per dozen.

NOTES.

During the last week in October, there will be held a "country fair" at Mechanics building, under the management of Chester I. Campbell. Mr. Campbell offered \$500 in cash prizes for the florist competition. The matter was taken up by the Co-operative Flower Market and they are doing all in their power to insure good competition. This is a fine opportunity for

florists and growers to compete and advertise their stock in a profitable manner.

The first meeting of the season held by the Gardeners' and Florists' Club took place September 21. M. C. Ebel, of Madison, N. J., was scheduled to address the club, but ill health prevented his being present. Henry Penn gave a very interesting talk on his trip to California. It was voted to have the annual banquet in February, 1916. There were interesting exhibits from W. A. Manda and W. N. Craig.

Percy Green, of Quincy, is seeking an injunction against the Fore River Ship Building Co. for damages from soot and smoke done to his greenhouses and stock. The case is still pending and his brother florists unanimously wish him success in his just cause.

Wm. Penn arrived from his visit to the Panama-Pacific exposition and the western states, Wednesday, September 22. He had a very enjoyable trip and is very enthusiastic about the profuse vegetation of southern California.

R. P. Christafferson, of Lowell, is shipping a fine cut of roses to H. M. Robinson & Co. at the Boston Co-operative Flower Market. His white and Dark Pink Killarney are especially fine.

F. L. Sly, of South Stoughton, has already commenced his shipments of single violets. They are coming even better than usual at this time and he expects to have some very fine flowers this season.

On Wednesday, September 22, Henry Penn gave to the hospitals of greater Boston 35,000 roses. He was highly commended by the daily papers for his generosity and thoughtfulness.

The Mishawum Flower Co. is cutting Chrysanthemum Golden Glow in quantity. The flowers are very good and find a ready market. F. L. W.

Ft. Wayne, Ind.

WINTRY WEATHER SHORTENS SUPPLY.

A change from the torrid heat of summer to the almost freezing cold of winter, with numerous windstorms, has shortened up the supply of all stocks, particularly roses. Outdoor stocks have been seriously affected by the change, and in consequence there remains only greenhouse stock to choose from. The crop of chrysanthemums is increasing slowly and prices are rather stiff. Merchants are holding their fall openings and occasion a demand for flowers, and a number of fall weddings and considerable funeral work has helped to offset the loss of business occasioned by the street car strike. Carnations are improving with the advent of cold weather and roses have improved wonderfully during the past few days.

NOTES.

The decorations for the opening of the Reed shoe store, September 22, car-

ried out by Miss Flick, of the Flick Floral Co., were very elaborate. Huge baskets of Golden Glow and October Frost chrysanthemums arranged with Shawyer, Sunburst and Russell roses were very attractive and thousands of roses were presented to visitors.

A deal for the erection of a large building on Harrison street, by the Flick Floral Co. was closed last week. The deal involves \$125,000. A lease has already been signed by the Ford Automobile Co., who will occupy the first floor when the building is ready for occupancy.

Miss Margaret Vesey gave a luncheon September 20 in honor of her aunt, Mrs. A. D. Morrison of Decatur. Covers were laid for eight at the English Tea Room and the floral arrangement was very attractive.

H. K.

Buffalo.

TRADE IN GENERAL IS ACTIVE.

The past week has been an ideal one for everyone. Flowers were good—even the belated asters tried to look good and the dahlias were most beautiful. The early chrysanthemums tried to crowd in but there was no demand for them and carnations are only called for by the casual buyer. The roses showed improvement daily, the cool nights and the care given them in the greenhouse being responsible for their good showing. Trade in this vicinity has been very active. There have been a number of September weddings calling not only for brides' bouquets but for palms and other accessories that the florist furnishes for the wedding. There have been three weddings of unusual size which called for elaborate displays of choice flowers both for the church decorations and the homes, and on one occasion the decoration of this city's swell club. The decorations for the three were arranged by S. A. Anderson. Aside from the numerous weddings, there have been several funerals of prominent people, one being that of one of the city's largest contractors and the display of flowers was of the best. Designs by W. J. Palmer & Son, Wm. Scott Co., Inc., and S. A. Anderson showed some choice stock, with those of other florists noteworthy both in arrangement and quality.

The meeting of the New York State Federation of Floral Clubs at Syracuse was well attended, and while the results are not what was originally anticipated, the progress is encouraging and it will not be long before there will be a chair of floriculture and new greenhouses at Cornell University, with a building at the state fair at Syracuse for flowers, vegetables, fruit and all pertaining thereto, together with lawn flower beds and all that will make the state fair second to the Toronto exposition—and that is worthy of a visit from anyone within a radius of 200 miles of Toronto. BISON.

A Few Seasonable Dreer Specialties



English Ivies

We have a few hundred plants in 7-inch tubs trained on oval trellises, as shown in illustration, 30 inches high, 18 inches in diameter, which are meeting with much favor with buyers who see them at our nurseries, price \$1.25 each. Also good 4-inch pot plants about 30 inches high at \$2.00 per doz.; \$15.00 per 100.

For the most complete list of seasonable stock in Plants, Bulbs, Seeds and Sundries see our current Wholesale List

HENRY A. DREER, 714 and 716 Chestnut St., Phila., Pa.

The above prices are intended for the trade only.

Ananas Sativa Variegata The Variegated Pineapple

Splendid Plants in 4-inch pots.....	Each	\$0 60
" " " 5-inch " 		1 00
" " " 6-inch " 		1 50

Araucaria Excelsa

As there are no prospects of imports of these arriving from Belgium this fall, we recommend early orders, small sizes have already been sold out, the sizes noted below are very fine and the best values we have ever offered.

5-inch pots, 10 to 12 inches high, 3 tiers	Each	\$0 60
6-inch " 12 to 15 " " 3 to 4 "		75
6-inch " 16 to 18 " " 4 "		1 00
7-inch " 18 to 20 " " 4 to 5 "		1 25

Araucaria Excelsa Glauca

6-inch pots, 8 inches high, 2 tiers.....	Each	\$0 75
7-inch " 12 to 14 " " 3 to 4 "		1 25

Araucaria Robusta Compacta

6-inch pots, 10 to 12 inches high, 2 tiers.....	Each	\$1 00
6-inch " 12 to 14 " " 3 "		1 25
7-inch " 14 to 16 " " 3 "		1 50

Crotons

A splendid collection of the most attractive varieties for florists' work, well colored plants of good value.

4-inch pots.....	\$4.00 per doz.; \$30.00 per 100
5-inch "	\$6.00 to \$9.00 per doz.
Large plants.....	\$1.00 and \$1.50 each

Cibotium Schiedei

It is almost impossible to put up a first-class decoration without including some of this beautiful variety.

Fine 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5.00 each

The Glory Fern Adiantum Farleyense Gloriosa

Similar to Farleyense, easier to grow, and much hardier.

3-inch pots	\$1.50 per doz.; \$10.00 per 100
4-inch pots.....	2.50 per doz.; 20.00 per 100
6-inch pots.....	1.00 each

Ficus Elastica

A splendid lot of 4-inch pots, \$3.50 per doz.; \$25.00 per 100

Mention the American Florist when writing

Newport, R. I.

The dahlia show under the auspices of the Newport Horticultural Society and the Newport Garden Association was held on the association's grounds September 23-24, but owing to a heavy rain and wind storm just previous to the opening, the exhibition did not come up to the usual standard. It was a dahlia show exclusively, and the displays were arranged on tables in a tent.

In the amateur classes the amateurs were conspicuous by their absence, and while the school children came in strong with a varied assortment, the

displays showed signs of having been hit by the storm. Some excellent blooms were staged by W. D. Hathaway, dahlia specialist of New Bedford, Mass.; Miss Fanny Foster (Jas. Boughtout, Gr.), and T. O. Richardson (Jas. Robertson, Gr.), of Newport.

In the open classes, W. D. Hathaway took first for the best six decorative, best 12 cactus, and the best display. T. O. Richardson got first for best 15 single red, white, and yellow and also for best vase of 15 cactus, pink and red. Miss Foster took first in best six cactus and best 15 single any color. The varieties and quality of blooms shown by the above mentioned ex-

hibitors were remarkably good, and worthy of special mention. In W. D. Hathaway's display were some 40 varieties.

The best outstanding were counters of Kenmare, Sweet Briar, Crystal, Rev. T. W. Jamieson, John Riding, Stability, Yellow Crown, Advance, Kalif, Glory of Wilts, Faunus, Mrs. Douglas Fleming, Wellington, Nashoon Extase, and Marg. Bouchon. The best six decorative dahlias were La Colosse, Marjorie Field, Jeanne Charmet, Le Grand Manitou, Lucy Fevrier, Com. Rivoire. The best single dahlias shown were Newport Pride, yellow; Newport Jewel, red; The Bride, white. J. J. B.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--VALLEY--CARNATIONS--BEAUTIES

Cattleyas=White Dendrobiums=Yellow Oncidiums=Gardenias

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$4.00
36 in.....	3.00
30 in.....	2.50
24 in.....	2.00
20 in.....	1.50
18 in.....	1.25
Short.....	per 100, \$4.00, \$8.00

Mrs. Chas. Russell

	Per 100
Specials.....	\$20.00
Long.....	\$12.00 to 15.00
Medium.....	\$6.00, 8.00, 10.00
Short.....	\$4.00 to 6.00

Hoosier Beauty	}	Special..	Per 100	\$10 00		
HADLEY					Long...	8.00
OPHELIA						
SUNBURST					Med.....	\$5.00 to 6.00
MILADY	Short... 3.00 to 4.00					
FRANCIS SCOTT KEY		8.00 to 12.00				

RICHMOND	}	Per 100		
BULGARIA			Specials.....	\$10.00
AARON WARD				
KILLARNEY			Long.....	\$6.00 to 8.00
WHITE KILLARNEY				
KILLARNEY QUEEN			Medium..	4.00 to 5.00
" BRILLIANT				
	Short.....	3.00		

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, 2.00

MISCELLANEOUS

	Per 100
Daisies, Shasta	1.00
Gladioli.....	4.00
Smilax,.....doz.	\$2.00
Plumosus and Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.25
Leucothoe.....	.75
Mexican Ivy.....per 1000,	\$6.00
Ferns, new crop.....per 1000,	2.00

ORCHIDS

Cattleyas.....	per doz. \$6
White Dendrobiums.....	per 100, 6
Yellow Oncidiums.....	per 100, 4

GARDENIAS

Per doz.....	\$2.00 to \$3
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EASTER LILIES

Per 100.....	\$12
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LILY OF THE VALLEY

Fancy, per 100.....	\$5
2nd	\$3.00 to 4

CARNATIONS

All colors, per 100.....	\$2.00 to \$3
Short, assorted, per 100.....	:

WILD SMILAX

Per case.....	\$1
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Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock

FLORISTS' SUPPLIES

CYCAS LEAVES

Just what you want for base work in designs and wreaths,
8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish.
Cycas Leaves, in assortment, 12 to 40 inch, per 100, \$7.00.

American Prepared Oak.

Brown, Red and Green Magnolia Leaves.

12 Bales Moss, - - - - - \$10.00

Daylite Glass Cleaner, Paints, Liquid Putty

50 Assorted Tumbler Baskets (two-toned) with liners, \$10.00

Write for New Design Book (Colored Plates), Each, 50 cents

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Field-Grown Carnation Plants, A1 Quality

	Per 100	Per 1000		Per 100	Per 1000
8,000 Enchantress.....	\$5 00	\$45 00	1,000 Beacon.....	\$5 00	\$45 00
1,000 Philadelphia.....	5 00	45 00	5,000 Champion.....	5 00	45 00
500 Winsor.....	5 00	45 00			

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 pots	3 plants in a pot	24 in. high	\$1.50
3 pots	3 plants in a pot	38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.			

Kentia Forsteriana

Single Plants		Each	
6 inch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
6 inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6 inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
6 inch pots,	6 to 7 leaves,	44 to 46 in. high	2.25
8 inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
8 inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10 inch tubs,	6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10 inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants		Each	
7 inch pots,	3 plants in a pot,	28 to 30 in. high	\$2.00
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40 in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs,	4 plants in a tub,	50 in. high	5.00
8-inch tubs,	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants,
\$15.00, \$18.00 and \$25.00 each.

Kentia Belmoreana

Single Plants		Each	
4 inch pots,	5 to 6 leaves,	18 in. high	\$0.40
\$4.50 per dozen.			
6 inch pots,	6 to 7 leaves,	24 in. high	1.00
6 inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
6 inch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
7 inch pots,	6 to 7 leaves,	36 in. high	3.00
8 inch tubs,	6 to 7 leaves,	38 in. high	3.50
8 inch tubs,	6 to 7 leaves,	48 in. high	5.00
8 inch tubs,	6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.			

Phoenix Roebelenii

		Each
5 inch pots.....		\$1.00
7 inch pots,	22 in. high, 30 to 32 in. spread.....	2.00
7 inch pots,	26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs,	grand specimens.....	3.50
10 inch tubs,	grand specimens.....	5.00 to 7 00

Areca Lutescens

7 inch pots,	3 plants in a pot.....	2.00
8 inch tubs,	5 plants in a tub.....	3.00

Aspidistra Lurida

Green,	5 inch pots, 10 to 12 leaves.....	1.00
Variiegated,	5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Massangeana

5 inch pots.....	.75
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Quality Plants

FERNS.

Boston, Roosevelt and Whitmani

Each	100	Each	
h pot...\$0.50	\$45.00	10 inch pot..	\$2.00 to \$2.50
h pot.... .75	.....	12-inch pot..	3.00 to 3.50
h pot....	1.00		

CROTONS.

Very Fine Colored Stock

h pot.....	\$0.25	\$23.00
h pot.....	.35	30.00
h pot.....	.50	45.00
h pot, strong.....	.75	70.00
h pot.....	\$1.00 to	1.50

CYPERUS ALTERNIFOLIUS.

Umbrella Plant

h pot.....	\$8.00 per 100
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ARAUCARIA EXCELSA

		Each
5 inch,	3 to 4 tiers.....	\$0.75
6 inch,	4 tiers.....	1.00
7 inch,	4 to 5 tiers.....	1.25
7 inch,	5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

		Each
6 inch,	2 to 3 tiers.....	\$1.00
7 inch,	3 tiers.....	1.50
7 inch,	3 to 4 tiers.....	2.00
9 inch,	5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock

		Each
4-inch pot.....	\$0.35	\$30.00
5-inch pot.....	.50	45.00
6-inch pot.....	.75

CYCLAMEN. Best German Strain.

3-inch pot.....	\$ 8.00 per 100
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SMILAX

2¼-inch pot.....	\$2.50 per 100; \$23.00 per 1000
3-inch pot.....	4.50 per 100; 40.00 per 1000

ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

BEGONIA VERNON

In bloom.....	4-inch, 10c each; \$10.00 per 100
---------------	-----------------------------------

CHRYSANTHEMUMS

NOW READY—Extra large Yellow and White Frost, very fancy, \$2.50 to \$3.00 per doz. Good medium Yellow Frost, \$1.50 to \$2.00 per dozen; Small Yellow Sprays, per bunch, 50 cents.

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$3.00
30 to 36 in. stems.....		2.50
24 in. stems, New Beauties.....		2.00
18 in. stems.....		1.50
Shorter lengths.....	per 100, \$4.00 to \$8.00	
Russell		Per 100
Specials.....	\$12.00 to \$15.00	
Extra long.....		10.00
Good medium.....		6.00 to 8.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100
Special.....		\$8.00
Long.....		6.00
Medium.....		4.00 to 5.00
Short.....		3.00

Killarney Brilliant, White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$8.00
Medium.....	\$4.00 to	6.00
Short.....		3.00
Cecile Brunner.....	per bunch,	85c

CARNATIONS.

Pink, White, Red (indoor).....	2.00 to	\$3.00
Choice EASTER LILIES.....	\$1.50 per doz.	
LILY OF THE VALLEY.....		4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGERI.....		2.00 to 3.00
FERNS, new Wisconsin.....	1000,	\$1.50
GALAX, hronze and green.....	per 1000,	\$1.00

ROSES in lots of 300 or more at the rate of \$25.00 per 1000

CHRYSANTHEMUMS —Yellow and White, large.....	\$2.50 to \$3.00 per dozen
Yellow and White, good medium.....	2.00 per dozen
Small Yellow in sprays, per bunch.....	.50 cents

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

REMOVAL NOTICE

After October 1, we will be located in our new home on the main floor of the Le Moyne Building, and wish to notify our customers that all mail and telegrams should hereafter be sent to our new address **178 North Wabash Avenue.**

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

BUSINESS GOOD.

Business continues to be good and stock is none too plentiful at this writing, neither is it exactly scarce but prices have advanced in certain lines to such an extent that it is a question with the buyer whether he needs the stock or not in orders or whether he should pay the price just to make a showing. While prices have advanced considerably they are not what one would call high for this time of the year nor high for the quality of stock in general that he is receiving. American Beauty roses are of the fine quality and are moving well in the longer grades but there seems to be plenty of the shorter lengths obtainable. Mrs. Chas. Russell roses are moving well and in some instances are bringing unusually good prices in the longer stemmed grades. Roses in general are of fine quality and while they are in good demand there are plenty to go around if one is willing to pay the price asked. Carnations are improving in quality and have advanced in price but good stock is rather scarce

F E R N S

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

and what few are reaching the market are cleaning up an early hour at good prices. Out-door stock has suffered considerably the past week from the rain and cold weather and the receipts of this class of stock is gradually dwindling and in another week will not cut much of a figure in this market.

Asters are none too good and the same stands good for gladioli although late stock is selling well at good prices during the scarcity of good indoor stock at low prices. Orchids are more plentiful and have taken a considerable drop in prices which is not due so much to the increase in the local supply as it is

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CHICAGO
CENTRAL 2846.

Russell Roses-Carnations

Mammoth Supply Supreme Quality Stock at Reinberg's Reasonable Prices. Order Here.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
48-inch stems.....	\$3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

Richmond.....	} Extra select.....	Per 100	\$8 00
Killarney.....			
White Killarney ...	Select.....		6 00
Killarney Brilliant	Medium.....		5 00
My Maryland.....	Short.....		\$3 00 to 4 00
Sunburst.....			
Milady.....			
Ophelia.....			

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50 to \$2 00
Select.....	1 00
Medium.....	75
Short.....	50

Per 100

ROSES, our selection.....	\$3.00
Carnations	2.00 to 3.00
Chrysanthemums, yellow, doz., \$2.00 to	3.00
Harrisii.....	10 00 to 12 50
Valley.....	3 00 to 4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000	\$2 00 25

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

ROSES

Per 100

Mrs. Chas. Russell—	
Good.....	\$4.00 \$6.00 \$8.00
Mrs. Chas. Russell—	
Extra Fancy.....	\$10.00 \$12.00 \$15.00
Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—	
Long.....	\$5.00 to \$6.00 per 100
Medium.....	4.00 per 100
Short.....	3.00 per 100
Carnations.....	\$2.00 to \$3.00 per 100
Lilies.....	\$10.00 to \$12.00 per 100
Lily of the Valley.....	4.00 per 100
Ferns.....	2.00 per 1000

Order here and get satisfaction

to the importation of blooms from the eastern markets. Gardenias are in good supply but seem to clean up well. Lilies are not as plentiful as they have been and the same may be said of good lily of the valley. Chrysanthemums are a trifle more plentiful but real good stock is scarce and is commanding good prices. The local wholesale stores will be open until 6 p. m. during the week days again after Friday, October 1, which all out-of-town buyers should bear in mind when ordering. The Chicago Grand Floral

Festival, to be held in the Coliseum, November 9-14, 1915, is the principal topic of conversation in the market and from present indications it appears as if it will be one of the best shows that was ever held in this city.

NOTES.

Mr. and Mrs. William John Ashley announce the marriage of their daughter Dorothy Margaret to Walter Martin Rupp, Wednesday, September 22. The happy young couple will be at home to their friends after November 1 at 3453 Janssen avenue. Mr.

CUT FLOWERS

Everything Seasonable

ROSES-CARNATIONS-GLADIOLI-ETC.
ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Rupp is secretary and assistant treasurer of the John C. Moninger Co. and the son of N. J. Rupp, well known treasurer of the same firm.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

The Chicago Florists' Club will meet at the Hotel La Salle, next Thursday, October 7, at 8 p. m., when the amalgamation of the Chicago Florists' club and Cook County Florists' Association will be celebrated with a banquet. All members in good standing will receive a complimentary ticket from the secretary through the mails and anyone in arrears who would like to straighten up before the big doings should send their remittance immediately to Guy W. French, secretary, Morton Grove, Ill. The banquet committee consists of H. N. Bruns, chairman, A. T. Pyfer, N. P. Miller, George Asmus and W. J. Keimel.

The National Plant and Flower Company has been incorporated by Edward R. Newmann, George S. Plues and Martin Weiss with a capital of \$10,000. The new concern has bought and already taken possession of the C. V. Abeele greenhouses at 1429 West Sixty-first street, consisting of 14,000 feet of glass. Some of the members of this concern, including Sam Freund, are interested in the Englewood Floral Shop, 703 West Sixty-third street. Harry Conn will manage both places, but the greenhouses and the store will be operated independent of each other.

George Perdikas, 407 South Wabash avenue, was suddenly taken sick last week and his condition became so serious that he was immediately removed to the German Hospital of Chicago, where he underwent an operation for rupture, Wednesday, September 22. His nephew, George Propps, is looking after the business during his illness and last reports from the hospital are to the effect that he is doing nicely and will soon be able to be about again.

Ronsley, the Florist, celebrated his first year in business at 106 South Dearborn street, Saturday, September 25, and is well pleased with the amount of business that he has enjoyed during that period. He has just remodeled and repainted his entire place, which greatly improves the general appearance of the store. Victor Young is now associated with him, which means that there will be two hustling young fellows on the job hereafter instead of one.

A. L. Vaughan & Co. have been headquarters for gladioli all this week and the firm has had no trouble in disposing of one of its shipments of 5,000 blooms per day in addition to all the other stock sent in by the regular growers. Mr. Vaughan says that he has seen more new faces in his place of business this week than he has for a long time which leads one to believe that the fall season is opening in earnest.

There were two automobiles laden with floral tributes from the police department at the funeral of Detective Sergeant William J. Egan, often called "Big Bill" whose funeral was held Monday, September 27, and one of the prettiest pieces in the whole collection was a large wreath sent by those at the detective bureau bearing the words: "Our Pal," in red roses.

Judge Carpenter has appointed Edwin J. Buell receiver for the Prosper-

RUSSELL ROSES

Finest Grown at \$4.00 to \$20.00 per 100.

	Per 100	Per 100	
Milady . . .	\$4.00 to \$10 00	Killarney . . . \$2.00 to \$8.00	
Killarney Brillia't	3.00 to 8.00	White Killarney	2.00 to 8.00
Ophelia . . .	3.00 to 8.00	Cecile Brunner, bunch,	35c ea.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

ity Exposition Company and fixed his bond at \$2,500. Subpoenas were issued for the officers of the company to appear October 3 and answer to the petition in bankruptcy. The company is conducted a street fair at the foot of Chicago avenue.

Miss M. C. Gunterberg is back from an extended trip to the west, southwest and northwest, which included a visit to the Panama-Pacific and San Diego expositions in California. She reports having had a delightful time and is again attending to her duties at her wholesale store at 158 North Wabash avenue.

A. T. Pyfer says that the shipping trade has been unusually brisk at A. T. Pyfer & Co.'s store this week and that roses and carnations are cleaning up nicely each day. This firm is receiving a good supply of choice roses from the Pyfer & Olsem greenhouses at Wilmette.

The Chicago Flower Growers' Association is having a brisk call for a fancy grade of Mrs. Chas. Russell roses which are coming from the Stielow greenhouses at Niles Centre and are cleaning up at an unusually good price.

Gust P. Constantino, proprietor of the Chicago Floral House, is again on duty at the store, after being on the sick list for some time. His brother George had charge of the store during his absence.

Henry Wittbold arranged the decoration for the Autumn Exposition at Marshall Field & Company's store, which began September 27 and will continue through the week.

James Psenicka cut his first carnations this season September 27, which is considerably later than last year, and as usual is shipping his entire output to Kyle & Foerster.

Chas. H. Fisk, 1581 Ogden avenue, and wife, have returned from a delightful visit in California, where they attended both the San Francisco and San Diego expositions.

Wm. Homburg has gone into the retail business for himself and is now

located at 183 North Wabash avenue, where he has been open for business since September 23.

Miss O. A. Tonner, who, with her mother, has been visiting relatives in Minnesota, has returned from a well earned rest and is again in charge of her wholesale store.

F. W. Martin, 609 East Fortieth street, had a beautifully decorated automobile in the Thirty-ninth street business men's parade, Monday evening, September 27.

John Farmer is doing the buying in the market for Stollery Bros., 1046 Wilson avenue, while Manager George Stollery and wife are visiting at Green Bay, Wis.

The Art Floral Co., 7 West Randolph street, which was opened about a year ago by Sam Graff and Nate Lewis was closed by the sheriff, Tuesday, September 28.

Theodore Vogel has accepted a position as storeman with W. J. Smyth, 3101 South Michigan avenue, and will start to work next Monday, October 4.

John Bauscher, of Freeport, who acted as one of the judges at the state fair at Springfield, September 20-22, was here on a visit September 25.

W. N. Rudd left for Ithaca, N. Y., last week, where he places his youngest daughter, Phyllis, at Cornell University for the regular course.

George Manos, the Union Depot Florist, and wife, are visiting friends and relatives at Pittsburgh, Pa., and other cities in the east.

A. Schultheis, College Point, N. Y., visited several of the large commercial greenhouse establishments this week in this vicinity.

Oscar Metz, 5525 Harper avenue, has just bought a new seven passenger Oldsmobile and a Ford delivery car.

Ralph J. Southerton, of Highland Park, has a large lot of unusually fine cyclamens again this season.

Fred Scheel, of Shermerville, is sub-dividing 10 acres of his farm and is offering acre lots for sale.

C. L. Huffert, 4053 West North avenue, has returned from a few days' fishing trip at Fox Lake.

START Placing Your Regular TODAY

Order With Us

Long years of experience has taught us how to fill all shipping orders properly. We have everything in quantity that you need, particularly Beauties, Roses, Carnations, Lilies, Valley, Orchids and Greens. Start being one of our regular customers today.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

Wieter Bros. celebrated their twenty-first anniversary in the wholesale cut flower business September 24. W. H. Kidwell, who has been a regular customer all during that time, and N. J. Wieter took a day off and enjoyed themselves to their heart's content. Twenty-one years is quite a long time, but Harry Lubliner says he can well remember the day when Wieter Bros. first hung out their shingle. This firm has gradually established a nice paying business and today have one of the three largest greenhouse establishments devoted exclusively to cut flowers in America, the output of which is all sold at wholesale in their store in the great central market.

Robert Huehnchen, who assists his daughter, Mrs. Meyer, at her store, doing business under the firm name of the Humboldt Park Florist, was slightly injured when a Ford struck him as he was crossing the street at Randolph and Wabash avenue on his way to Zech & Mann's store, September 23. It keeps one so busy dodging the large cars nowadays that he cannot watch the many mechanical fleas as the new Moline-Knight's little tool boxes are commonly called.

Peter Reinberg's store is being overhauled and is beginning to look pretty neat in a new dress of white enamel. Carnations and roses are arriving in large supply at this house now and the receipts of Mrs. Chas. Russell especially are exceptionally heavy. Felix Reichling is well pleased with the way the shipping business holds up and stock in all lines is cleaning up at an early hour at this store.

The John Kruchten Co. is receiving a good supply of roses each day at its store and particularly noticeable is a fancy grade of Ophelia. Mrs. Chas. Russell and American Beauties. John Kruchten and wife will visit friends and relatives at Milwaukee, Wis.

Miss Rosamond Garland, eldest



JARDINIERE STAND BASKET

**Best and Most Attractive Basket
for Window and Store Display.**

Width, 10 inches; depth, 9½ inches, height
over all, 36 inches.

	White Enameled	Gold or any
	or Ant. Green.	2 tone
Natural Stained	\$2.50	\$3.00
\$2.15	\$2.50	\$3.50

The same basket, finely decorated and hand
painted \$1.50 more.

ASSORTMENT

**25 Small Baskets
Including Liners \$7.50**

For Pompons and
Other Cut Flowers

Just the styles you need for your fall and winter
trade. The assortment consists of many styles
and the baskets are finished in Brown, Green,
Fumed Oak, Antique Green and any Two-Tone
effect. **Order Today.**

RAEDLEIN BASKET CO.

713 Milwaukee Ave. CHICAGO

daughter of Mr. and Mrs. Sol Garland, and Robert Chwass will be married at Des Plaines, Thursday, October 14.

Frank Ayres, with Chas. W. McKellar, is home doctoring up carbuncles.

The Ernst Wienhoeber Floral Co. is sporting a handsome new electric delivery car which was added to the delivery system this week.

Mrs. Frank Oechslin underwent an operation on her jawbone this week.

LARGE YELLOW 'MUMS-BEAUTIES

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

VALLEY--HARRISII--ASTERS--besides

ANYTHING AND EVERYTHING
THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Payne Jennings, secretary and treasurer of the Retail Florists' Co., is busy with his new duties and states that active service will be started to its members shortly after October 1, when a special effort will be made to increase the membership to over 100, so that the buying power will be of such importance that the organization will be recognized by all the dealers whom the company is anxious to get in touch with for mutual benefit. Mr. Jennings is confident that the organization can be as successful in co-operative buying, etc., just as well as dealers in other lines, and when the company is ready to do business along the new lines laid out, dealers will welcome it, for it will be more satisfactory to all concerned than individual buying in some instances in the past.

Poehlmann Bros. Co.'s new Foley greenhouses are rapidly nearing completion, and will be ready for occupancy soon and will be an addition to the rapidly growing plant department. Thos. Conlon, superintendent of the plant department, and his force of assistants have been busy shipping out stock all week, and an inspection of the houses shows a nice supply of azaleas that have been carried over and should be good property when placed on sale. Tony Gabel says that the demand for field-grown carnation plants is good, and it is surprising how many late orders are arriving. At the store the supply department is busy filling fall orders, and in the cut flower department some very fancy orchids and gardenias are now included in the daily receipts.

Judging from the many repairs that are being made in the Atlas building, it does not appear as if the structure will be torn down for many years to come, and the wholesalers that are located there are not worrying much about having to move for some time. The wholesale concerns that are doing business in the Atlas building are Peter Reinberg, Wieter Bros., Hoerber Bros., John Kruchten Co., D. E. Freres, George Reinberg, Erne & Kilngel, Kyle & Foerster, A. T. Pyfer & Co., O. A. Tonner, Chas. W. McKellar, Sinner Bros., Zech & Mann, Batavia Greenhouse Co., M. C. Gunterberg, Weiland & Risch, E. F. Winterson Co., Winterson's Seed Store and two retail concerns, Archie Spencer and the Atlas Floral Co.

Bassett & Washburn are now mov-

ing into their new quarters in the Le Moyne building, where the E. C. Ambling Co. and the A. L. Randall Co. are now located, and their business address after October 1 will be 178 North Wabash avenue. The A. L. Randall Co. has the order for the new ice-box and when all the new fixtures are installed this firm will have one of the finest equipped wholesale establishments in the great central market. Their total floor space amounts to a trifle over 4,200 square feet, counting the main floor and the basement, which is considerably larger than their old quarters. Mr. Washburn extends a cordial invitation to the trade in general to visit them and inspect their new home.

W. P. Craig, with Robert Craig Co., Philadelphia, Pa., was in the city a few days this week on his way from Minneapolis, Minn., to St. Louis, Mo. He reports that the florists in the west are all making preparations for the fall season and are very optimistic in regard to the business outlook for the coming year.

Percy Jones and his able force of assistants are making a strong bid for the fall business and are on the job early and late at the store. This firm will have its usual supply of chrysanthemums to offer this season, which is one of the chief offerings each fall.

It is rumored that another wholesale firm is about to rent new quarters on the ground floor of the LeMoyne building directly north of Bassett & Washburn's new location across the hallway, further particulars of which will be announced later.

Ed. Siebrecht, proprietor of the Rosery Florist, had his grand opening at 6972 North Clark street, last Saturday, September 25, and was well pleased with the amount of business that he did.

Zech & Mann are featuring large quantities of white and yellow chrysanthemums at their store in addition to their regular line of stock.

F. J. Littleford, of the Austin-Littleford Nurseries, Downers Grove, visited his many friends in the local market this week.

J. A. Budlong is cutting from a nice crop of American Beauty roses, which are in brisk demand at the store.

Visitors: Wm. Feniger, Toledo, O.; Jas. G. Crozer, Cedar Rapids, Ia.; E. J. Fancourt, representing S. S. Pennock-Meehan Co., Philadelphia, Pa.

Illinois State Fair.

The principal awards in the floricultural department of the Illinois state fair appeared in our issue of September 25, page 509. Later awards include the class of six orchids in bloom in which the A. T. Hey Floral Co., Maywood, was first and the Poehlmann Bros. Co., Morton Grove, second. Additional awards for cut flowers and floral designs are appended, including 16 entries for roses in which the Poehlmann Bros. Co., obtained nine first prizes and one second.

ROSES.

American Beauty, 25 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, Springfield, 2nd, A. T. Hey Floral Co., 3rd.

Richmond, 25 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, 2nd; A. T. Hey Floral Co., 3rd.

Killarney, 25 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, 2nd; A. C. Brown, Springfield, 3rd.

White Killarney, 25 flowers—Poehlmann Bros. Co., 1st; Gullett & Sons, Lincoln, 2nd; A. C. Brown, 3rd.

My Maryland, 25 flowers—Capitol Greenhouses, 1st; Janssen Seed & Floral Co., 2nd; Gullett & Sons, 3rd.

Any other variety, 25 flowers—Poehlmann Bros. Co., 1st; Gullett & Sons, 2nd; A. C. Brown, 3rd.

American Beauty, 25 flowers—Poehlmann Bros. Co., 1st; A. T. Hey Floral Co., 2nd; Capitol Greenhouses, 3rd.

Richmond, 20 flowers—Poehlmann Bros. Co., 1st; A. T. Hey Floral Co., 2nd; Capitol Greenhouses, 3rd.

Killarney, 20 flowers—Poehlmann Bros. Co., 1st; Capitol Greenhouses, 2nd; A. T. Hey Floral Co., 3rd.

White Killarney, 20 flowers—Poehlmann Bros. Co., 1st; A. C. Brown, 2nd; Capitol Greenhouses, 3rd.

My Maryland, 20 flowers—Capitol Greenhouses, 1st; Janssen Seed & Floral Co., 2nd; Hey Floral Co., 3rd.

Any other variety, 20 flowers—Gullett & Son, 1st; Poehlmann Bros. Co., 2nd; Capitol Greenhouses, 3rd.

Killarney, 50 flowers—A. C. Brown.

My Maryland, 50 flowers—Janssen Seed & Floral Co., 1st.

White Killarney, 50 flowers—A. C. Brown, 1st.

Any other variety, 50 flowers—Janssen Seed & Floral Co., 1st.

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WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

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HOERBER BROS.

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Greenhouse: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

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Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

George Reinberg

Wholesale Florist
Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.
162 N. Wabash Av., CHICAGO

MISCELLANEOUS.

Collection dahlias, 100 blooms, single—F. Janssen, Springfield, 1st; Janssen Seed & Floral Co., 2nd; C. E. Hodge, Springfield, 3rd.
Collection dahlias, 25 blooms, double—J. N. Hossman, Hillsboro, 1st; Janssen Seed & Floral Co., 2nd; C. E. Hodge, 3rd.
Collection hardy perennials, 12 vases—A. T. Hey Floral Co., 1st.
FLORAL DESIGNS.
Standing cross, four feet from bottom of base up—Gullett & Sons, 1st; A. C. Brown, 2nd; A. T. Hey Floral Co., 3rd.
Wreath flowers on easel, 24-inch—A. C. Brown, 1st; Gullett & Sons, 2nd; Hembricker & Cole, 3rd.
Best floral arrangement, set piece—Hembricker & Cole, 1st; Geo. A. Kuhl, Pekin, 2nd; A. C. Brown, 3rd.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.
174-6 N. Wabash Ave.,
CHICAGO.
L. D. Phone Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, especiales.....	\$3 00@4 00
" " 36-in.....	2 50
" " 30-in.....	2 00
" " 24-in.....	1 50
" " 20-in.....	1 00
" " 15-in.....	75
" " 12-in.....	50
" Mrs. Chas. Russell....	1 00@2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	2 00@10 00
" White Killarney.....	2 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	2 00@10 00
" Rhea Reid.....	2 00@10 00
" My Maryland.....	2 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Milady.....	3 00@10 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	2 00@10 00
" Hadley.....	3 00@10 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Asters.....	1 00@4 00
Carnations.....	1 00@3 00
Cattleyas..... per doz.,	4 00@6 00
Gardenias..... per doz.,	3 00@4 00
Chrysanthemums..... per doz.,	\$1.50 to \$3.00
Gladioli.....	2 00@8 00
Lilium Harrlii.....	10 00@12 50
Valley.....	4 00@5 00
Adiantum Croweanum.....	1 00@1 50
Feros.....	1 50@2 50
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy..... per 100,	5 00@6 00
Plumose Strings..... each,	60@75
Smilax..... per doz.,	2 00@2 50
Sprenger. Plumose Sprays.....	3 00@4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.

NEW AND REVISED EDITION.
Price 50 Cents. Cash With Order.
AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.
Wholesale Cut Flowers, Florists' Supplies.

Wieter Bros.

Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

FIELD GROWN CARNATION PLANTS

PINK			PINK			WHITE			RED		
	100	1000		100	1000		100	1000		100	1000
Alice.....	\$15.00	\$140.00	Dorothy Gordon.....	\$7.00	\$60.00	Matchless.....	\$8.00	\$70.00	Champion.....	\$8.00	\$70.00
Mrs. C. E. Akeburst.....	12.00	100.00	Gorgeous.....	7.00	60.00	Enchantress.....	7.00	55.00	Beacon.....	7.50	60.00
Mrs. C. W. Ward.....	7.00	55.00	Philadelphina.....	7.00	65.00	Perfection.....	7.10	55.00	Victory.....	7.00	50.00
R. P. Enchantress.....	6.00	50.00	Ruth.....	7.00	55.00	White Wonder.....	7.50	60.00	Comfort.....	6.00	45.00
L. P. Enchantress.....	6.00	50.00				Alma Ward.....	7.00	50.00	C mmadore.....	7.00	50.00
Enchantress Supreme.....	8.00	70.00									

The above varieties we have in large quantity. We have never offered the trade better plants than we have this year. Let us figure on your requirements. We guarantee satisfaction.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET SHOWS MARKED IMPROVEMENT.

There is a distinct improvement in the demand this week, winding up with very fair business for the season. The hot weather period has been broken, very cool nights being experienced the past six days. This has retarded the dahlias considerably, so that the market has cleaned up very well. Rose crops have little more than kept pace with the demand, the crops shortening up considerably, the quality is getting better, and when the weather settles, the market will see record shipments. Asters are passing as are gladioli, while each week sees new chrysanthemums, which promise to be very fine. Cattleya labiata is offered by a number of growers. With the quantity coming, prices are falling. There is no question that the market will be better supplied with flowers this season than ever before. A strenuous selling campaign by the retail florists is now the urgent need. Are they equal to it?

NOTES.

The flower show of Henry A. Dreer, Inc., has come to be an annual event, increasing in importance each year. A record attendance is expected as crowds attended on the opening day, September 25, and bid fair to continue until the close, October 2. A cut flower sale, conducted by society ladies, together with refreshments, is a feature, the proceeds to go to help erect the Martha Washington memorial at Valley Forge. Henry A. Dreer furnishes the flowers gratis. A day spent here going over the extensive fields of cannas, dahlias, phloxes and other flowers cannot fail but impress the visitor with the great magnitude of this wonderful business, which does so much to beautify the homes in every part of the United States.

The wholesale flower center is rapidly developing in the block bounded by 16th and 17th streets and Ranstead and Ludlow streets. The Philadelphia Wholesale Florists' Exchange opened its doors last week at 1625 Ranstead street. J. Duetscher and C. Glazer are the proprietors. Mr. Duetscher is the salesman for Thomas Young's gardenias and orchids in this market, while his partner has had considerable experience in New York commission houses. They are enterprising young men and should succeed.

Mrs. Anna A. Krueger, mother of Chas. Krueger, recently deceased, died Monday, September 27, aged 70 years. The flower stand in the Reading Terminal was sold by Mrs. Krueger only last week, the purchasers being Arthur Lanser and Frank Alter, who will continue the business under the name of the Reading Terminal Flower Stand.

Special dahlias, selected stock in large quantities, is the feature with the Leo Niessen Co. For the next two weeks they will handle them by the tens of thousands. Chrysanthemums and choice American Beauties are also features.

Edward Reid has passed up the aster for the chrysanthemum, all the early sorts being seen here in quantity. American Beauties, the first choice "Reid brand", are a factor.

Wholesale Flower Markets

BOSTON, Sept. 29.

	Per 100
Roses, Beauty.....	2 00@25 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@ 5 00
" Double White Killarney.....	1 00@ 6 00
" Killarney Brilliant.....	1 00@ 8 00
" Hadley.....	1 00@10 00
" Cardinal.....	1 00@12 00
" Mock.....	1 00@ 8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Sunburst.....	1 00@ 8 00
" Taft.....	1 00@ 8 00
" Milady.....	1 00@ 8 00
" Ward and Hillingdon.....	1 00@ 6 00
" My Maryland.....	50@ 5 00
Cattleya.....	20 00@35 00
Lily of the Valley.....	3 00@ 4 00
Sweet Peas.....	50@ 1 00
Carnations.....	50@ 1 00
select.....	1 50@ 2 00

BUFFALO, Sept. 29.

	Per 100
Roses, Beauty, special.....	20 00@25 00
" " fancy.....	15 00@20 00
" " extra.....	10 00@12 00
" " No. 1.....	6 00@10 00
" " No. 2.....	2 00@ 3 00
" Killarney.....	3 00@ 6 00
" White Killarney.....	3 00@ 7 00
" My Maryland.....	3 00@ 6 00
" Killarney Queen.....	3 00@ 4 00
" Richmond.....	3 00@ 6 00
" Sunburst.....	3 00@ 6 00
" Ward.....	2 00@ 4 00
" Taft.....	3 00@ 6 00
" Ophelia.....	4 00@ 8 00
" Mock.....	3 00@ 6 00
" Francis Scott Key.....	4 00@ 8 00
" Shawyer.....	3 00@ 7 00
Lily of the Valley.....	4 00
Lilies.....	6 00@10 00
Cattleyas.....	40 00@50 00
Carnations.....	1 00@ 2 50
Snapdragons.....	1 00@ 2 00
Peas (outdoor).....	bunch, 5c@10c
Glad oil.....	2 00@ 3 00
Asters.....	40@ 1 50
Asparagus Sprengeri.....	35@ 50
Ferne.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Sept. 29.

	Per 100
Roses, Beauty.....	per doz., \$0 75@33 00
" Killarney.....	2 00@ 6 00
" My Maryland.....	2 00@ 6 00
" Richmond.....	2 00@ 6 00
" Taft.....	2 00@ 6 00
Lily of the Valley.....	4 00@ 5 00
Lilium Giganteum.....	8 00
Asparagus Plumosus.....	per beh, 25c
Orchids.....	per doz., \$3.00
Gladiolus.....	1 00@ 3 00
Dahlias.....	1 00@ 2 00
Carnations.....	1 00@ 2 00
Rubrum Lilies.....	2 00@ 6 00

Lawrence Peacock, the dahlia expert, will make an exhibit of his latest novelties at the October meeting of the florists' club and give the members an interesting review of dahlias and their culture.

Wilhelm, of Logan, will open his new store on Broad street above Rockland, October 2. The appointments are up-to-date in every respect and a largely increased business will no doubt result.

The Robt. Craig Co. was never so busy before at this season. Mr. Craig is very optimistic, saying, "we have the best and largest stock we ever had and I know we are going to sell it."

Dahlias are the specialty at the busy Berger Brothers' Central Market. Roses, choice lily of the valley and chrysanthemums are also features.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

Select Dahlias in Variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Dahlies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Philadelphia Wholesale Florists' Exchange

ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

Ophelia and Hoosier Beauty roses are coming along very fast with Joseph Heacock. Some very good stock is seen here daily.

Stewart Miller is to be the agent of Thos. Young, of Boundbrook, N. J., and will handle his orchids and gardenias in this city.

The Tiswell Flower Shop opened September 21 at 1722 North Broad street.

New York.

SLIGHT TRADE IMPROVEMENT NOTED.

While the market was not very active during the past week it was certainly some better than the preceding week. There were a number of weddings and a large amount of funeral work, which stiffened prices in several stocks, such as orchids, lilies and lily of the valley. While there has been no great rise in the price of orchids, they are moving more freely. On September 25, lilies sold for five and six cents per flower and lily of the valley for \$4 per 100. If roses did not bring a much higher price, they moved better and the quality will improve with clear and cool weather, such as we are now having. The chrysanthemums are straggling in, but no great volume has yet arrived. On account of the dahlia show it is quite natural that the thoughts of the trade should, to some extent, have turned to dahlias during the past week. Both wholesalers and retailers were in evidence at the show, several of the latter, as will be elsewhere noted, having exhibits. Though business has been rather quiet in the wholesale district, it has had its thrills. The lamentable disaster of September 22 at Seventh avenue and 25th street, was near enough to create a sensation. Another cave in on Broadway at 38th street on the evening of September 25, has caused that thoroughfare to be closed indefinitely for 13 blocks. Not only the Broadway street car line, but also the 34th and 28th street cross town lines are tied up, which is causing inconvenience to the east side retailers who are numerous. In this connection it may be said that there can be no argument about the greatness of this city; it is so great that nobody needs to boast of it. There is, however, doubt in many minds relating to the mental calibre of some of the men who are now directing its affairs.

September 27.—Though the market opened quiet this morning, the prospects seem encouraging. A very cool wave struck this city last night, but there is good sunshine to-day. The supply of stock is about normal.

NOTES.

A very cool wave has swept away the heat and humidity that caused so much misery during the greater part of September, yet some people persist in talking and writing about it. A local scribe inflicts the following on the public, which he says was found inscribed on a piece of junk picked up in the ruins of Babylon:

"If, on the Mesopotamian plain,
Cain slaughtered Abel, did it he
Because the heat went to his brain,
Accompanied with humidity?"

Frank Good, formerly well known as a designer and decorator of this city, who for the past two years has been with F. H. Kramer, of Washington, D. C., is in this city on a business trip for Mr. Kramer. He tells us that Mr. Kramer had two and one-half acres of gladioli this season, mostly America, and that he had a total outdoor stock of flowers and plants of seven and one-half acres. We have known Fred Kramer as a hustler in the years ago.

The dahlia show and other business brought in a number of out of town visitors during the past week. We noted Richard Vincent Jr., and two sons, George L. Stillman, Louis J. Reuter and Mrs. O. P. Chapman of West-erly, R. I., and both members of the firm of McAlpin & McDonald, Boston. Arthur Luetchford, a landscape gardener of Rochester, N. Y., was also a visitor.

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

A meeting of the schedule committee of the New York Florists' Club was held at Secretary Young's office, September 27. Several previous meetings had been held and the schedule for the spring show will soon be ready. There were present at the meeting C. H. Totty, Wm. Duckham, James Stewart, Fred Atkins, Julius Roehrs, John Canning and Secretary Young.

William Stryker of Thompson's popular restaurant, which is much frequented by the florists of the wholesale district, is rejoicing over the safe return of Mrs. Stryker, who has been on a two months' visit with relatives at Dukenfield, Cheshire, England.

Badgley, Riedel & Meyer, Inc., 34 West 28th street, have authorized us to make the following statement: "Meyer Othile having left the employ of Badgley, Riedel & Meyer, Inc., will in no wise interfere with the operation of said business."

The next meeting of the florists' club will be held in its rooms in the Grand Opera House building on the evening of October 11. As usual, there will be a varied program and some fine exhibits of cut flowers are likely to be seen.

Charles Millang, of the Coogan building, is offering good gladioli, which were grown on his own farm. We are going out to learn how he does it at this season of the year.

There are rumors of a change in the personnel of one of the wholesale firms of this district, but we are not yet authorized to make public the names or particulars.

Robert Clifford, who for some time has been at the Hill Top Farm (Vanderbilt) Newport, R. I., has returned and is now on the staff of T. F. Galvin, Inc.

Secretary Vinson, of the general committee for the Cleveland, O., flower show, was in this city September 27 doing missionary work for that enterprise.

F. F. Salinger, who is well known a designer and decorator, has recently taken charge of the floral features at the Knickerbocker hotel.

George J. Polykranas opened his wholesale store at 104 West 28th street September 27.

Charles Thorley, the well known retailer, is on a tour of the Pacific coast. A. F. F.

MILTON, MASS.—An up-to-date flower shop will be opened at 499 Center street, under the management of Geo. M. Anderson, for the past 25 years superintendent of Wayside Farms.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Oklahoma City.

The heavy rains that we are having every few days would seem to indicate that the fall season is upon us. This has been accounted as a semi-arid region for the last four or five years and during that time there has been much talk about the necessity of irrigation and dry-farming methods. We have had so much moisture, however, this summer, that such agitation has all died down for the time being.

The florists made elaborate displays for "Fashion night", September 24, but this event, as also the opening of the state fair, which took place on the following morning, was marred by a steady down-pour of rain.

Store keepers say that business is fairly good, quite as much being done as is usual for this time of the year.

S. S. E.

RACINE, WIS.—P. W. Obertin, who purchased the Lake Shore Greenhouses several months ago has made many improvements since taking possession.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope	7 50
36x12x6, Telescope, Palm Green Untinted.	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302 1308 W. Division St., CHICAGO

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING**. Write us for our sample folders, cuts and slides for advertising:

Fall Planting Thanksgiving
Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

Racine School Children's Flower Show.

School children of the city of Racine, Wis., competing in the annual flower and vegetable show, which was held September 11, under the auspices of the Racine Commercial Club, staged what was said to be one of the finest exhibitions of its kind ever held in that city. The displays came from gardens of the school children, and were grown from seeds given by the club last spring, and many of the exhibits would have graced a state fair. Great interest in the show was taken by the public, as evidenced by the large attendance, and it is expected that a large amount will be donated by citizens to stimulate greater interest in the children's gardens next year. One hundred and fifty dollars was given in prizes to the successful contestants this year.

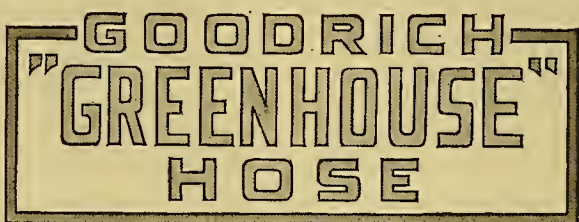
In order to judge the vegetable gardens raised under the auspices of the commercial club, the judges visited 234 gardens in all parts of the city, and many children were found who had raised enough produce from their backyard plots to pay for their clothing, while others proudly exhibited bank accounts. Not only has the contest been a source of education to the children and worked out to their financial assistance, but it has done much to beautify the city at large and will become an annual affair. At the close of the exhibition all of the vegetables were given to the poor of the city.

The annual aster show given under the auspices of the Twentieth Century Club was held in conjunction with the show of the Racine Commercial Club and proved a big success.

Withstands Twisting and Sharp Bends!

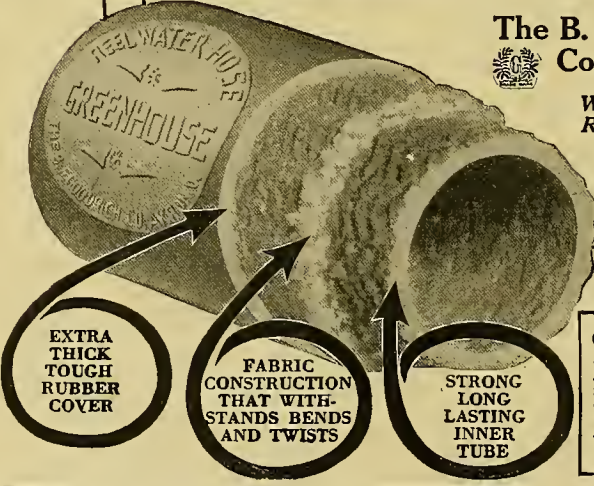
Sharp bends around corner-posts, doorways, etc.—kinking the hose to shut off water—you know how soon this causes most hose to leak, split apart and give-out!

Doesn't pay to buy such hose—it's poor economy.



is entirely different from ordinary hose in construction. Sharp bends don't readily injure it. It lasts for months—not weeks. Pays to buy "Greenhouse" —

Send for a sample and test it.



The B. F. Goodrich Company
World's Largest Rubber Factory
Akron, Ohio

General prices:
1/2-in. size—23c per ft.
3/4-in. size—25c per ft.
Discount on full reels (approx. 500 ft.)

There were 23 exhibitors, the displays were excellent, and the judges had no easy task in deciding the awards.
H. C. T.

GRAND RAPIDS, MICH.—H. S. Jordan is building an addition to his greenhouses at 1440 Union avenue.

SALINA, KAN.—A. B. Walters is planning an addition to his greenhouse at 339 East Prescott street, to cost \$500.

LAFAYETTE, IND.—Fred Schilling is remodeling his range of seven houses. He is installing a new heating system among other improvements.

HOLLAND, MICH.—Extensive improvements, including a 5,000 gallon water tower, a potting shed and one new house, 20x130 feet, have been completed at the range of Henry Ebelink.

Southern Wild Smilax
\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.
Mention the American Florist when writing

Southern Wild Smilax
\$2.50 per case.

Natural Moss.....\$1.75 per bag
Perpetuated Moss.....3.50 per bag

Caldwell the Woodsman Co.
Everything in Southern Evergreens,
EVERGREEN, ALABAMA
Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut
STORESNew London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTSNEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street

To out-of-town florists:

We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

...FLOWERS...
522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO
16 and 18 W. 3rd St.
Matthews the Florist
Established in 1883.
Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists' Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Dea Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalla, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Bolaud, J. B., San Francisco.
- Bragg Co., Roos, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Conke, Geo. H., Conn. Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 96 Yonge St., Toronto, Can.
- Eyres, II N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gaaser, J. M., Co., Cleveland, O.
- Graham, A. & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Gude Bros., Washington.
- Hardeaty & Co., Cincinnati, O.
- Heil & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lauge, A., 25 E. Madison St., Chicago.
- Leborius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Myer, Florist, New York.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldocchi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Rueter's New London, Conn.
- Rueter's, Norwich, Conn.
- Renter's Westerly, R. I.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2223 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Simmons & Son, Toronto, Can.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stumpp, G. E. M., New York.
- Walker Co., The F., Louisville, Ky.
- Welland, M., Evanston, Ill.
- Whitford Floral Co., Minneapolis, Minn.
- Witthold, G., Co., 737 Ruckingham Pl., Chicago.
- Wolfakill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ FLORIST.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH.

HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackstone

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

Telephone 2656

Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.
602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists
Filling Telegraph Orders.

Albany, N. Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauentfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthewa the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Brettmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metallic Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Meyer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stump.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
Springfield, Ill.—A. C. Brown.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. Mdy & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heini & Sons.
Tacoma, Wash.—California Florists.
 Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Wheatly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell

FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and out flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN

INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189.
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City
Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great
Northwest. Daily deliveries to Superior, Wis.

Mention the American Florist when writing

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

New York.

MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

16 N. 6th St., Ft. Smith, Ark

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DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries
to all Southern and Middle States.

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

SIMMONS & SON
TORONTO, CANADA

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention.

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing



LILIUM FORMOSUM.

TULIPS

	Per 1000
Artus.....	\$ 6.50
Belle Alliance.....	10.00
La Reine.....	6.00
Cottage Maid.....	7.00
Proserpine.....	20.00
Rose Gris de Lin.....	6.50
Chrysolora.....	9.00
Yellow Prince.....	8.50
Keizerskroon.....	14.00
Murillo.....	7.50

LILIUM FORMOSUM

Let us give you ten names of satisfied growers of our stocks of this.

	Per 1000
7-9 inch (250 bulbs to case).....	\$60.00
8-9 inch (225 bulbs to case).....	70.00
9-10 inch (180 bulbs to case).....	80.00

NARCISSUS (Dutch)

	Per 1000
Emperor, Fancy.....	\$13.00
“ Mother Bulbs.....	17.50
Victoria, Fancy.....	12.00
Golden Spur, Fancy.....	13 50
Sir Watkins, Fancy.....	12.00
Von Sion XXX, Double Nose.....	21.00

White Roman Hyacinths

	Per 1000
11-12 ctms. (2400 to case).....	\$21.00
12-15 ctms. “whole crop,” about 1700 to case.....	27.00

Cold Storage Lilies

Plant now for your January supply of cut blooms.

	SPECIAL PRICES to “clean up”	Per case
Giganteum, 7-9 inch (300 bulbs to case).....	\$15.00	
Giganteum, 9-10 inch (200 bulbs to case).....	16.50	

FALL “BOOK FOR FLORISTS.” ASK FOR IT

VAUGHAN'S SEED STORE CHICAGO NEW YORK

SMITH'S REVISED Chrysanthemum Manual

The best work on Chrysanthemum culture for the florist. Treats the subject in a concise manner, covering the whole work from care of stock to staging blooms. Price, 50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing

GERANIUMS

Winter Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition any day of the year.

S. A. Nutt.....\$12.50 per 1000
Ricard and Poitevine..... 15.00

ALBERT M. HERR, LANCASTER, PA

Mention the American Florist when writing

A Few Good Things You Want.

- Asparagus Plumosus, 2-in., \$2.50 per 100.
- Geraniums, Nutt, Buchner, Ricard, Perkins.
Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
- Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c;
5-in., 25c.
- Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c;
5-in., 25c each.
- Rex Begonia, 2 1/4-in., \$5.00 per 100.
- Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Carnation Plants

No. 1 Plants: No rust or stem rot

Enchantress, White Enchantress, Rose Pink Enchantress, White Perfection, Mrs. C. W. Ward, Beacon, Herald.

\$5.00 per 100, all varieties.

Cash with order.

F. P. CAIRD, Troy, N. Y.

PRIMROSES

	Per 100
Chinese and Malacoides, 2 1/4 in. pot.....	\$2.00
Forbesii, Obc. Alba, Rosea and Ruby, 2 1/4 in pot.....	1.50
Obc. Gigantea, 2 1/4 in. pot.....	2 00
Cineraria Hyb. Grandiflora.....	2.00
Asp. Plumosus, 2 1/4 in. pot, \$18.00 per 1000.....	2.00
Asp. Sprengerl, seedling, \$7.00 per 1000.....	1.00
Vinca Var., field plants.....	5.00
Pansy Plants, giant flowering, \$2.50 per 1000.	

—CASH—

Jos. H. Cunningham, DELAWARE, OHIO.

Mention the American Florist when writing

Seasonable Stock.

Are you interested in some very nice Kentia Palms and Roebelenii, we have stock worth from \$5.00 to \$7.50 which we shall close out this coming week at only \$4.00 to \$4.50.

As there will be no Azaleas would it not be well to order a lot of Poinsettias? also grow a lot of Malacoides in 5 and 6-in. pots for Christmas trade. We still have field grown Carnations in Rose Pink Enchantress and Pink Delight at \$5 per 100. Extra mix at \$2.50 per 100 or \$20.00 per 1000. For one week only.

For general list of plants and ferns write us.

Geo. A. Kuhl, Wholesale Grower Pekin, Ill.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

VISITED WASHINGTON: J. C. Vaughan, Chicago.

BUHL, IDA.—Foster & Gannon have opened a seed warehouse here.

STOCKS of clover seed at Toledo, O., are reported liberal compared with a year ago.

VISITED NEW YORK: H. W. Wood, Richmond, Va.; Wm. J. Scarlett, Baltimore, Md.

BELOIT, WIS.—After being in business for 28 years, H. S. Clifford has closed his seed store.

LOS ANGELES, CALIF.—The Germain Seed & Plant Co. are erecting two houses, each 30 by 300 feet.

MILES CITY, MONT.—A farmers' cooperative association is being organized by growers of alfalfa seed in this vicinity.

SAGINAW, MICH.—F. W. Mayhew, of Watertown, N. Y., has been appointed manager of the W. H. Grenell branch in this city.

LANCASTER, PA. — A. H. Hoffman, Inc., has been organized with a capital of \$40,000 to engage in the seed and grain business.

CHICAGO.—Prices for grass seed on the Board of Trade September 29 were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

LOUISVILLE, KY.—The Ross Seed Co. has installed a seed laboratory in charge of John McDonald, graduate of the Kentucky State University.

SPRINGFIELD, Mo. — The Springfield Seed Co. will remodel its warehouse and make other improvements to the amount of several thousand dollars.

CHINOOK, MONT.—The Bogy Mercantile Co. has opened a seed establishment in this city, with James Griffin as manager, and will trade in native grown seeds.

SLEAFORD, ENG.—At the annual general meeting of Charles Sharpe & Co., Ltd. seed merchants, held August 31, J. W. Coy was appointed a director of this company.

LOUISVILLE, KY.—Hardin, Hamilton & Lewman, who have been occupying temporary quarters since their building on Main street was burned several months ago, have leased a commodious store at Fourth and Main streets.

MEMPHIS, TENN. — Local seedsmen have advised the farm development bureau of the Business Men's Club that they will be in a position to supply all demands that will be made in Memphis territory for winter clover.

VISITED CHICAGO: Howard M. Earl and W. Atlee Burpee, Jr., Philadelphia, Pa., en route to California; S. F. Willard, of Comstock, Ferre & Co., Wethersfield, Conn.; A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.

Dickinson's the Largest Business.

Greenebaum Sons Bank & Trust Co., Chicago, in offering \$500,000 six per cent gold bonds, first portion of total issue \$1,500,000, secured by the Albert Dickinson Co., say the company, established 1855, has the largest seed business in the United States. Among other technical items the security of these bonds includes the following:

1. The security consists of ownership of land and buildings situated in the new southwest manufacturing district, comprising 70 acres, of which 60 acres are owned by the company. Improvements consist of new, reinforced concrete, brick and stone buildings, 420 x 420 feet, with connecting subways, being three stories, four stories and five stories and extending in sections 200 feet in height. Buildings are provided with covered unloading platforms for the handling of 100 cars at one time. The Dickinson railroad yard has a capacity exceeding 350 cars. Large steel tanks provide storage for 750,000 bushels of grain.

2. Ownership of land and buildings at southwest corner Clark and Sixteenth streets, on the L. S. & M. S. railroad, a smaller complete working unit.

3. Value of land, buildings and equipment as security conservatively estimated \$3,285,000. Over double the amount of total first mortgage bond issue.

4. The bonds are the direct obligation of the company. All assets of the company are additional guarantee for prompt payment of the bonds.

5. The earnings of the company for the past five years average over three times the greatest annual interest charge.

Powdery Scab Quarantine Lifted.

The fact has been determined by the secretary of agriculture, as the result of investigations and surveys, that the disease known as powdery scab of potato (*Spongospora subterranea*) is largely limited by soil conditions, that the soil conditions of the southern and central states are such that the spread of the disease to those states is improbable, and that the disease now exists to a slight extent only outside of the states of Maine and New York, which were quarantined by Notice of Quarantine No. 14, dated April 25, 1914, and Notice of Quarantine No. 18, dated November 14, 1914.

Now, therefore, I, C. F. Marvin, acting secretary of agriculture, under the authority conferred by the act approved August 20, 1912 (37 Stat. L., 315), known as "The plant quarantine act," do hereby remove and revoke the quarantine placed by said Notices of Quarantine Nos. 14 and 18 upon the states of Maine and New York, and do also hereby revoke the rules and regulations governing the interstate movement of potatoes from areas quarantined for powdery scab, dated June 26, 1914, and all amendments thereto, such revocations to take effect on September 1, 1915.

Done at Washington this 30th day of August, 1915.

C. F. MARVIN,
Acting Secretary of Agriculture.

Lima Beans.

That there are 89,736 sacks of lima beans on hand in the warehouses of the Los Angeles district is the statement sent out by the Southern Pacific Milling Company's head offices. This was the amount on hand when the season opened, and since then there has been some movement, which continues, and is reported likely to greatly reduce the warehouse stock before the new beans begin to arrive, as the east increases its demand.

Of this big harvest in the warehouse Lompoc is credited with 182 sacks and Carpinteria with 241. During August 35,404 were shipped and only 860 received for storage. Ventura county has 2,244 sacks of large whites and 4,415 sacks of blackeyes in the warehouses.

The Ventura warehouses of the company report lima beans by the sack on hand as follows: Ventura, 6,419; Montalvo, 26,643; El Rio, 20,914; Saticoy, 13,869; Santa Paula, 199; Oxnard, 5,050; Camarillo, 31,205; Somis, 16,020; Moorpark, 3,254; Santa Susana, 284.

Contraband Seeds.

We learn that the French government is very keen on the question of war contraband and that several strong verdicts have been given against a few Frenchmen and foreigners living in France who have been found guilty of trading with the enemy through neutral countries. The issues of *Le Journal* and *Le Matin* of August 28 announce deals with the enemy through Switzerland and Holland in which contraband shipments were made of 45,000 kilogs of vegetable seeds from February to April, against 4,000 kilogs in the preceding season. Most of these shipments were made from St. Remy de Provence.

Crimson Clover Seed Supply.

There is apparently a larger supply of crimson clover seed on hand at the present time than in any previous year and much of it is of poor quality, according to specialists of the United States department of agriculture. While this would indicate that the price should be normal or less than normal, it is rapidly advancing. The greater part of the crimson clover seed sowed in the United States is normally imported from France and Austria. In the fall of 1914 conditions of trade with Europe were such that

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSHIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

there appeared to be danger of a short supply of seed for this summer's planting. The desire of the seed trade to secure as much seed as possible, together with the improvement in trade facilities with France during the winter and spring, resulted in the importation of 12,000,000 pounds during the year ending June 30, 1915, as compared with 7,500,000 pounds the year previous, and 1,500,000 pounds in 1910.

CRIMSON CLOVER SEED IMPORTATIONS.

Fiscal Year.	Pounds.
1910	1,552,000
1911	3,529,000
1912	3,406,000
1913	5,376,000
1914	7,524,000
1915	12,036,000

During May and June much seed of poor quality has been imported, more than 1,000,000 pounds made up of several lots, germinating from 29 per cent to 62 per cent. Farmers should therefore be sure of the quality of the seed they buy. Crimson clover seed of a bright greenish yellow color usually germinates well, while a brownish color indicates poor germination. All lots containing brownish or brown seeds should be carefully tested for germination to determine the proportion that may be expected to grow in the field under favorable conditions and the rate of seeding should be adjusted accordingly.

Imports.

During the week ending September 25 imports were received at New York as follows:

MacNiff Horticultural Co., 41 cases trees, etc., 47 cases bulbs.
 De Rubron Florist Co., 76 cases bulbs (Marseilles, France).
 Syndicate Trading Co., 10 cases bulbs (Rotterdam, Holland).
 Chas. Schwake & Co., Inc., 67 cases bulbs (Liverpool, Eng.).
 F. B. Vandegrift & Co., 13 cases trees, etc., 21 cases bulbs.
 J. M. Thorburn & Co., 90 barrels seeds (Glasgow, Scotland).
 Vaughan's Seed Store, 20 cases bulbs (Marseilles, France).
 J. F. Noll & Co., 32 bags grass seeds (Glasgow, Scotland).
 Weber Dry Seeds Co., 51 cases bulbs (Marseilles, France).
 Maltus & Ware, 3097 cases bulbs (Rotterdam, Holland).
 C. F. Meyer, 66 cases bulbs (Marseilles, France).
 Henry & Lee, 89 cases bulbs (Marseilles, France).
 Gray Bros., 25 cases bulbs (Rotterdam, Holland).
 A. T. Boddington & Co., 28 cases bulbs.
 Hudson & Randolph, 100 bags clover-seed.
 Stumpp & Walter Co., 6 cases bulbs.
 Reichart & Schulte, 6 bags seed.
 Elliott Auction Co., 6 cases bulbs.
 P. Henderson & Co., 6 cases bulbs.
 H. H. Berger & Co., 6 cases bulbs.
 A. Rolker & Sons, 20 cases bulbs.
 R. M. Ward & Co., 227 cases bulbs.
 W. Elliott & Son, 56 cases bulbs.
 Burnett Bros., 42 cases bulbs.
 St. Louis Seed Co., 7 bags seed (Rotterdam, Holland).
 To order, 4472 cases bulbs, 303 packages seed, 6 cases trees.

VANCOUVER, B. C.—Ritchie Bros., late of Ritchie, Brand & Co., have opened a flower and seed store at 840 Granville street, in the heart of the business district. The store at the opening, September 1, presented a very beautiful appearance. A large importation of bulbs is expected shortly. The firm will also handle seeds and supplies.

Lilium Candidum

Extra fine Northern-grown Bulbs—Just Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
 231-235 W. Madison Street,

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Pea, Sweet Corn, Onion, Turnip
 Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write JOHN BODGER & SONS CO., Contract Seed Growers LOS ANGELES, CALIFORNIA.

PAPER WHITE GRANDIFLORA

Per 1000
 Mammoth—1000 to case, 14 c. m..... \$10.00
 First Size—1200 to case, 13 c. m..... 9.00

COLD STORAGE VALLEY

The very highest quality obtainable.
 Packed in cases of 1000, at.....\$17.00 per case

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
 411-413 Washington Ave., ST. LOUIS, MO.
 Write for our Fall Trade Catalogue.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
 Correspondence Solicited.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

Have just received a small surplus of
Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand.
 Write for prices.

Yokohama Nursery Co., Ltd.
 Woolworth Bldg., New York City

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.

BRUNNINGS

Leading Suppliers of
EUCALYPTUS
and **Acacia Seeds**
P.O. Box 857, MELBOURNE, AUSTRALIA

R. & M. GODINEAU
SEED GROWERS
Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

J.C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Water Melon and Okra Seed
Grown for Wholesale Trade.
W. E. HAILE, Seedsman,
Monticello, Fla.



Cyclamen Giganteum

**SOUTHERTON'S
PRIZE STRAIN.**

4 inch Plants Ready for a Shift.
Assorted Colors.
Only the Best Varieties.
At \$14.00 per 100.

R. J. Southerton,
Cyclamen Specialist
Highland Park, Illinois.

FLORISTS appreciate the importance of seeds and bulbs which may be depended upon: most florists have experienced the disappointment and loss incident to poor quality.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsmen, Nurserymen, Florists
ROCHESTER, NEW YORK
Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence Solicited. **SWEDSBORO, N. J.**

Mention the American Florist when writing

Some Excellent Stock In Abundance

Liberal extras for early orders

Size of pots.	100	1000
2 1/4-in. Asparagus Plumosus.....	\$2.50	\$22.50
3 -in. Asparagus Plumosus.....	5.00	45.00
4 -in. Asparagus Plumosus, 1 1/2 ge pots	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2 1/4-in. Begonia Chatelaine.....	6.00	55.00
3 -in. Begonia Chatelaine.....	10.00	95.00
2 1/2-in. Begonia Erfordi and Luminosa	4.00	38.00
3 -in. Begonia Erfordi and Luminosa	7.50	70.00
2 1/4-in. Primula Obconicas. Fancy mixed or separate colors.....	2.50	22.50
2 1/4-in. Chinese Primrose. Choice m'x'd	3.00	25.00
2 1/4-in. Cinerarias. Assorted.....	2.35	20.00
2 1/2-in. Smilax.....	2.50	22.50
2 1/4-in. Cyclamen. Eight varieties....	6.00	55.00
3 -in. Cyclamen. Eight varieties....	8.00	75.00
10,000 Ferns - From bench: Boston, Scottii, Elegantissima, Piersoni, etc.,	\$12.50, \$15.00 and \$20.00	per 100.

Field-Grown Violet Plants. Princess of Wales Gov. Herrick, Marie Louise and Lady Campbell; fine stock. \$5.00 per 100, \$45.00 per 1000.
2 1/4-in. Violet Plants—Marie Louise and Lady Campbell, \$3.00 per 100, \$25.00 per 1000.
3-in. pot plants. \$4.00 per 100, \$35.00 per 1000.
Send your orders today. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist, WASHINGTON, N. J.

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

We still have some

Winter Flowering Orchid Sweet Pea Seed

Pink and White Orchid; White Orchid; Orchid Beauty, dark rose; Mrs. A. A. Skaach, best shell pink; Red Orchid; 1/4 oz., 75c; 1/2 oz., \$1.00; 1 oz., \$1.75, and many others. We have all the best commercial Summer Spencers. Ask for List.

Anton C. Zvolanek,
LOMPOC, CALIF.

The Answer—

THERE will be no Azaleas or Palms from blockaded Belgium this fall.

What will you use in place of them?

We suggest Poinsettias, Cyclamen and Hydrangeas as the ideal plants for your holiday trade—and to insure yourself of the maximum profits it will pay you to arrange for your stock now.

Wire, Mail or Phone

The Geo. Wittbold Co.

Long Distance Telephone Graceland 1112

737 Buckingham Place

CHICAGO

Poinsettias

Prepare for the Christmas trade—and make sure of a fine profit by stocking these popular plants now.

2 1/4-inch pots.....\$5.00 per 100

Cyclamen

Exceptionally fine stock in Red, Pink, White, Salmon, and White with Red Eyes in best strains such as Wandsbek, etc.

3-inch, 8c each; 4-inch, 15c each; 5-inch, 40c each

Hydrangeas

Otaksa, in field, ready for 5-inch pots.....15c each

French Varieties, in field, pink and white, ready for 5-inch pots.....20c each

Otaksa, in field, large plants, ready for 9-inch pots.....75c each

Otaksa, pot-grown, 5-inch.....\$3.60 per doz.

French Varieties, strong pot-grown, 5-inch.....\$4.20 per doz.

Special Sale of Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4-in. pans.....\$ 4.00 per doz.
- 5-in. pans..... 6.00 per doz.
- 6-in. pans..... 12.00 per doz.
- 7-in. pans..... 15.00 per doz.
- 8-in. pans..... 24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.
Fernish Ferns in flats and 2 1/4-inch pots a Specialty.

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

DEUTZIA

Crenata Fl. Pl.

Pot-grown stock, very bushy, ready now.
8 inch pots.....dozen, \$3.00; per 100, \$25.00
6 inch pots.....dozen, 2.50; per 100, 18.00

Vaughan's Seed Store,
CHICAGO NEW YORK

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

SEASONABLE STOCK

- Adiantum Croweanum, grand 4 in. pot stock, \$15.00 per 100.
- Asparagus Plumosus, bushy, 2 1/4 in., \$3.00 per 100; \$25.00 per 1000.
- Asparagus Sprengeri, strong 3 in. stock, \$5.00 per 100.
- Bougainvillea, bushy, well trimmed, 4 in. pot plants, \$15.00 per 100; 5 in., \$25.00 per 100.
- Begonia, Glory of Cincinnati and Davenport, good 5 in., \$40.00 per 100.
- Dracaena Terminails, well colored 5 in. pot plants, \$50.00 per 100.
- Fern Dish Ferns, strong, out door grown 2 1/2 in. pot plants, all varieties, \$3.00 per 100; \$25.00 per 1000.
- Hydrangea Otaksa and all French sorts, 4 in. pot plants, \$15.00 per 100; 5 in. pot plants, \$20.00 per 100. Field grown specimens for 8 to 10 in. tubs, 8 to 12 shoots, \$25.00 per 100; both in Otaksa and French varieties.

Send for catalog No. 5.

The Storrs & Harrison Co., Painesville Nurseries,
PAINESVILLE, OHIO

Mention the American Florist when writing

Pansy Seedlings

Our mixed Pansy seedlings produce giant flowers of excellent quality, all colors. with many light flowered sorts (pastel shades).

Also strong seedlings of
Coreopsis Grandiflora, Aquilegia (Columbine),
Bellis Perennis (English Daisy), Hardy Pinks,
Forget-Me-Nots, Sweet Williams, Wall Flowers,
Canterbury Bells and Foxgloves, 35c per 100,
\$2.45 per 1000, \$10.00 per 5000.

WILLIAM RILEY
TORRESDALE, PA.

Mention the American Florist when writing

CARNATION MISS THEO

\$12.00 per 100;

\$100.00 per 1000.

LITTLEFIELD & WYMAN

North Abington, Mass.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ELIZABETH, N. J.—A new storage house, 30 x 60 feet, is being added to the establishment of the Elizabeth Nursery Co.

VALLEY CITY, N. D.—The Northwestern Nursery Co. is doubling its capacity, and is erecting a large packing shed and storage warehouse.

PATERSON, N. J.—Bobbink & Atkins of Rutherford, N. J., have purchased 50 acres of land near this city, which will be devoted to the culture of roses.

NEW CASTLE, IND.—P. J. Lynch is a candidate for congress on the republican ticket and his many friends in the trade wish him all success in the contest.

KALLEN & LUNNEMANN, of Boskoop, Holland, have promised a collection of the new European varieties for the American Rose Society's garden at Cornell University, Ithaca, N. Y.

FEARING the pest which destroys the mulberry tree, thereby menacing the silk industry, France has prohibited the importation of cut flowers from Italy between May 1 and November 1 each year.

CARL CROPP, of Vaughan's Nurseries, Western Springs, Ill., visited the Storrs & Harrison and Kohankie establishments at Painesville, O., last week and reports their stocks in fine condition. Robert George, of the former firm, has been so busy this year that he had to forego his annual fishing trip.

NORTH YAKIMA, WASH.—District Horticultural Inspector DeSelle has learned that unscrupulous fruit buyers are frightening growers into parting with their product at ruinous prices by representing that the department rules are so strict that their fruit is practically unmarketable. The buyers make a neat profit by merely sorting out the infected fruit.

Watson Breaks New Ground.

John Watson, for many years identified with the Jackson & Perkins Co., Newark, N. Y., has severed his connection with that firm and will start in the nursery business on his own account. During the past 10 years Mr. Watson has been prominently identified with various trade organizations and an officer in several or them, having been elected vice-president of the American Nurserymen's Association at the Detroit convention last June. Mr. Watson has a wide acquaintance in the business and will grow ornamentals for the trade exclusively. He will also sell fruit-tree seedlings and young ornamentals for nursery planting for one of the best growers, gardeners and packers among the French nurserymen, Manetti stocks for an excellent English house, azaleas and other things from the continent as soon as war conditions permit. Mr. Watson's address is Newark, N. Y.

Shade Trees for the City.

That the largest shade tree in the United States, as brought to light by the prize contest held by the American Genetic Association, should turn out to be the eastern sycamore is not surprising, say government foresters. The sycamore has long been regarded as the largest deciduous tree in North America and its range of growth is hardly second to that of any other broad-leaf tree; for it can be found from Maine to Florida, and as far west as Kansas.

The bestowal of the prize on a sycamore at Worthington, Ind., which is 42 feet 3 inches in circumference and 150 feet tall, draws attention to the fact that foresters are nowadays recommending the species especially for city planting. They say that long experience with sycamores planted in city streets has shown that the species is peculiarly able to withstand the smoke, dust, and gases which are usually an unavoidable complement of urban life. In addition, the sycamore is as resistant to attacks of insects and fungi as almost any species, and is a quick grower; at 10 years of age, a healthy sycamore usually is already large enough for shade as well as for decorative purposes. As for the latter, there is hardly any eastern species which is generally held so picturesque as the sycamore, with its strikingly mottled bark and magnificent stature and conformation, the sycamore has a marked individuality and can not be mistaken for any other species, either in the summer when the foliage conceals its structural form, or in the winter when the leaves are absent.

A common objection to the sycamore as a lawn tree is its habit of dropping its leaves before autumn. From this characteristic it is sometimes called a "dirty tree." Recently the forest service received a letter from a suburban resident who has a sycamore on his lawn. "My sycamore tree is very beautiful," said the writer, "until about the first of August, when its leaves begin to fall. Is there any remedy that I can apply to the tree to keep it from dropping its leaves so soon?" It was necessary to tell the correspondent that this was a characteristic habit of the tree. This drawback, however, is practically the only failing that the sycamore has, and it is offset by many desirable qualities.

On the other hand, there is little prospect of popularity, foresters say, for the valley oak of California, which was decided to be the largest nut-bearing tree in the United States, the contest unearthing a specimen in San Benito county, which is 37 feet 6 inches in circumference and 125 feet high. The valley oak is a very beautiful tree, but it attains maturity only after three or four hundred years; its wood is too tough, knotty, and otherwise imperfect to be good for lumber; the tree grows too slowly to be planted for shade or decorative purposes, and, being found only in California, it would have a small field of usefulness. Horticulturists say that the valley oak is not popularly considered a nut-bearing tree; for its acorns are not generally

used for food, although, of course, they are edible. Foresters say that the chestnut and the black walnut are the largest nut-bearing trees in this country, and the contest did, in fact, unearth a chestnut near Crestmont, N. C, which is 33 feet 4 inches in circumference and about 75 feet tall.

The contest brought forth photographs and authentic descriptions of 337 trees in all parts of the United States, making a distinctly valuable contribution to existing knowledge of native trees. It was found that, in all probability, there is no living elm larger than "The Great Elm" at Wethersfield, Conn., which is 28 feet in circumference and about 100 feet tall, and is estimated to be 250 years old. Many remarkable specimens of species which ordinarily attain only small sizes were unearthed by the contest, furnishing new records of maximum growth. A sassafras was brought to light at Horsham, Pa., which is 15 feet 10 inches in circumference at four feet from the ground, whereas, for example, not long before this a Georgia town claimed that it had the largest sassafras tree in the world, though this tree was only something over seven feet in circumference. A white birch was found in Massachusetts with a girth of 12 feet 2 inches; a pecan was found in Louisiana with a circumference of 19 feet 6 inches, and a catalpa in Arkansas with a girth of 16 feet. The tallest tree found is a yellow poplar in North Carolina, which is 198 feet high and has a circumference of 34 feet 6 inches.

The value of the contest lies in its contribution of new information as to the maximum growth attained by deciduous species and the localities in which the different species seem to grow best. The relative sizes of the coniferous species are fairly well established, the bigtree of California, for example, being the largest in the world; but information on the size attained by deciduous trees in this country has been very incomplete.

MANKATO, MINN.—The Windmill Co. is installing a 15 H. P. electric motor to pump water for irrigation and fire protection.

FORT SMITH, ARK.—Ground has been broken for the erection of a handsome flower shop and conservatory by George Rye, florist.

LONG BEACH, CALIF.—The Long Beach Horticultural Society will hold its fall flower show October 20-23. Samuel Whitford, 1508 Appleton street is secretary.

GREENVILLE, S. C.—F. W. Woolworth & Co. have placed a contract with the Graceland cemetery greenhouses for 62,500 pot plants aggregating about \$4,000, for sale in their chain of 5 and 10 cent stores.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

NORWAY MAPLES, 1-5 inch cal.

ORIENTAL PINES, 1-4 inch cal.

PIN OAKS, 1¼-3 inch cal.

Write for attractive prices. Wholesale trade list mailed upon application.

The Shrewsbury Nurseries

Geo. A. Steele, Proprietor
EATONTOWN, N. J.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and 1 grade better. Carloads a Specialty.

—ALSO—

**Amoor River Privet,
Berberis Thunbergii,**
Well grown and in large supply.

**J. T. LOVETT, LITTLE SILVER,
N. J.**

Baltimore Nurseries California Privet

Any quantity, size and age. No better grown Shade and Ornamental Trees, Shrubs and Vines. Full Line of Fruit Trees and Plants.

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Edith Bellenden... 8.40	Lady Alice Stanley 7.20	Mrs. David McKee 8.40	Warrior 8.40
Edu Meyer 7.20	Lady Ashtown... 7.20	Mrs. E. Mawley... 8.40	White Killarney... 8.40
Edward Mawley... 8.40	Lady Dunleath... 9.60	Mrs. E. G. Hill... 7.20	White Lippatt... 7.20
Elizabeth Barnes... 8.40	Lady Hillingdon... 8.40	Mrs. Foley-Hobbs... 8.40	William Shean... 7.20
Ellen Ponison... 7.20	Lady Mary Ward... 9.60	Mrs. Ford 10.80	Wiltownere 4.80
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	Std.	1/2-Std.		Std.	1/2-Std.		Std.	1/2-Std.
Abel Carriere	\$2.88	\$2.52	Harry Kirk	\$3.60	\$3.88	Mme. Mel. Souper	\$3.60	\$2.88
Betty	3.60	2.88	Hugh Dickson	2.88	2.52	Mrs. Ravary	3.60	2.88
British Queen	4.32	3.60	J. B. Clark	2.88	2.52	Molly S. Crawford	3.60	2.88
Capt. Hayward	2.88	2.52	Juliet	3.60	2.88	Mrs. And. Carnegie	4.80	2.88
Caroline Testout	2.88	2.52	Lady Ashtown	3.60	2.88	Mrs. Foley Hobbs	4.32	3.60
Dr. O'Donnell Brown	2.88	2.52	Lady Hillingdon	4.32	3.60	Mrs. H. Stevens	4.32	3.60
Ethel Malcolm	3.60	2.88	Ea France	2.88	2.52	Mrs. John Laing	2.88	2.52
Fisher Holmes	2.88	2.52	Lieut. Chaire	3.60	2.88	Prince C. de Rohan	2.88	2.52
F. K. Druschki	2.88	2.52	Lyon Rose	3.60	2.88	Rayon D'Or	4.32	3.60
Gen. MacArthur	3.60	2.88	Mme. A. Chatenay	3.60	2.88	Richmond	3.60	2.88
George Dickson	4.80	4.32	Mme. Ed. Herriot	6.00	4.80	Ulrich Brunner	2.88	2.52
Gloire de Dijon	2.88	2.52	Mme. Jean Dupuy	3.60	2.88	W. A. Richardson	3.60	2.88
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Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, September 28.—Mushrooms, home grown, No. 1, 40 cents per pound; lettuce, cases, 7 to 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 75 to 85 cents; tomatoes, baskets, 25 to 50 cents.

New York, September 28.—Celery, per bunch of 12 stalks, 12 to 40 cents; cucumbers, 35 cents to 75 cents per basket; mushrooms, \$4.00 per 4-pound basket; tomatoes, 60 cents to 85 cents per package; radishes, per basket, 30 cents to 60 cents; lettuce, per 2 dozen crate, 25 cents to \$1.50.

Lettuce Plants.

The season is here once more when lettuce plants claim our attention. While they are easily grown, and their requirements are very simple, they are also easily hurt and success is too often only partial. Every year there is a demand for thousands of lettuce plants, often from the best growers, proving that at times they fail to produce good plants, or fail to have them at the right time. While the instructions here given are not new, they will stand repeating. In the first place, if Grand Rapids is grown, do not cover the seed. If sown in rows, merely mark the rows $\frac{1}{8}$ to $\frac{1}{4}$ inch deep, sow the seeds and pound down the earth with a piece of plank or a brick. To prevent displacing the seed by rough watering, cover with a piece of common cheese-cloth. This cheese cloth, while shading and protecting the seed, admits light, air and water and when the little plants lift the cloth it can be removed. The secret of sprouting lettuce seed is to keep them moist constantly from the start. As soon as well up, we go over the rows and remove surplus plants to prevent crowding. Lettuce seedlings in the dark months should not be softened by sprinkling—grow them as dry as possible to induce root action and a slow growth.

The proper time to plant over is as soon as the character leaf shows—and then the sooner the better. Our standard spacing is 2 inches by 2 inches, for this we have a marker with pointed pegs that punches 50 holes at once; we generally use two operators, one to drop the plant into each hole and the other to tighten the plant. To water we prefer a sprinkling can with a rather coarse rose; we want to flood the plants for an instant, enough so as to fill all the little holes with water. This will settle the earth around the roots and often no further water is given until the plants are ready to dig a month or five weeks later. Temperature is very important. The plants should be grown at least as cool as the permanent lettuce houses are kept, and a little cooler would be better. Plenty of

air is needed, day and night. It seldom pays to close ventilators tight. In regard to light, lettuce plants demand a good house—all the light they can get. Last, but most important, control the green fly by regular spraying or fumigation. MARKETMAN.

Watermelon Diseases.

D. C. Welty, agricultural commissioner for the St. Louis, Iron Mountain & Southern, has departed with Prof. George M. Reed, botanist of Missouri Agricultural college, for the watermelon fields in southeastern Missouri. The watermelon crop in that section is one of the greatest grown anywhere in the United States, but during the last year, due to extraordinary climatic conditions or some other causes, a large percentage of the melons suffered from disease and in numerous instances as much as half of them were lost. The close co-operation of the railroad with the growers in raising and marketing their melons kept Mr. Welty in touch with the situation and he has sent numerous samples of the diseased fruit to the agricultural college to be examined. The two men will study conditions in the fields along the Iron Mountain lines at Morley, Blodgett, Diehlstadt and Bertrand. They are to have meetings with the growers at these places and confer with them as to the best plan for making next year's crop successful.

Up to September 1 the southeastern Missouri melon district shipped out over the Iron Mountain lines 1,168 cars of watermelons and the shipments are still going on. It is safe to say that the growers have lost at least 500 cars through melon diseases, the remedy for which Prof. Reed and Mr. Welty hope to find, in conjunction with the farmers engaged in the melon industry.

Providence, R. I.

TRADE IS SATISFACTORY.

The local market the past week has been very good. There have been some very heavy cuts of roses the past week, especially the red; in fact, there has been an extra heavy surplus of this flower. The aster season is about over at this time, and the growers are starting to bring in the carnations again. Gladioli are done with, and this flower is one that the trade will miss as it is a flower that can be worked in almost any shape and done quickly. Chrysanthemums are being shown in some of the store windows, but as yet there is no call for this flower. What few there are, are of good quality and make a good show in the windows. Funeral work has held out well and the cut flower trade has

picked up wonderfully the past two weeks. Chrysanthemums are looking good everywhere, and from the present prospects there will be a good crop and plenty of them.

Willie Cohen is now located with Miss O'Connor, the florist, on Thayer street.

Hoffman of Pawtucket is cutting some very good carnations now.

H. A. T.

RED ROCK, PA.—E. B. Sage has disposed of his florist business to C. Guntton.

Vegetable Plants

Lettuce and Cabbage Plants,
\$1.00 per 1000.

Parsley Plants, extra strong,
50c per 100.

R. Vincent Jr. & Sons Co., White Marsh, Md.

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HOW TO GROW THEM

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GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas
Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations
Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious
Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and
most beautiful in the world, \$6.00 per oz., or \$1.75 per $\frac{1}{4}$ oz., \$1.00 per $\frac{1}{2}$ oz., postage paid
Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and
are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Here Are The Plants



Our **HYDRANGEAS** grown for delivery to our customers this fall. 40,000 of them in 6-inch pots. You can see for yourself what they are. The foliage is rich dark green, no yellow leaves. The branches are strong and thick, promising big heads of bloom.

Here are the prices—**Otaksa**, the staple, standard, salable sort, has made more money for florists than all others put together. Plants with 7 to 10 branches, \$25.00 a 100; with 5 and 6 branches, \$20.00 a 100; with 4 branches, \$15.00 a 100.

The best of the French Novelties, **Avalanche, Bouquet Rose, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere** and **Radiant**, in the same sizes at \$5.00 a 100 more for each size.

ALL in 6-inch pots. Consider the size, the number of flowering branches, the price and the quality of the stock illustrated in this photograph taken only a few days ago. A combination of good points that ought to bring your order by return mail. How many of these fine plants do YOU want?

JACKSON & PERKINS COMPANY, Newark, New York

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Importer, Wholesale Grower and Shipper of
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THE LEEDLE FLORAL COMPANY.
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Wholesale Florists
CROMWELL, - CONN.
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Alyssum Double Giant
The cut flower variety, 2 in., \$2.00 per 100;
\$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2
in., \$2.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Parsley, double curled, \$2.50 per 1000.
Good packing—prompt shipment.
ELMER RAWLINGS, Wholesale
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THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Albany, N. Y.

At the recent garden contest, held under the auspices of the Albany Woman's Club, a handsome silver loving cup was awarded for the second consecutive year to Public School No. 21 for having entered the largest number of children in the contest. This school had 12 prize winners in the contest this year. The exercises took place on the large lawn in front of the Capitol and diagonally across Eagle street from the city hall. Mayor Joseph W. Stevens presented the prizes, the winners being announced through a megaphone by John T. D. Blackburn, Arthur L. Andrews, corporation counsel; Jacob Herzog, president of the board of education, and C. Edward Jones, superintendent of schools, assisted in distributing the prizes. More than 300 children were present and a very large percentage of them received awards. The firm of Louis H. Schaefer & Son, which supplied the seeds to the children, gave to each prize winner a ticket exchangeable at the Schaefer store for a bulb.

Thomas F. Tracey, manager of the Albany Cut Flower Exchange, reports business for the fourth week in September as steadily improving. Some extra fine American Beauties are coming in from the growers, and the

CYCLAMEN



Giant English Grown

Each, \$1.00 per 100; \$8.00 per 1000 seeds.

Rosy Morn, Grandiflora Alba, Excelsior, Princess May, Mauve Queen, Duke of Fife, Princess of Wales.

Giant German Grown

Each, 65c per 100; \$5.00 per 1000 seeds.

Pure White, Dark Crimson, Rosa Von Marienthal, Dark Rose, White with Carmine Eye.

Glory of Wandsbek. Attractive salmon. Price—100 seeds, \$1.25; 250 seeds, \$2.85; 1000 seeds, \$10.00.

PRIMULA Vaughan's International Mixture. } As much liked as our
1-16 oz., \$4.00; 350 seeds, 50c. } Pansy seed of this name.

MIGNONETTE.

New York Market.....Oz., \$7.00; 1/8 oz., \$1.00; Trade pkt., 50c
Grown for us for years by a mignonette specialist.

Giant Machel.....Oz., 75c; 1/4 oz., 40c; Trade pkt., 10c

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100,000 Field-Grown CARNATION PLANTS

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000		100	1000
White Perfection	\$3.50	\$30.00	Philadelphia.....	\$3.50	\$30.00
Rose Pink Enchantress,	3.50	30.00	Zoe Symonds.....	3.50	30.00
Mrs. C. W. Ward.	3.50	30.00	Washington.....	3.50	30.00

Order Today

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

L. D. Phone Central 2846

carnations are a great improvement over most of those received through the summer. Some yellow chrysanthemums are also being received. Inquiries for violets have to be rejected as few are coming in, the season being too early for stock of any merit.

R. D.

LOS ANGELES, CALIF.—Mrs. E. R. Powers has leased the premises at 652 South Hill street for a flower shop.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2½-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3½-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

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10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSTOWN, PA., Wholesale Grower.

ALTERNANTHERAS.

Alternantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucarias, Excelsa, 5-in., 3 to 4 tiers, 75c each; 6-inch, 4 tiers, \$1; 7-inch, 4 to 5 tiers, \$1.25; 7-inch, 5 tiers, \$1.50 to \$2. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 7-inch, 3 tiers, \$1.50; 7-inch, 3 to 4 tiers, \$2; 9-inch, 5 to 6 tiers, \$4 to \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias, Excelsa, 5-in., 3 tiers, 60c each; 6-in., 3 to 4 tiers, 75c; 6-in., 4 tiers, \$1; 7-in., 4 to 5 tiers, \$1.25. Excelsa glauca, 6-in., 2 tiers, 75c; 7-in., 3 to 4 tiers, \$1.25. Robusta Compacta, 6-in., 2 tiers, \$1; 6-in., 3 tiers, \$1.25; 7-in., 3 tiers, \$1.50. Heury A. Dreer, 714-716 Chestnut St., Philadelphia.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 3-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-inch, \$2.50 per 100; \$22.50 per 1,000; 4-inch, \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS in flats of 100 each, \$1. Extra strong 3-inch, \$4 per 100; \$35 per 1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Asparagus plumosus, 2 1/2-inch, \$2 per 100; \$18 per 1,000. Sprengeri, seedlings, \$1 per 100; \$7 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI 3-inch pots, \$5 per 100; 4-inch, \$12.50. HENRY SMITH, Grand Rapids, Mich.

BEGONIAS.

BEGONIA LORRAINE.

2 1/2-inch.....	Per 100	4-inch.....	Per 100
3 -inch.....	\$20.00	5-inch.....	\$35.00

BEGONIA GLORY OF CINCINNATI.

2 1/2-inch.....	Per 100	3 1/2-inch.....	\$30.00
3 -inch.....	\$25.00	4 1/2-inch.....	40.00

JULIUS ROEHR'S CO., Rutherford, N. J.
 Begonias, Gloire de Chatelaine, Pfitzer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and plnk, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

BEGONIAS.

Best stock obtainable in following varieties:

Cincinnati, 2 1/2-inch	\$15.00
Cincinnati, 3-inch	25.00
Florence Davenport, 2 1/4-inch.....	15.00
Mellor, 2 1/4-inch	25.00
Chatelaine, 2 1/4-inch	4.00
Erfordi, Prima Donna, Triumph.....	3.00

JOHN KRUCHTEN COMPANY.

162 North Wabash Avenue, CHICAGO, ILL.

BEGONIA CINCINNATI, 2 1/2-inch, \$15 per 100; 3-inch, \$25 per 100. Florence Davenport, 2 1/4-inch, \$15 per 100. BEGONIA MELLOR, 2 1/4-inch, \$25 per 100. CHATELAINE, 2 1/4-inch, \$4 per 100; 4-inch, \$15 per 100. BR-FORDII, PRIMA DONNA, TRIUMPH, 2 1/4-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Vernon, in bloom, 4-inch, 10c each; \$10 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Begonias, Glory of Cincinnati and Davenport, 5-inch, \$40 per 100. The Storrs & Harrison Co., Painesville, Ohio.

BEGONIAS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

BERBERIS.

BERBERRY.

WE OFFER BERBERIS THUNBERGII.

	Each	Ten	100	1,000
12-18 in., light.....	10c	\$0.80	\$ 5.00	\$40.00
12-18 in.	15c	1.00	6.00	50.00
18-24 in.	20c	1.25	8.00	70.00
2-3 ft.	25c	1.50	12.00	100.00

Also see our ads under Spireas and Privet. Send today for our complete price list.

AURORA NURSERIES,

Telephone 339. Aurora, Ill.

BERBERIS THUNBERGII. Very bushy, strong plants, 12-18-inch, \$55 per 1,000; \$6 per 100; 18-24-inch, \$70 per 1,000; \$7.50 per 100; 2-2 1/2 ft., \$10 per 100. Write for our wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y.

BOXWOOD.

BOXWOODS.

PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. D. Dundee.

BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.

THE D. HILL NURSERY CO., Inc.
 BOX 404. DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Paper White Grandiflora, 13 up, 1,250 to case, \$8 per 1,000; 14 up, \$10 per 1,000. White Enchantress, 40.00 per 1,000. French Roman hyacinths, 12-15, \$23 per 1,000. Lilium Formosum, 7-9, 250 per case, \$60 per 1,000; 9-10, 180 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia, Pa.

BIG DROP IN BULBS. Send for Special Prices. Darwin tulipa, single and double tulips, hyacinths, narcissus. Plant Darwin tulips this year outdoor for Memorial. Melrose Bulb Importing Co., Melrose, Mass.

Bulbs, Japan grown freealias and L. Formosum, also cold storage giganteum always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

BULBS.

Bulbs, Lilium Formosum, 7 to 9-inch, 250 to case, \$60 per 1,000; 8 to 9-inch, 225 to case, \$70 per 1,000; 9 to 10-inch, 180 to case, \$80 per 1,000. Narcissus (Dutch), Emperor, fancy, \$13 per 1,000; Mother bulbs, \$17.50 per 1,000; Victoria, fancy, \$12 per 1,000; Golden Spur, fancy, \$13.50 per 1,000; Sir Watkins, fancy, \$12 per 1,000; Von Sion, XXX double nose, \$21 per 1,000. White Roman Hyacinths, 11 to 12 ctms., 2,400 to case, \$21 per 1,000; 12 to 15 ctms., "whole crop" about 1,700 to case, \$27 per 1,000. Tulips: Artus, \$6.50 per 1,000; Belle Alliance, \$10; LaReine, \$6; Cottage Maid, \$7; Proserpine, \$20; Rose Gris de Lin, \$6.50; Chrysolora, \$9; Yellow Prince, \$8.50; Keizerskroon, \$14; Muriilo, \$7.50. Cold storage lilies: Giganteum, 7 to 9-inch, 300 to case, \$15 per case; 9 to 10-inch, 200 to case, \$16.50 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Formosum, 7 to 9-inch, 250 to case, \$6.50 per 100; \$65 per 1,000. Lilium Candidum, 1st size, \$5 per 100. Freesia Reflecta Alba, jumbo bulbs, \$1.50 per 100; \$12 per 1,000; mammoth bulbs, \$1.25 per 100; \$8 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, Paper White Grandiflora, mammoth, 1,000 to case, 14 ctms., \$10 per 1,000; first size, 1,200 to case, 13 ctms., \$9 per 1,000.

St. Louis Seed Co.,
 411-413 Washington Ave., St. Louis, Mo.
 Bulbs, Lilium Candidum, \$6.50 per 100; \$60 per 1,000. Hyacinths, tulips, narcissi, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS. LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT. GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

WHITE PERFECTION	Per 1,000	\$50.00
PINK ENCHANTRESS		50.00
BEACON		50.00
COMFORT		55.00
PHILADELPHIA		70.00

500 AT 1,000 RATE.
 PITTSBURGH CUT FLOWER COMPANY.
 FRED BURKI, Pres. T. P. LANGHANS, Sec.
 W. A. CLARKE, Treasurer.
 THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES.
 CARNATION SPECIALISTS.

WHOLESALE GROWERS.
 116-118 SEVENTH ST., PITTSBURGH, PA.

PINK ENCHANTRESS.
 We have about 10,000 left and they are the finest lot of big, strong, healthy plants obtainable. Guaranteed satisfactory or your money refunded. While getting, get the best, \$4 per 100. TERRE HAUTE ROSE & CARNATION CO., Terre Haute, Ind.

CARNATION PLANTS FIELD-GROWN.
 White Wonder
 \$40.00 per 1,000 || White Enchantress | 40.00 per 1,000 |
Enchantress	40.00 per 1,000
Mrs. C. W. Ward	40.00 per 1,000
White Perfection	40.00 per 1,000

HUDSON & WELSH, Lyndonville, N. Y.
 Carnations, Enchantress, White Enchantress, Rose Pink Enchantress, White Perfection, Mrs. C. W. Ward, Beacon, Herald, \$5 per 100. F. P. Caird, Troy, N. Y.

Carnations, Enchantress, Philadelphia, Winsor, Beacon, Champion, \$5 per 100; \$45 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD GROWN CARNATION PLANTS.
"SELECT QUALITY."

	Per 100	Per 1,000
Pink Delight	\$5.50	\$50.00
White Enchantress	5.50	50.00
White Perfection	4.50	40.00
Enchantress	4.50	40.00
Ward	5.50	50.00
Princess Charming	4.50	40.00
Saogamo	4.50	40.00
Harlowarden	4.50	40.00
Victory	5.00	45.00
Rosette	4.50	40.00
Winsor	5.50	50.00
Beacon	5.50	50.00
Herald	5.50	50.00
Matchless	8.00	65.00
Champion	8.00	65.00

JOHN KRUCHTEN COMPANY,
162 N. Wabash Ave.,
Chicago.

CARNATIONS FOR SALE.

	Per 100	Per 1,000
Philadelphia	\$5.50	\$50.00
Rose Pink	5.50	50.00
Dorothy Gordon	5.50	50.00
Beacon	5.50	50.00
Enchantress	5.50	50.00

Cash, please.
JOHN BLECHSCHMID, 4300 East 122d St.,
CLEVELAND, OHIO.

FIELD-GROWN CARNATION PLANTS.

	Per 100	Per 1,000
Beacon	\$5.00	\$40.00
Rose Pink	5.00	40.00
Enchantress	5.00	40.00
White Perfection	5.00	40.00

250 at 1,000 rate.
WILLIAM MURPHY,
329 Main St., Cincinnati, O.

FIELD CARNATIONS.
Pink—Enchantress and Ward. Red—Delhi and St. Nicholas, \$40 per 1,000. Strong, bushy stock. Cash, please. JOY FLORAL CO., Nashville, Tenn.

Enchantress, Rose Pink Enchantress, Philadelphia and Beacon, \$5 per 100; \$45 per 1,000. White Enchantress and above varieties, good seconds, 4c. Cash please. HARRY HEINL, West Toledo, O.

Field-grown carnation plants. White Perfection, Rose Pink Enchantress, Mrs. C. W. Ward, Philadelphia, Zoe Symonds, Washington, \$3.50 per 100; \$30 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD-GROWN CARNATION PLANTS.
Champion and Philadelphia, \$6.00 per 100; \$50 per 1,000.
George Peters & Sons, Hempstead, N. Y.

FIELD-GROWN CARNATION PLANTS.
Matchless, Perfection, Winsor, Gordon.
Write for prices.
WILLIAM A. MURRAY, Atco, N. J.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wymao, North Abington, Mass.

5,000 Pink Enchantress, long bushy plants at \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnations, field-grown. For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., 1201-1205 Race St., Philadelphia, Pa.

Carnations, Rose Pink Enchantress and Pink Delight, \$5 per 100. Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM PLANTS, double and single in pots and pans, all varieties, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS—Xmas Red, 3-inch, \$5.00 per 100.
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

COLEUS. Brillancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, very fine colored stock, 4-inch, 25c each; \$23 per 100; 4-inch, 35c each; \$30 per 100; 6-inch 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch, \$1 to \$1.50 each. Pochmann Bros. Co., Morton Grove, Ill.

Crotons, 4-inch, \$4 per doz.; \$30 per 100; 5-inch, \$6 to \$9 per doz. Large plants, \$1 and \$1.50 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Crotons in appendic color, 4-inch, \$4 per doz.; \$35 per 100. Vaughan's Seed Store, Chicago and New York.

CYCLAMEN.

READY FOR IMMEDIATE DELIVERY.
ABOUT 10,000 TO GO OUT.
CYCLAMEN GIGANTEUM,
WANDSBEK TYPE,
IN EXCELLENT CONDITION,
READY FOR SHIFT.

Mostly pink, red and salmon colors of the Improved Wandsbek. We need more space, therefore 10% off for cash on plants only.

2½-inch	\$ 5.00 per 100
3-inch	8.00 per 100
3-inch, extra select	10.00 per 100
4-inch	15.00 per 100
4-inch, extra select, mostly salmon	20.00 per 100

CYCLAMEN SEED.

Giganteum Improved, finest German strain obtainable, 10 varieties, equally divided, separate or mixed, including Improved Glory of Wandsbek, light and dark, \$5.00 per 1000; \$3.00 per 500; \$1.00 per 100. Salmon Improved Glory of Wandsbek, separate, \$7.00 per 1000; \$4.00 per 500; \$1.25 per 100. Cash, please.

5% off for cash on seeds.
ERNEST ROBER, WILMETTE, ILL.

CYCLAMEN GIGANTEUM.
Wandsbek type—Finest obtainable.

100	1.000
2½-inch	\$ 5.00 \$45.00
3-inch	8.00 75.00
3-inch, extra select	10.00 90.00
4-inch	\$15.00 and \$20.00 per 100

JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

CYCLAMEN—My prize strain, Wandsbek, Zehlendorf, the best Salmons, pure white, red, white with red eye, Victoria; ready for a shift. Any of the above during October from 4-inch pots, at 14c each. Cash with order please. R. J. SOUTHERTON, Marion Road, Highland Park, Ill.

Cyclameo, 3-inch, 8c; 4-inch, 15c; 5-inch, 40c. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, assorted colors, 4-inch, \$2.50 per doz.; \$18 per 100. Vaughan's Seed Store, Chicago and New York.

Cyclamens, 8 vars., 2½-inch, \$6 per 100; \$55 per 1,000; 3-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

CYCLAMEN, strong plants, best varieties, \$10 to \$35 per 100. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, best German strain, 3-inch pots, \$8 per 100. Pochmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

DEUTZIAS.

Deutzia Crenata fl. pl., pot-grown, 8-inch pots, \$3 per doz.; \$25 per 100; 6-inch pots, \$2.50 per doz.; \$18 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

50,000 extra healthy and large field-grown DRACAENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmons, Newton, N. J.

Dracena terminalis, well colored, 5-inch, \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Dracena Massangeana, 5-inch pots, 75c. Pochmann Bros. Co., Morton Grove, Ill.

EUONYMUS.

EUONYMUS RADICANS VEGETUS—Three-year-old potted plants for immediate delivery; also three-year, field-grown plants, \$14 per 100; \$2 per doz. Illustrated booklet. THE GARDEN NURSERIES, Narberth, Pa.

FERNS.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$5 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.80 per doz.; 2½-in., \$3 per 100. Elegantissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$6 per 100. Elegantissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2½-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3½-in., \$3 per doz. Harrisii, 8-in., \$12 per doz. Superbissima, 8-in., \$12 per doz., 6-in., \$6 per doz.; 3½-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Cibotium Schiedel, 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5 each. The Glory Fern, Adiantum Farleyense Gloriosa, 3-inch, \$1.50 per doz.; \$10 per 100; 4-inch, \$2.50 per doz.; \$20 per 100; 6-inch, \$1 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

FERNS.
Boston, 4-inch

Asplenium nidus avis (Bird's-nest fern) 4-in. pans, \$1 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2½-in. a specialty. H. Plath, Lawrence and Winthrop Aves., San Francisco, Calif.

ASPLENIUM NIDUS AVIS (Bird's-nest Fern). Good, strong, healthy plants, 4-inch pots, \$40 per 100; 5-inch pots, \$75 per 100; 6-inch pots, \$100 per 100. WM. K. HARRIS, 55th and Springfield Ave., W. Philadelphia, Pa.

FERNS, strong pot-grown stock that is clean and guaranteed to please. Boston and Whitman, 5-inch, \$25 per 100; 4-inch, \$12.50 per 100; strong runners, \$2 per 100. SUPERIOR NURSERY CO., Los Angeles, Calif.

Adiantum Croweanum, 4-in. pot stock, \$15 per 100. Ferns for dishes, out-door growth, 2½-inch, all varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Pochmann Bros. Co., Morton Grove, Ill.

Ferns, from bench, Boston, Scottii, Elegantissima, Piersoni, etc., \$12.50, \$15 and \$20 per 100. Alonzo J. Bryan, Washington, N. J.

BOSTON FERNS ready for 5-inch pots, \$16 per 100. R. O. LOMMATSCHER, R. No. 1, La Grange, Ill.

Boston Ferns, 4-inch, \$10 per 100. Cash please. Heinl & Weber, Terre Haute, Ind.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmons, Newton, N. J.

Boston Ferns, 3-inch, \$7 per 100. Cash please. Heinl & Weber, Terre Haute, Ind.

Ferns. Joseph Hancock Co., Wyncote, Pa.

GERANIUMS.

Geraniums, 3-inch plants ready for immediate shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marab, Md.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. R. Vincent, Jr. & Sons Co., White Marab, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmons, Newton, N. J.

ROSE GERANIUMS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.
 Heliotrope, 2-in., \$2 per 100. Geo. M. Ernans, Newton, N. J.

HYDRANGEAS.

Our hydrangeas grown for delivery to our customers this fall; 40,000 of them in 6-inch pots. The foliage is rich, dark green; no yellow leaves. The branches are strong and thick, promising big heads of bloom. Here are the prices: Otaksa, the staple, standard, salable sort, has made more money for florists than all others put together. Plants with 7 to 10 branches, \$25 per 100; with 5 and 6 branches, \$20 per 100; with 4 branches, \$15 per 100. The best of the French novelties, Avalanche, Bouquet Rose, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere and Radiant, in the same size at \$5 per 100 more for each size. All in 6-inch pots. Consider the size, the number of flowering branches, the price and the quality of the stock. A combination of good points that ought to bring your order by return mail. How many of these fine plants do you want? Jackson & Perkins Company, Newark, New York.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangea P. G., bush, 2-3 ft., \$8 per 100; 3-4 ft., \$12 per 100. Tree shape, 3 ft., \$18 per 100. Extra fine, two-year plants, field-grown. Write for our Wholesale Trade List.
 W. & T. SMITH CO., GENEVA, N. Y.

Hydrangeas, Otaksa and all French sorts, 4-in. pot plants, \$15 per 100; 5-in., \$20 per 100. Field-grown specimens for 8 to 10-in. tubs, 8 to 12 shoots, \$25 per 100, both in Otaksa and French varieties. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5 and 6-inch pots, strong plants, \$20 and \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

English Ivies, in 7-inch tubs, trained on trellis, 30 inches high, 18 inches diameter, \$1.25 each; also 4-inch pot plants, at \$2 per doz.; \$15 per 100. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, from frames, ready for 6-inch pots, full of fruit and flowers, \$10 per 100; big value. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley, cold storage, packed in cases of 1,000, \$17 per case; St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

MISCELLANEOUS.

Miscellaneous—Boston and Whitman ferns, 5-inch, 20c; 6-inch, 30c. Teddy, Jr., 6-inch, 25c. Whitman out of bench ready for 4 and 5-inch, 8c and 15c. Asparagus Plumosus Nanus, 4-inch, 10c. Cannas, K. Humbert, 15c; F. Vaughan, 15c; Austria, 15c; Compté de Sachs, 15c, fine field clumps. Godfrey Callas, hibernata from soil, 1 1/2c. Cash or will exchange for primulas, cyclamen, cinerarias and calceolaria. WM. OTTO, Tolleston, Ind.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ageratum, Coleus, double alyssum, English Ivy, heliotrope, ivy geraniums, lantanas, lemon verbenas, moonvines, parlor Ivy, petunias, pompon chrysanthemums, salvia, swainsona, trades-cantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Seedlings: Coreopsis Grandiflora, aquilegia, bellis perennis, hardy pinks, forget-me-nots, sweet william, wall flowers, Canterbury bells and foxglove, 35c per 100; \$2.45 per 1,000; \$10 per 5,000. William Riley, Torresdale, Pa.

MOSS.

SPHAGNUM MOSS, 12-bbl. bale, \$3; burlaped. Joe H. Paul, Box 156, Manahawkin, N. J.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Norway maples, 1-5-inch Cal. Oriental pines, 1-4-inch Cal. Pin-Oaks, 1 1/2-3-inch Cal. Write for prices. The Shrewsbury Nurseries, Eatontown, N. J.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogoto (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Single Plants.			
Leaves.	Inches high.	Each.	
4-inch pots, 5 to 6,	18	.....	\$ 0.40
6-inch pots, 6 to 7,	24	.....	1.00
6-inch pots, 6 to 7,	28 to 30	.....	1.50
6-inch pots, 6 to 7,	32 to 34	.....	2.00
7-inch pots, 6 to 7,	36	.....	3.00
8-inch tubs, 6 to 7,	38	.....	3.50
8-inch tubs, 6 to 7,	48	.....	5.00

Specimens, \$15 to \$50.
 KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins.... \$ 1.50
 7-inch pots, 3 plants in a pot, 38 ins.... 3.50
 Specimens, very heavy \$10.00 to 12.00
 KENTIA FORSTERIANA.

Single Plants.

Leaves.	Inches high.	Each.
6-inch pots, 5 to 6,	28 to 30	1.00
6-inch pots, 6 to 7,	34 to 36	1.50
6-inch pots, 6 to 7,	38 to 42	2.00
6-inch pots, 6 to 7,	44 to 46	2.25
8-inch tubs, 6 to 7,	50 to 54	5.00
8-inch tubs, 6 to 7,	5 ft.	6.00
10-inch tubs, 6 to 7,	5 to 5 1/2 ft.	8.00
10-inch tubs, 6 to 7,	6 to 6 1/2 ft.	10.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

LATANIA PALMS and PANDANUS VEITCHII, in 15-inch tubs, suitable for hotel and other decorations, at bargain prices. HENRY SMITH, Grand Rapids, Mich.

Palms, Kentias and Robelenii, worth \$5 to \$7.50 for \$4 to \$4.50. Geo. A. Kuhl, Pekin, Ill.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyucote, Pa.

PANSIES.

PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common giant mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS from Henry Mette's seeds. All giant flowering, strong, stocky plants, ready now, \$2.50 per 1,000; \$10 per 5,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS, finest mixture out; good plants, \$1 per 100; cash please. GEORGE POPP, JR., Fort Recovery, Ohio.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos H. Cunningham, Delaware, O.

Pansy Seedlings. William Riley, Torresdale, Pa.

PANDANUS.

PANDANUS VEITCHII, 3 to 5-inch pots, 25c to 75c each. Specimen plants, 8 to 10-inch pots, \$2 to \$3 each; big value. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

PEONIES, 3 to 5 eyes, named kinds, \$15 per 100. Our selection, \$10 per 100. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcxie, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

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CELESTIAL PEPPERS from 6-inch pots, field-grown, full of fruit and flowers, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

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Ten thousand Perennials, field-grown, eighteen varieties. Will exchange for 2 1/2-in. hydrangea, nursery stock, violets, canna, gladiolus or what have you; or sell for \$3 per 100. Gerstenkorn & Klumpp, R. 4, Box 128, Decatur, Ill.

PERENNIAL PLANTS, large assortment, strong plants, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

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PHLOX, Choice Varieties, \$5 per 100. Strong clumps, field-grown. Write for our wholesale trade list. W. & T. SMITH COMPANY, Geneva, N. Y.

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POINSETTIAS.		
Large Quantity, Choice Stock.		
2 1/2-inch	100	1,000
2 1/2-inch, extra select	\$5.00 45.00
2 1/2-inch, extra select	.....	6.00 50.00
3 -inch	.....	8.00 70.00

JOHN KRUCHTEN COMPANY,
 162 North Wabash Avenue, CHICAGO, ILL.

POINSETTIA HEADQUARTERS. All top cuttings, 2 1/2-in., \$4.50 per 100; \$40 per 1,000; fine stock. Extra select, \$5.50 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pians, strong, healthy, well rooted, 2 1/2-inch pot plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemoor Ave., Price Hill, Cincinnati, Ohio.

Clearance sale price of strong 2 1/2-inch, Poinsettias, \$4 per 100; 20 one-year-old plants given free with each order of 100; none better anywhere. Cash please. Heigl & Weber, 1640 Plum St., Terre Haute, Ind.

POINSETTIAS. 2 1/2-inch, 4 1/2c; 3 1/2-inch, 10c. Strong stock. Cash, please. JOY FLORAL CO., Nashville, Tenn.

POINSETTIAS, strong stock, all top cuttings from 3-in. pots, \$5-100; \$45-1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Poinsettias, strong plants, 2 1/2-inch, \$5.50 per 100; 250 for \$12.50. Vaughan's Seed Store, Chicago and New York.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS, 2 1/2-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA OBCONICA. GIGANTEA AND GRANDIFLORA. 2 1/2-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch \$6.00 per 100.

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

PRIMULA OBCONICA GRANDIFLORA and GIGANTEUM, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/2-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primroses, Chinese and Malacoides, 2 1/2-inch, \$2 per 100. Forbesil, Obconica Alha Rosea and Ruby, 2 1/2-inch, \$1.50 per 100. Oh, gigantea, 2 1/2-inch, \$2.00 per 100. Joa. H. Cunningham, Delaware, O.

PRIMULA MALACOIDES. 2 1/2-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch, \$6.00 per 100.

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

Primula obconica, mixed or separate colors, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000. Chinese Primroses, mixed, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Alonzo J. Bryan, Washington, N. J.

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PRIMULA OBCONICA. Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

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WE OFFER AMOOR RIVER PRIVET.
Each Ten 100 1,000
18-24 in., light.....10c \$0.75 \$ 3.50 \$ 30.00
2-3 ft.15c 1.00 7.50 60.00
3-4 ft., heavy.....20c 1.25 10.00 75.00
4-5 ft., heavy.....30c 1.50 12.00 100.00
Also see our ads under Spirea and Berberry. Send today for our complete price list.

AURORA NURSERIES, Aurora, Ill. Telephone 339.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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ROSE PLANTS.
Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

Per 100 Per 1,000
Pioik Killarney, 2-inch\$4.00 \$35.00
White Killarney, 2-inch 4.00 35.00
Killarney Brilliant, 2-inch..... 7.00 60.00

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ROSES, good, strong, two-year-old, field-grown, own roots or buds, for forcing. Baby Ramblers, red, pink and white; Dorothy Perkins, White Dorothy Perkins, Hiawatha, Tausendschon, Magna Charta, etc. Write for our full list, special prices, and wholesale trade list.

W. & T. SMITH COMPANY, Geneva, N. Y.

Roses, English field-grown. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1077 Mill St., Liverpool, Eng.

ROSE PLANTS, Killarney, Am. Beauty, Kaiserin, Maryland, etc., 3-inch pots, \$6 per 100; 4-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

SEEDS.

PANSY SEEDS, finest GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; ¼ oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; ¼ oz., \$3; trade packet, \$1. Common Giant Mixed, \$3 per oz.; ¼ oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmou, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

SPIREA.

SPIREAS.
WE OFFER SPIREA VAN HOUTTEL.
Each Ten 100 1,000
2-3 ft.15c \$1.00 \$7.00 \$60.00
3-4 ft.20c 1.25 8.00 75.00
Send today for our complete price list. Also see ads under Privet and Berberry.

AURORA NURSERIES, Aurora, Ill. Telephone 339.

STEVIA.

STEVIA, field-grown, large and bushy, \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

STRAWBERRIES.

PROGRESSIVE EVERBEARING STRAWBERRY PLANTS, pot-grown, \$3.50 per 100; \$30 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

SWAINSONA.

SWAINSONA, white, 4-inch, ready for benching, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Lettuce and cabbage, \$1 per 1,000. Parsley, 50c per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

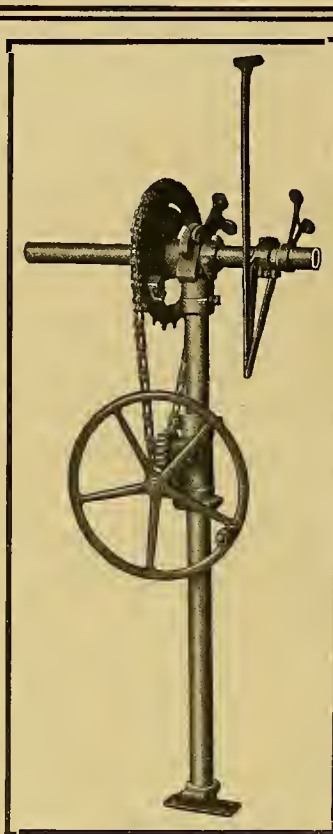
Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

VINCA VAR., rooted cuttings, \$1.25 per 100; \$10 per 1,000. Large field-grown plants, \$5 per 100. L. C. Lewis, Pontiac, Mich.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for price. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATA. Strong, splendid field-grown clumps, \$6 per 100; \$50 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.



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have a first quality reputation. All working parts are mechanically perfect and all designs of parts are neat and strong. If you need anything in the ADVANCE LINE write direct to

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VINCAS—Field-grown plants, variegata, \$4 per 100. Rooted tips, variegata, \$1 per 100; \$9 per 1,000. THE REESER PLANT CO., SPRINGFIELD, OHIO.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets, field-grown, Princess of Wales, Gov. Herrick, Marie Louise and Lady Campbell, \$5 per 100; \$45 per 1,000; 2¼-inch, Marie Louise and Lady Campbell, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Alonzo J. Bryan, Washington, N. J.

VIOLETS, Gov. Herrick, extra fine field clumps, \$5 per 100. Cash. Ship now or later. W. H. CULP & CO., Wichita, Kansas.

FOR SALE—Strong violet plants, 3-inch, Princess of Wales, \$5 per 100; \$45 per 1,000. CALVERT FLORAL CO., Lake Forest, Ill.

TO EXCHANGE.

TO EXCHANGE—Some fine extra heavy 4-inch Asparagus plumosus; extra fine 3 and 4-inch Carex Japonica; fine heavy 4-inch Boston Ferns for geranium stock, old or young plants of S. A. Nutt and Mme. Bruant. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

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SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE. 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

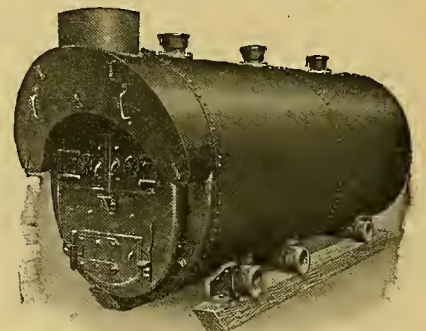
Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

“SUPERIOR” INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
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STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

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Toronto.

BUSINESS IMPROVING BUT BELOW NORMAL.

Business is on the upgrade and a little better than a year ago, but conditions are far from normal. The warm weather the past week brought roses in oversupply and a large number went out the back way. The stock for the time of year is excellent and the varieties never so complete. Russell, Hadley, Hoosier Maid, Ophelia, Shawyer, Stanley and all the older standbys can be had in quantity, and it looks as if all the growers had become cognizant of the fact that the newer varieties were most in demand. Carnations of fair quality are again plentiful and good Golden Glow chrysanthemums adorn all the show windows. No frost as yet, consequently a plentiful supply of out door varieties.

NOTES.

After an establishment of years on Yonge street, J. H. Dunlop has moved to 8-10 Adelaide street West, where he has much more commodious quarters. The store room is a revelation in white enamel with mirrored effect and everything in keeping with a first class establishment. The wholesale department occupies the second floor, where all ice boxes and benches have been placed for the expedient handling of orders. Roses predominate, and stock of very select grade is coming from the Richmond Hill greenhouses.

A new firm of rose growers are Ofield & Son, of Grimsby, Ont. Their present range contains about 100,000 square feet of glass and the entire plant is devoted to roses and chrysanthemums. They have gone in for the newer varieties, and are sending out good stock. Vegetables were formerly their line, but they think there are larger possibilities in cut flowers.

The non-arrival of the usual Belgian shipments has created a shortage of palms. Plant growers are working up large stocks of cyclamens, solanums and poinsettias to make up the shortage of azaleas for Christmas.

H. J. Mills, of Richmond Hill, has a fine crop of Russell, Ophelia and Stanley roses. The plants are in fine shape and show good promise for the coming season.

E. A. Crowhurst, of Humber Bay, is sending in quantities of his seedling white dahlia. This is a very large type of the show variety and is a true snowball.

R. Jennings, of Brampton, is sending in quantities of Golden Glow chrysanthemums. He is again shipping carnations of good quality.

Carl Grobba, of Mimico, is having quite a run on ferns. His houses are well filled with stock for the coming season.

Thos. Manton has very good late asters. Cattleyas and good general stock



AS THE SEASON ADVANCES

you want to be sure of quick service when in need of any greenhouse material. We not only promise but actually give you quick service, and can supply anything you need either for new greenhouses or repairs. 'Twenty-five years' experience.

Best Material. Reasonable Prices.

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2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO

Greenhouse Material, Greenhouse Hardware, Hotbed Sash.

Dreer's Peerless Glazing Points For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

HENRY A. DREER,
714 Chestnut Street,
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PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels and Florists' Tags.**
Letterheads and Envelopes showing special designs for florists.


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542 S. Dearborn St., Chicago.

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keep his stand at the market well supplied.

H. G. D.

DQBBS FERRY, N. Y.—Michael Duffy, gardener employed by the Lorena Land Co., was found mysteriously murdered here, September 19. He leaves a wife and six children who reside at Tarrytown.



Vaughan's Raffia

imported by us
direct from

Madagascar

We offer two grades both good value, viz.

	Price per pound.		
	lbs. 25	lbs. 100	lbs. Bale
REGULAR.....	17c	15c	12½c 10½c
FLORISTS' SPECIAL.....	19c	17c	13½c 11½c

Vaughan's Seed Store
NEW YORK CHICAGO

Wired Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by

W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

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THOSE who contemplate the erection of new Greenhouses, or improvements to their present plant, should investigate the reasons why Garland Service is without par.

Experience

We operated greenhouses many years before we started to build them. Every Garland house must qualify to the standard which experience shows us is correct.

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Our claim to having the most complete equipment is substantiated by facts. We are the only concern in this field operating its own FOUNDRY, MACHINE SHOP and WOOD MILL.

You will find it worth while to always get our figures on all your requirements.

Write us any time.

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Unequaled for greenhouse and landscape fertilizing.

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32 UNION STOCK YARDS, CHICAGO



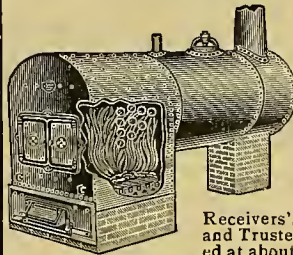
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SAVE 50%
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High Grade
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Our tremendous stocks purchased for cash from

Receivers, Liquidators and Trustees are secured at about one-half the

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You also benefit by our free engineering service. Our 23 years of experience are at your disposal free. Have our experts furnish plans and designs for your heating problems. Take advantage of the great savings made possible by this free expert service.

Our \$10,000,000.00 capital and reputation for honest and dependable dealing back every transaction. Tell us your needs. Get our incomparable low prices. Write for our big

Free Price Wrecker Heating Catalog No. 47.

CHICAGO HOUSE WRECKER CO.,
W. 35th and Iron Sts., CHICAGO

Note: 4-in boiler tubes at a bargain.

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Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. Tile bottoms furnished anywhere in carload or less quantities.

Write today for circular.

CAMP CONDUIT CO., Cleveland, O.

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Hundreds of Florists have been convinced that we could save them

25% on Pipe and Fittings

Send us your list today and be convinced that we are giving you facts.

ILLINOIS PIPE & MFG. CO.

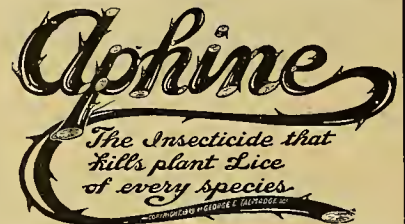
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Everything for the Greenhouse J. C. MONINGER COMPANY,

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The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
Quart, 75c. Gallon, \$2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angle worms.
Quart, \$1.00. Gallon, \$3.00.

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A scalicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
Quart, 75c. Gallon, \$1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
Quart, \$1.50. Gallon, \$4.50.

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CHICAGO AND NEW YORK, OCTOBER 9, 1915.

No. 1427

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Suggestions for Plant Growers.

Hydrangeas.

The hydrangea plants in the field should be now potted and made ready for winter quarters. If the plants have still a strong succulent growth they can be left standing out where the wood will be given a chance to ripen off. After potting they should be given a good watering that the soil may be settled around the roots, but after that the plants should be sparingly watered. The main object at this time is to harden the plants off and ripen them up. Never mind if the foliage wilts to some extent, for it is desirable that this should all drop off before storing away for the winter. A few frosts will be of benefit, but as the weather is uncertain they should be placed in a position where they can be conveniently covered and protected from a severe freeze. While it is desirous to harden up the wood and plump up the flowering bud, yet too hard a freeze will kill the bud. As soon as well ripened they should be placed in cool quarters where they will remain dormant until it is time to start them.

Bouvardias.

As the weather becomes cooler the pinching back of bouvardias should cease and the flowering shoots be allowed to grow. The plants should be well established in the bench or pots and making good growth. Give them a cool, light situation and with all the ventilation possible; these plants are of cool nature and relish plenty of good fresh air. If grown too warm, bouvardia soon becomes infested with insects and stops flowering, and the plants are quickly ruined. Keep the soil free from weeds and well stirred on the surface, and be careful not to overwater until the roots have filled the soil. Keep a lookout for both aphids and red spider; the aphids quickly cover the soft, tender growths, and if the weather is warm the plants become quickly infested with spider. Constant syringing and frequent fumigation is neces-

sary to keep these pests in check and insure a good crop of flowers. Keep the plants tied up in shape that the stems may be straight and erect.

Early Firing.

"Economy is wealth." This maxim has been drilled into the young for generations, but false economy is waste. And to put off starting the fires until all the plants have cold feet, and have received a check that is going to take them two or three months from which to recover is false economy. As soon as the temperature in the house drops below the point at which it should be maintained, it well pays to start the fires. Many nights at this time of the year at 8 o'clock the temperature outside will be above 60°, but by morning it has dropped to 40°, and if the houses are closed the glass will be covered with moisture, the house cold and damp. This condition is not at all conducive to good growth, and gives the plant a check from which it often takes it some time to recover. It is far better and a money-making proposition to have the fires going and the proper temperatures maintained. The small expense of a little coal burned and the few weeks' wages of a night foreman that are necessary will be more than made up in the excellence of the crop. At this season of the year there will occur cold, stormy days when a little heat will be necessary to keep up the growing temperature all day. This is the time to look over all the piping and see if the boilers are working right. If steam heat is used see that none of the pipes have dropped from their fastenings and have made pockets in the circulation. If this has happened, fasten them up and straighten out the flows. Turn on the valves and see if they leak, and if they do repack them; in fact, it is good policy to repack all valves every fall, whether they actually need it or not, for they will require it before the winter is over. This early firing will also

give the opportunity to spread sulphur and nicotine extracts on the pipes and keep the insects and mildew from getting a foothold. Looking at this question from all sides, early firing is an economical proposition and should not be neglected.

Cannas.

As soon as the frost kills the cannas, preparations should be made for the storing of the stock plants for next year. The tops should be cut off about six inches above the ground and removed from the field and not left lying around to attract cut worm millers. The roots should be dug and each variety should be carefully kept separate so that there will be no chance of their being mixed another season. Unless the weather is very severe they can be allowed to dry off a little before being housed, but if there is any chance of the night temperature dropping below the freezing point it is much better to get them under safe covering at once. Under a bench in a cool house is one of the best places to keep them during the winter months, but if the soil under the bench is inclined to be moist, boards should be placed running lengthwise of the bench and the canna roots placed upon these. They must, however, be looked over occasionally to see that they do not run too dry, for there is just as much danger of losing the plants by their drying up as there is by their rotting from an excess of moisture. In placing the clumps under the bench set each variety by itself and leave space enough between it and another variety that it will be impossible, no matter what may happen, for them to get mixed. Mark each variety with a label, written plainly and in full. It takes but a few seconds longer to write the name in full and abbreviations are to be deprecated; we have known cases where the man who always does things in a hurry to abbreviate the name so short that when he tried to read them six months later he could not make out what name he intended to write. This is often a case where "haste makes waste." Attach the labels in such a manner that they will not become misplaced or lost.

Cleaning Up After Frost.

Every spring, from all sections of the country, come reports of the great amount of damage being done by cut worms in the fields of many growers, and as they are very difficult to combat in the open ground, a great loss is consequently the result. While the cut worms are unsuccessfully fought in the spring, they can be overcome by a little labor spent in the fall. The moths lay their eggs in the fall on any vegetation that is left, either weeds or the refuse of the crops that is allowed to remain on the ground either standing or lying around. It is therefore clearly understood that the best thing to do is to clean up the field of all vegetation and burn it up or cover it with soil and make manure of it, and then plow the ground and turn under any small weeds that might harbor the eggs. Deep fall plowing pays anyway in the crop for the succeeding year, improving the soil, and if this small amount of work will get rid of the cut worms it will amply repay for all the labor and expense. Many use this old rubbish for the covering of tender stock, but leaves and straw are far preferable for this purpose. The vegetation that is left after being

killed by the frost is too full of water and will lie too close, and after the fall rains, will make too compact a mass upon the plants which it is intended they should protect, and as the freezing weather comes on become a solid mass of ice. It is much better to put all this rubbish in a compost pile and cover it with earth. The fermentation will kill all the insects and their eggs, and it will make fine manure for pot culture, or if this is not done dry it out thoroughly and burn it. The appearance of the ground will be improved, the soil benefited and the worms killed by giving the field a thorough cleaning and plowing.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Daily Routine.

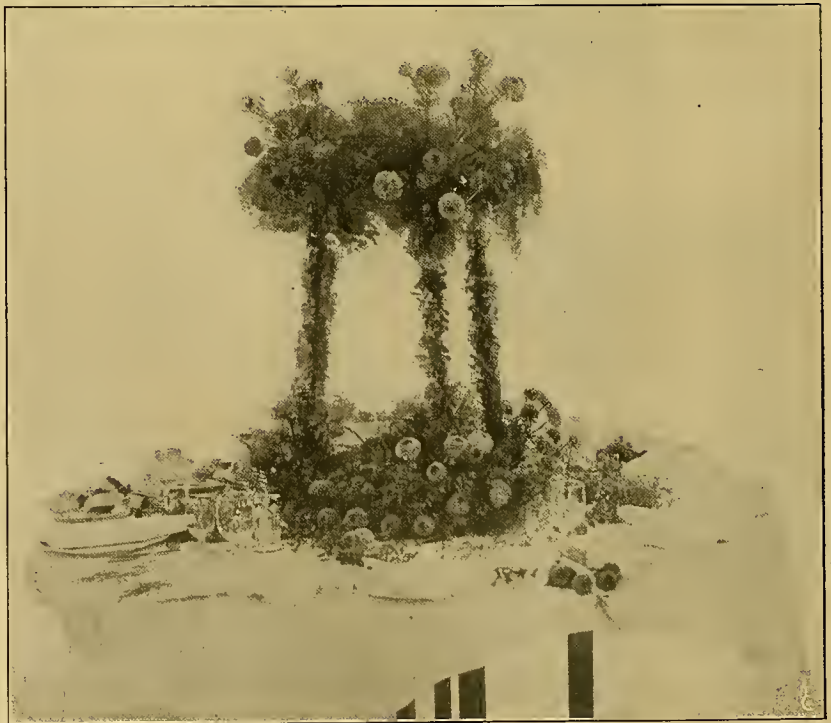
With the opening of the store the day commences, and will, too often, be in many respects, like those which have gone before. In many cases the work done is without system; some doing one thing one day and another the next. Early orders and the rush to get them out often interferes with the routine, and the day is half gone before the store is put to rights. After the early orders, if any, are out of the way, the water in the jars of the flower case or refrigerator is changed, the stock looked over and straightened out, and bad leaves and petals removed. When everything is returned to the case, it will be readily seen if the stock needs replenishing. All the passe stock should be put out of sight to be worked up if not too far gone, in designs.

Flowers must never be crowded together in a vase; there should always be enough vases on hand to allow for the proper handling of the stock. In the arrangement of the case, there should be sufficient room to allow of

the removal or replacing of vases at any time without danger of damaging flowers in others. Carnations, roses and other flowers snap off on the slightest provocation and the cost of stock damaged in this way in crowded boxes during the course of a season is an important item, which would be reduced to a minimum by care in this respect. As far as possible when flowers are being made ready for the vases in the case, their heads should be laid evenly together, and the few straggly, long stems cut off even with the majority. These, when placed in the vase, present a neat, orderly appearance and are less liable to be damaged.

If the case is large enough, roses should have a section, carnations another, bulbous stock kept together, etc. In this way the box will present a much more attractive appearance than when the stock is mixed promiscuously. If possible have the vases in the various sizes all alike in color and pattern, as the display is then made much more effective. Painted or enameled fibre, glass, terra cotta or zinc-lined basket vases are all good. Some suit one situation better than another, depending on the decorations of the store and the roominess of the case.

With the case finished, a general clean up and arrangement of the vases of flowers and plants about the store is in order. All this work should be completed before nine o'clock, when the customers begin to make their appearance. At times when business slows up, the many little things that need doing should be attended to. Baskets and vases on the shelves soon get dusty and need continual looking after. They should all be gone over at least once a week. In the large department stores the first half hour of each day is given to dusting off stock and shelves by those in charge of the counters, and a force of scrub women go over the floors every night.



AMERICAN DAHLIA SOCIETY'S NEW YORK SHOW.
First Prize Table Decoration By Alfred Kottmiller, New York

There should be a method in dividing the force at the lunch hour, as a rush of business sometimes develops, which, with the store full of customers and phone bells ringing, a limited few, have a hard time in handling. Busy days come along when everybody is on the jump from start to finish; it is then that system and being prepared by having everything in order, and plenty of staple stock on hand, makes things run smoothly. Finding at the last minute that one is out of this or that staple is most annoying and causes vexatious and sometimes costly delays, that could have been avoided by a little foresight. When the lull comes is the time to get ready for the busy day, that the most can be gotten out of it. In many stores the early morning work described above, such as cleaning the flower case and vases is done at the close of business, thus moving the work of the next that far ahead. System saves labor, cuts the work almost in half; the head of a successful store is always a man of system and his daily routine has been gone over and over and tried out, until each hour of the day is so planned that little is left undone when the hour for closing arrives.

The man who will look over the mistakes of yesterday and determine not to make the same today, who will take up one department of his business and improve it, and give the same careful thought to another, will soon work out a system that will change the whole routine and give an impetus to his business that will produce surprising results. K.

The McNeff-Swenson Co., Chicago.

The McNeff-Swenson Company has just moved into new quarters in the Transportation building, 608 South Dearborn street, Chicago, in the center of the printing industry, which enables them to get out their work in the shortest time possible. This firm is well and favorably known to the trade for it has been supplying many of the leading florists throughout the country with expert floral publicity in the shape of folders, etc. They have a colored folder design for all important occasions of the year where flowers are used and are now ready to mail samples of those pertaining to chrysanthemums, fall openings, fall announcements, fall flowers, Hallowe'en, November flowers, weddings, etc. L. D. McNeff, president of the McNeff-Swenson Co., calls attention to the fact that they only supply one florist in each city with their special service where several of the folders are contracted for and that while there is considerable territory open, new contracts are being closed each day and he is looking forward to the time when his firm will supply a florist in all the important towns in the United States and Canada with their business-building productions.

BLOOMFIELD, N. J.—J. J. Brozat, florist, 554 Bloomfield avenue, is recovering from an illness of several weeks, and expects to be about again shortly.

AMHERST, MASS.—At the first meeting of the year of the Massachusetts Agricultural College Florists' and Gardeners' Club, held September 30, the following officers were elected: C. E. Wildon, Melrose, president; H. H. Walkden, Westford, vice-president; Miss E. H. Chase, Holden, secretary-treasurer.



URN EXHIBITED AT THE MINNESOTA STATE FAIR.

By the Minneapolis Floral Co.

THE ROSE.

Early Fall Preparations.

An unusually warm period of weather for the middle of September has had rather a bad effect on the indoor stock; coming as it did after the cool weather of the first of the month, it has softened up the growth considerably, and reduced the size of the blooms also. At the same time, the weather has been suitable for painting outside and for other outside work such as mowing down the weeds, turning the manure and hauling sod for the winter's potting. The growers should not neglect to prepare some good compost for potting, using some good stiff sod soil, stacked up in layers with some good grain fed cow manure, fresh manure being good for this purpose, using about one-third manure to two-thirds soil, adding some ground bone to each layer of sod, mixed with some of the loose soil. The pile should be cut down about three weeks after composting and piled up again in a manner to shed the rain. Then turn again about three weeks later and if possible store it then, where it can be kept

perfectly dry, and where it can be gotten out in good shape to work in any weather. We would also suggest protecting considerable manure from the weather for mulching and potting purposes.

The most important work indoors at this time is the tying and pinching or disbudding. The grower must bear in mind that during the months of October and November or during the height of the "trim" season, that there will be only a light demand for roses and to shape the cut with this in view. Very often this gives one the opportunity to get good size and vigorous growth on the plants, enabling them to produce profusely during the winter months when the prices are advanced, and even if the plants are well developed at this time, either old or young stock, care in the pinching, thinning, and disbudding, will be time well spent, not forgetting to tie, tie, tie, at every opportunity. Keep all of the foliage affected with black spot carefully picked off, and do not have the foliage wet at sundown. Syringe early and be sure to keep the walks in the American Beauty houses dry and everything clean as stated in our last

article. Keep the air slaked lime sprinkled around freely; it is an inexpensive article considering the amount of good it does. One can also go back to the sulphur gun again until the cool nights come, then the sulphur pot and brush will take care of the mildew.

A few words in reference to some of the newer roses. Ophelia, though not grown so extensively in the east last season, has been planted generally this season and is looking good where seen. Russell, although not new, has been handled in small quantities south of Philadelphia, and has been more or less disappointing as a grower and producer. More of the popular variety is being grown from year to year with better results it seems, and it sure is a good one if one can do it well. Hadley has a number of favorites and is making friends right along and we are learning a little more about them all gradually. We found Prince E. C. De Arenberg a "corking" good red last season, beating Richmond as an early fall red, and also holding up good in the spring and early summer. It also seems to carry over good. There are many more varieties one could mention that are making good and that are still being experimented with and these we will try to mention later. The tendency, it seems, is to grow many more varieties these days, which after all, may be the right "dope," as evidently there has been an over-production of the Killarney type, and it has been a good thing, but even the good and grand old favorites must make room for varieties showing not nearly the class of the Killarneys, yet different. The public craves a change and it's up to the rose grower to see that this craving is taken care of in the rose line—and I think we are all doing our best. E.

CHRYSANTHEMUMS

Specimen Plants for Exhibition.

There is a lot of work still to be done on these large specimen plants to finish them up in the best possible condition ready for the shows. Many of the varieties are now budding, which means that the wood is also hardening up, and to be able to get them in shape as first class specimens, all the training and tying out of the branches should be finished up without delay, so as to give the plants plenty of time to shape themselves before the time comes to send them to the exhibition. There is not any set rule as to how these plants should be trained; it depends altogether on the condition of the plants and the aim of the gardener in charge of them. Growing chrysanthemum plants into large specimens requires the grower's personal study, and as one prominent chrysanthemum expert expresses it, "It is more than just growing a plant; it is the highest art of horticulture." Not every gardener has the facilities, or whose employer is willing or has the ambition for his gardener to undertake and give the necessary time to grow specimen chrysanthemum plants 14 feet or more in diameter, as featured in the excellent paper on this subject read at the annual meeting of the Chrysanthemum Society of America at Indianapolis, Ind., November 7, 1914. Every gardener who has the ambition to grow large specimens cannot start out better than becoming a member of the Chrysanthemum Society of America and get a copy of its last annual report containing this valuable article, worth many times more than the annual dues.

But to get back to our subject, the training of the plants is done mostly with wire rings and wire cross wires supported by wire stakes throughout the plant, the shoots being held in place by strong green thread. Smaller specimens are not trained out as formal, but are allowed to remain more natural with a wire stake at the center and some others throughout plant, and the shoots strung out with the thread the same as the larger plants, but whichever method is adopted, it should be done before the buds are very far developed so that the plant will not have to be worked over after it is well budded up.

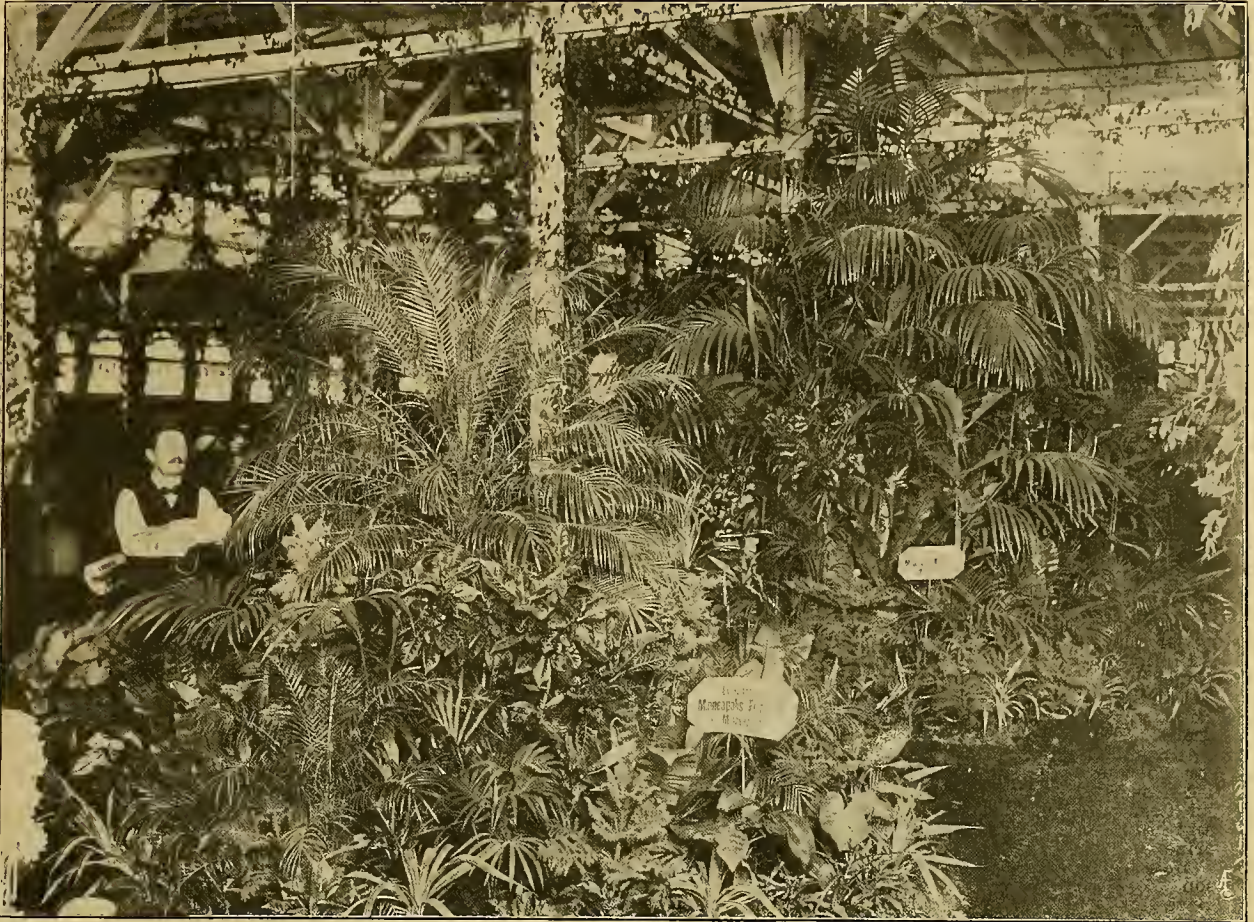
Disbudding is another part of the work which is very important and should be attended to as soon as the buds are large enough to safely handle. The most beautiful specimens are those with large flowers true to form and color, and the only way to get the large flowers is to attend to the disbudding on time. Do not allow the plant to be overburdened with flowers and consequently small in size, but let the chief aim be—fewer in number, but higher in quality. Plenty of space for each individual plant is very essential to the well being and finishing up of these specimens; crowding them together so that the air cannot circulate well around each plant will cause the lower foliage to quickly go bad.

The watering of the plants, particularly at this time, calls for the closest caution. They take up lots of water, but it is a very easy matter to over-water them, and as the soil gets too much water the roots commence to go bad. They should be well watered when necessary and allowed to dry out well before watering again. Give plenty of fresh air on every favorable occasion, both day and night.



MINNEAPOLIS FLORISTS' CLUB DISPLAY AT THE MINNESOTA STATE FAIR.

Winner of the Silver Cup. W. D. Desmond, Designer.



PRIZE GROUP OF PLANTS AT THE MINNESOTA STATE FAIR.

Exhibition of the Minneapolis Floral Co., Minneapolis, Minn.

While the plants are in a healthy, growing condition, liquid manure applied twice a week is very beneficial, but unless the plants are in the best of health, liquid manure may be real harmful, causing them to lose their leaves and become sickly. Get after the insects before they have a chance to get the upperhand, and the only way to do this is by attending regularly to the fumigating.

C. W. JOHNSON.

Connecticut Horticultural Society.

This society held its annual dahlia show September 22-23, in Unity hall, Hartford. The entries were larger than usual this year, and the dimensions of the hall were hardly equal to the occasion, some of the exhibits having to be staged near the entrance on improvised tables. However, under the direction of Vice-President G. H. Hollister, who acted as superintendent of the exhibition, the arrangement was perfect and unequivocally proved to be the best dahlia exhibition ever held in the city of Hartford.

John F. Huss, superintendent for Mrs. James J. Goodwin, decorated the stage, for which he received the prize for the exhibit of most general merit. From New Haven, we had as exhibitors, Alfred E. Doty and John H. Slocombe; from West Haven, C. Louis Alling; and from Taunton, Mass., the pioneer dahlia grower, Henry F. Burt. There were also a number of growers for private estates around Hartford, among whom might be mentioned Niel Nelson and Nathaniel Slocombe,

the latter of Farmington. The vegetable exhibit was unusually fine, John F. Huss carrying off first money for the largest display. There was also a fine display of fruit, Warren S. Mason, of Farmington, having things his own way in this department of the exhibition, and also in the best display of perennials, carrying off Knight & Struck Co.'s silver cup, valued at \$25.

AWARDS.

Show, 18 blooms, 18 named varieties—Niel Nelson, Hartford.
 Show, 12 blooms, 12 named varieties—C. Louis Alling, West Haven, first; Niel Nelson, second.
 Cactus, 18 blooms, 18 named varieties—John F. Huss.
 Cactus, 12 blooms, 12 named varieties—C. Louis Alling, first; John F. Huss, second.
 Fancy, 12 blooms, 12 named varieties—Niel Nelson, first; Henry F. Burt, Taunton, Mass., second.
 Fancy, 6 blooms, 6 named varieties—Niel Nelson, first; H. F. Burt, second.
 Decorative, 12 blooms, 12 named varieties—C. Louis Alling, first; Niel Nelson, second.
 Decorative, 6 blooms, 6 named varieties—Niel Nelson, first; C. Louis Alling, second.
 Single, 12 vases, 3 blooms each—Nathaniel Slocombe, Farmington, first; H. F. Burt, second.
 Single, 6 vases, 3 blooms each—Warren S. Mason, first; H. F. Burt, second.
 Peony, 12 vases, 2 blooms each—John F. Huss, first.
 Peony, 6 vases, 2 blooms each—C. Louis Alling, first; John F. Huss, second.
 Pompon, 12 vases, 3 blooms each—C. Louis Alling, first; H. F. Burt, second.
 Pompon, 6 vases, 3 blooms each—C. Louis Alling, first; H. F. Burt, second.
 Best 50 varieties, 1 bloom each, distinct varieties—Alfred E. Doty, New Haven, first; C. Louis Alling, second.
 Best 25 varieties, 1 bloom each, distinct varieties—N. Slocombe, first.
 Best collection, show—Alfred E. Doty.
 Best collection, decorative—C. Louis Alling, first; Niel Nelson, second.
 Best collection, cactus—Niel Nelson, first; Alfred E. Doty, second.

Best collection, pompon—Niel Nelson, first; H. F. Burt, second.
 Best collection, fancy—Niel Nelson, first; C. Louis Alling, second.
 Best collection, peony—C. Louis Alling, first; John F. Huss, second.
 Best collection, collarette—John F. Huss, first; H. F. Burt, second.
 Best vase of any one variety, 25 blooms—N. Slocombe, first; Niel Nelson, second.
 Best collection seedling dahlias—John H. Slocombe, first; Niel Nelson, second.
 Best floral piece of dahlias—Niel Nelson.
 Best specimen seedling dahlia—John H. Slocombe, first; Niel Nelson, second.
 Special. Largest blooms of any variety—Warren S. Mason, first; Alfred E. Doty, second.
 Best vase of 12 blooms, 1 variety—Alfred E. Doty, first; C. Louis Alling, second.
 Open to All.
 Best display of dahlias without regard to color or classification, distinct varieties—John F. Huss.
 Best vase gladioli, 12 spikes—The East Hartford Dahlia Gardens, East Hartford, first; A. Righenzi, second.
 Best 6 vases gladioli, 6 spikes, each named varieties—East Hartford Dahlia Gardens, first; H. L. Metcalfe, second.
 Best vase of cosmos—N. Slocombe, first; John F. Huss, second.
 Best collection snapdragon—Niel Nelson.
 Best 6 vases asters, 12 blooms each, distinct varieties—Warren S. Mason, first; A. Righenzi, second.
 Best vase of asters, 25 blooms, 1 variety—Niel Nelson, first; H. L. Metcalfe, second.
 Best collection of asters, 25 blooms each variety—A. Righenzi, first.
 Best display of fruit—Warren S. Mason, first; C. D. Wisner, second.
 Best collection vegetables—John F. Huss, first; Warren S. Mason, second.
 Special. Exhibit of most general merit—John F. Huss.
 Stump & Walter Co., New York, silver cup for best display of annuals—John F. Huss.
 Knight & Struck Co., New York, silver cup, valued \$25, for best display of perennials—Warren S. Mason.
 Joseph Bree & Son, Boston, prize for best 10 varieties vegetables—Warren S. Mason, first; John F. Huss, second; A. Righenzi, third.
 ALFRED DIXON, Sec'y.

Lancaster County Florists' Club.

This club supervised the floral exhibit for the fair association this season, featuring dahlias as its part of the exhibit. The McCallum Co. of Pittsburgh, Pa., S. S. Pennock-Meehan Co. and H. F. Michell Co., Inc., of Philadelphia, Pa., all sent liberal displays of dahlias, and the latter company sent an assortment of phloxes and other perennials that were much admired. It was due to these firms that the club was enabled to fill the space assigned in the artistic manner it did. The table was 80 feet long by eight feet wide with a raised table of about 18 inches in width and that height from the lower table. This was decorated with wild smilax by I. Landis and Thomas Fries, the festoons and stringers making a handsome table for staging the dahlias. B. F. Barr added a few palms to add height and a very handsome basket of gladioli and chrysanthemums for the center of it. Frank Suter, being the only one who grows dahlias as a commercial cut flower in this vicinity, made the best local exhibit, and H. D. Rohrer had a very good collection. A. F. Strickler had some mixed bowls of short stemmed flowers.

In the amateur class David Rour staged a fine collection and secured all of the prizes for this section. Adam Felsing staged the best flowers of the show simply for exhibition, as he, while not a florist, acts as an agent for dahlias.

Frank Suter captured the cash prize for florists with the largest collection, and the silver cup for sweepstake prize.

Master Edward E. Rohrer, a grandson of H. D. Rohrer, captured first prize for three handsome baskets of straw flowers grown and arranged by himself.

The judge was S. S. Pennock of the S. S. Pennock-Meehan Co., and after we left the dahlia section, it was almost a picnic for a florist to see what won prizes. Brides' bouquets, tied with a string, and composed of snapdragons and white ageratum; hand bouquets made of a bunch of anemones, also tied with a string; plateaus, consisting of an agate dishpan filled with short stemmed flowers as flat as the proverbial pancake, and so on ad infinitum. In competition with the B. F. Barr Co.'s handsome basket was a design made of marigolds in a frame two inches deep and 16 by 16 inches in size. This was made up by using different colors in the style of a patchwork quilt, and the wording of the schedule compelled it to have first prize and the basket second. This sort of thing we hope to be able to eliminate by another year if the fair officials appreciate our efforts this season enough to let us have a real hand in running the flower end of the fair.

ALBERT M. HERR.

Holyoke and Northampton Florists' Club.

The third annual flower show under the auspices of the Holyoke and Northampton Florists' and Gardeners' Club, will be held in Windsor hall, Holyoke, November 3-4. An especially good premium list has been arranged and liberal prizes will be awarded in nearly 50 classes. Premiums are offered in several classes for nursery stock, fruits and vegetables, in addition to the plant and cut flower competition, the main feature of the exhibition.

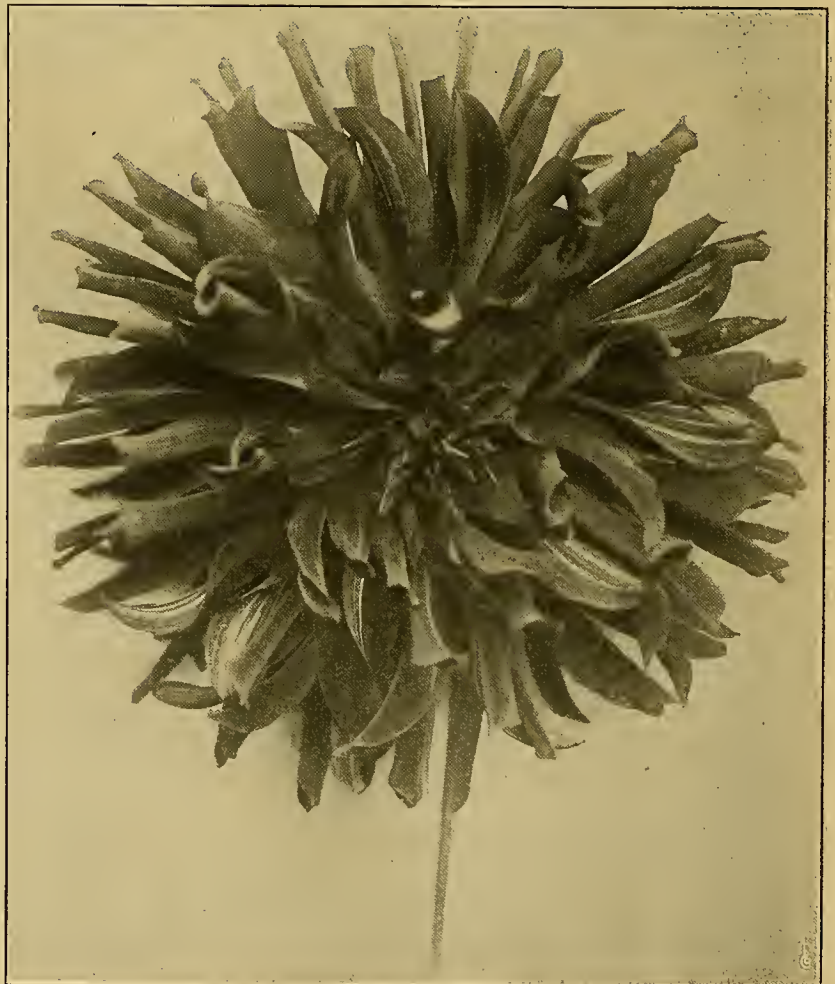
CAMBRIDGE, MASS.—The city has purchased the Doyle Greenhouses, which have been operated by James Delay, and will build a hospital on the property.

Indiana State Florists.

The monthly meeting of the State Florists' Association of Indiana was held at Anderson, October 5, with a good attendance. The business meeting was held in the auditorium of the city library. The discussions were lively and most interesting. After the meeting the association adjourned to the First M. E. church, where a bountiful banquet was served. J. S. Stuart acted as toastmaster and was followed by several of the members present in timely addresses on trade topics and business conditions. The visitors after auto rides to the greenhouses of the city expressed their hearty thanks to the florists of Anderson and left for home with the assurance that they had been participants in a highly instructive meeting where business relations had been strengthened and friendships renewed. Those in attendance were as follows:

Benj. F. Alford, Anderson.
Eugene Allen, Anderson.
Emory Baker, Muncie.
A. F. J. Baur, Indianapolis.
Irvin Bertermann, Indianapolis.
W. C. Beyersdorfer, Anderson.
W. K. Bradley, Elwood.
W. A. Breneke, New Castle.
Ed. Burbrink, Anderson.
Claude C. Clark, Muncie.
L. A. Coles, Kokomo.
W. W. Coles, Kokomo.
Carl L. Culbertson, Richmond.
K. W. Custis, Anderson.
Jacob Eitel, Greencastle.
L. S. Elder, Indianapolis.
Geo. Essmaker, Richmond.
John A. Evans, Richmond.
W. H. Fisher, Anderson.
P. J. Foley, Chicago.
Wm. H. Gardener, New Castle.
M. E. Goode, Alexandria.

Elsie Mae Gordon, Anderson.
Ed. Grande, Indianapolis.
J. A. Grande, Indianapolis.
John L. Grande, Indianapolis.
John Grande, Sr., Indianapolis.
John Hartje, Indianapolis.
J. A. E. Haugh, Anderson.
Fred G. Heintz, Terre Haute.
Jos. E. Hennings, Anderson.
B. F. Hensley, Knightstown.
Jos. H. Hill, Richmond.
E. M. Hyatt, Anderson.
H. Junge, Indianapolis.
R. W. Kircher, Fairmount.
B. H. Klus, Anderson.
Wm. Klus, Anderson.
F. J. Knecht, Ft. Wayne.
Herman J. Leitz, New Haven.
D. W. Leathermann, Anderson.
Melvin McElroy, Anderson.
R. A. McKeand, Marion.
Morris Marer, Indianapolis.
H. O. Meikel, Frankfort.
Peter Morgen, Huntingburg.
F. L. Morris, Bloomington.
F. E. Neal, Anderson.
Gideon W. Neff, Richmond.
E. A. Nelson, Indianapolis.
Geo. Pastor, Huntington.
R. M. Pettit, Anderson.
C. A. Randall, Indianapolis.
S. A. Richison, Muncie.
Frank Rieman, Indianapolis.
August Rieman, Indianapolis.
Fred Rienon, Indianapolis.
Edward Rittman, Anderson.
Raymond Rose, Anderson.
F. A. Schreiber, Indianapolis.
Ben Schroeder, Richmond.
L. C. Smith, Marion.
Warren Smith, Anderson.
Harry Stegkamper, Muncie.
H. E. Stein, Richmond.
O. E. Steinkamp, Indianapolis.
C. Stradeline, Muncie.
J. S. Stuart, Anderson.
Wm. Terrell, Warsaw.
J. T. Turner, Rushville.
W. J. Vesey, Jr., Ft. Wayne.
A. J. Wagoner, Columbia City.
Rowland Webb, Muncie.
Harry White, North Manchester.
Chas. Williams, Anderson.



NEW CACTUS DAHLIA GEORGE L. STILLMAN.

Boston:**GENERAL SHORTAGE EXISTS.**

The market this week took a decided change for the better. There was a general shortage of every line of stock. Gladioli and asters are practically done for this season, and as chrysanthemums have not become plentiful as yet, carnations and roses took the lead. The prices on roses were very satisfactory for the season. Nearly every variety found a good demand at from \$2 per 100 up. American Beauties moved at from \$4 to \$35. Carnations also jumped in price the last of the week, \$3 per 100 being easy to get for average flowers. In a few instances even \$4 per 100 was obtained, the heaviest demand being for white varieties. Chrysanthemums Golden Glow, October Frost, Smith's Advance and Unaka have made their appearance. The demand for these is fair, prices being \$1.50 per dozen on good stock. Lily of the valley is coming along good and sells very well at \$3 to \$3.50 per 100. The plant trade is becoming stronger. ferns, crotons and cyclamens being in demand.

NOTES.

The fruit and vegetable exhibition was held at Horticultural hall, October 2-3. The show was a success, both halls being utilized. It was very noticeable that the fruits, apples especially, were much better than have been shown for some time.

The new howling league will have its first meeting Thursday, October 7. The Boston Co-operative Flower Market team will bowl Henry M. Robinson Co.'s team; the Boston Flower Exchange vs. Carbone, and Thos. F. Galvin, Inc., vs. Penn.

R. E. Wadsworth Co., of Westboro, are cutting some very fine carnations. Pocahontas, Alice, Pink Delight and Matchless were noted as being extra good. They will have a large crop of chrysanthemums and pompons within a short time.

Patrick Welch reports a good increase in the volume of business. It is very noticeable that the stock in his store always is very fine. American Beauties were noted this week as being extra good quality.

John McFarland, of North Easton, has given Henry M. Robinson Co. the privilege of handling his entire cut during the coming year. His lily of the valley is looking very fine at present.

At a meeting of the board of directors of the Boston Flower Exchange, September 27, a dividend of 15 per cent was declared for the past year.

Andrew Christensen, of Woburn, is in the market with carnations. He still has confidence in Queen, of which he still grows a large quantity.

F. L. W.

Pittsburgh.**SUPPLY OF STOCK SHORT.**

The market affords very little in the way of a variety of flowers to choose from at present, the only offerings being roses, American Beauties, dahlias and a few carnations and lilies, but roses are on the long end. Asters and gladioli are out of sight these days, and as the new crop carnations have not started blooming to any extent one has a hard job in finding staple flowers which he must have. Cool weather continues to be with us, and a rainy season can be looked for in the near future. A good frost last week nipped all the outside flowers around this territory, and it will not be long until it gets the dahlias down in New Jersey, the source of practically all the dahlias that are used in Pittsburgh. Chrysanthemums are coming in day by day, just a few at a time, Golden Glow, Smith's Advance and October Frost being the first ones. We may look for ship-



NEW CACTUS DAHLIA GEORGE L. STILLMAN.

ments of violets soon, but hope they will receive better treatment than they did last year.

NOTES.

The event of the week was a mammoth funeral job by Mrs. E. A. Williams for the Fleming funeral, consisting of a large blanket of solid orchids, also a massive cross of orchids and lily of the valley. These two pieces required 500 cattleyas and 1,500 lily of the valley alone, besides numerous bunches and wreaths of other flowers. Five hundred American Beauties were also used in sprays and vases. The entire force was compelled to work 36 hours, from Thursday morning to Friday evening, and Mr. Higgins tells us that the work sailed along with the "exactness and consistency of a twin-six Packard."

Walter Smith, formerly with J. S. Hennon & Sons, of Beaver Falls, is now in the employ of G. P. Weaklen Co. of South Highland avenue.

George McCallum is on the road selling florists' supplies in company with Ross Adgate, McCallum Co.'s traveling representative.

Ray Page, auditor of the Pittsburgh Cut Flower Co., is laid up in bed with a bad case of heart trouble.

The retail business of C. H. Cramer, Uniontown, has been closed, owing to bankruptcy proceedings. G. M.

St. Louis.

The closing week of the month was very dull. The counters of the wholesalers were filled. Asters seem to be about at an end, but a few gladioli are still seen. Carnations are plentiful, being hurt to a considerable extent by the warm weather. Roses are coming in good and bring fairly good prices when the stock is good. American Beauty roses are not so plentiful. Greens of all kinds are coming in.

NOTES.

Bob Newcomb, of the W. W. Barnard Co., Chicago, stopped over in this city on his return from San Francisco. He reports trade good and enjoyed two weeks' vacation with his parents, who live in southern California.

The Grand Leader Dry Goods Emporium had sales October 2, selling 2,000 cut dahlias from the national show gardens of Spencer, Ind., at 25 cents per dozen. Orders for different varieties of bulbs were also taken.

Paddy Patton, of the Wm. C. Smith Wholesale Floral Co., is the king's jester. He is full of jokes, and when trade is dull we get the best and most original of them. He also has the honor of being a "southpaw."

A. Jablonsky, of Olivette, motored in the first of this week with a fine

batch of white and pink carnations. This is good stock and brings top prices.

Mrs. Elizabeth Kerber, who is a florist, won the prize for taking the largest number to Kirkwood in one vehicle, taking 75 persons from her home on Denny road.

At the Wandler Wholesale Floral Co. some very choice double tuberose stalks were seen, as well as a good supply in roses and carnations.

C. E. DeWeaver, who was reported sick and in a sanatorium, is, we are glad to state, out again and apparently as spry as ever.

Adolph Brox is a frequent visitor at the wholesale house, having a large and extensive trade. He is assisted by his wife and son.

Scruggs, Vandervoort & Barney advertise special prices on orchids, 75 cents each, for corsages for the V. P. ball.

Orchids were seen at Geo. H. Angermueller's during the past week. Vesev's stock in roses is improving daily.

Will Young & Sons' west end location is building up fast, and fall trade is expected to increase their business. Joe Hauser is still in the market with his dahlias in red and yellow. He has also started in with violets.

Miss Newmann is back again at her post. Her store windows on Olive street are very artistically arranged.

Grimm & Gorly will have a floral booth at the coming fair to be held on the St. Charles rock road.

E. L. Rogers has removed his wire shop to more commodious quarters at 212 North Fifteenth street.

Hugo, Gustave and Rudolph Gross will furnish a good supply of violets this season.

The Bentzen Floral Co. had seven prominent society weddings this week.

F. C. Weber, Jr., is buyer for the store and attends the market daily.

A meeting of the growers will take place this week.

Tom Carr reports improved business conditions. W. F.

Minneapolis, Minn.

BUSINESS GOOD AND PRICES FIRM.

Business continues good with plenty of funeral work. Prices are about the same as last week's quotations, with stock a little more plentiful. Lily of the valley is the scarce item, and chrysanthemums not over plentiful.

NOTES.

A severe hail storm visited here, October 3, with hail two inches deep on the street. The only damage done was to 250 lights of glass in the greenhouse of J. J. West, 3009 Fourth avenue, South. All others report no damage to glass.

R. A. Latham has received a large shipment of palms and Whitman ferns which are finding a ready sale.

E. G. Hill, of Richmond, Ind., is in town visiting the trade for a few days.

F. C. Smith, of Ashland, Wis., is in town buying stock for his store. He is also building a new greenhouse and remodeling his establishment. The J. C. Moninger Co. is furnishing the material.

Floyd Hill, formerly with J. F. Wilcox & Sons, Inc., Council Bluffs, Ia., has been added to the store force at the L. S. Donaldson Co.

Will Bros. have sent in their first violets the past week which brought \$1 per hundred, and there were not enough to go around.

Carl I. Lindskoog is getting his store and conservatory in shape, preparing for a larger amount of business than ever this season.

The "drys" had one of the largest parades ever held in Minneapolis and it was noted for the absence of the florists in line.

Oscar Amundson used a large amount of long stem American Beau-

ties for the Mrs. Slocum funeral at Excelsior.

Rice Bros. are sending out some extra fine Russell and Ophelia roses. T. C. R.

Oklahoma City.

There has been a decided increase in the volume of business within the last week and florists believe that from now on, trade will improve steadily. Retailers are pushing the sale of bulbs vigorously, and with good results; the demand for small potted plants suitable for indoor winter window gardens is fairly good and will no doubt increase greatly as the season advances.

NOTES.

The State Civic Association, in conjunction with the City Federation of Women's Clubs, will hold a flower show, Friday, October 8, in the banquet room of the Lee Huckins hotel. There is an abundance of beautiful flowers available just now and a splendid exhibition is assured. Perhaps by another year the Oklahoma State Society of Florists will be in a position to put on a flower show. It is to be hoped so at least.

The state fair closed October 2. There was not a single exhibit in the floral department from the trade. The few prizes that were offered all went to amateurs. The city has been crowded with visitors during the course of the fair and the florists stores' transient trade was materially augmented thereby. S. S. B.

Cincinnati.

MARKET FIRM IN ALL LINES.

Business seems to be picking up, and with a shortened supply has caused a firm market in all available seasonable lines. Prices are better than they were, while shipping business as well as local business is good. Outdoor flowers are now almost completely out of the market. Dahlias and cosmos alone remain, and the next two weeks will probably see the last of these. Both asters and gladioli are at an end for this season. Receipts in roses are heavier than they were, and include excellent offerings in all seasonable varieties. The carnation supply is about the same as at the last writing. White, yellow and pink chrysanthemums may now be had, but are arriving in very limited quantities. Dahlia receipts are excellent. Other offerings include Easter lilies, rubrum lilies, cosmos, orchids and lily of the valley.

NOTES.

Geo. Bemer, formerly with the Avondale Floral Co., of this city, is now with A. Langhans, Wheeling, W. Va.

The regular meeting of the florists' society will be held Monday evening, October 11.

C. E. Critchell has been having some excellent early chrysanthemums.

Visitors: G. A. Beckman and wife, Middletown, O.; H. G. MacLellan, of the Ove Gnatt Co., Hammond, Ind.; S. K. Mayerhoff, representing the Pompeian Artware Co., Brooklyn, N. Y.

H.

Los Angeles.

Theodore Payne, well-known seedman and nurseryman, of 345 South Main street, has been confined to his home, having been suddenly taken ill with what was at first supposed to be an attack of appendicitis, but which later proved to be inflammation in that locality.

All flower lovers have been invited to attend the dahlia show scheduled to be held at Laurie's, 280 West Montana street, Pasadena, October 8-9.

H. S. K.

OBITUARY.

Matthew Macnair.

Matthew Macnair, prominent florist of Providence, R. I., died suddenly in that city September 29. He was walking on Weybosset street with his son, Charles, when he was stricken and died instantly. He had been in his usual good health for some time and his sudden end came as a great shock to his many friends.

Matthew Macnair was born in Glasgow, Scotland, in 1845, and as a young man became proficient in mill work in the textile industry. He came to this country in 1870 and was employed in the wholesale woolen trade in New York, coming to Providence a few years later, and entering the jewelry trade, being connected with Walter White & Co. for many years. About 25 years ago he entered the florist trade in that city, opening a shop on Westminster street, removing three years later to 322 Weybosset street, where he built up a large trade. About five years ago he opened up another store at 2 Broad street, where he was extensively engaged in floral work.

He was of a pleasing disposition and made many friends both in the trade and on the outside. He was a member of several civic organizations, a member of the Newburgh, N. Y., lodge of the Knights of Pythias, a director of the Bethany Home, was associated with the old Richmond Congregational church and later with the Beneficent Congregational church. Musically inclined all his days, both vocally and instrumentally, he knew many Scotch songs, and was a member of the Arion club. He always spoke happily of his association with Henry Ward Beecher and his associations with the choir of Plymouth church, Brooklyn, N. Y. He traveled extensively in Europe, purchasing his stock of plants personally there, and his palm purchases were among the finest ever seen in Providence. He is survived by his wife, two sons, Charles and Thomas, five brothers and two sisters.

H. A. T.

Anton Kacin.

Anton Kacin, aged 22 years, who for the past two years has been employed by P. F. McKenny, Fifth avenue and 42d street, New York, died in that city, October 3. Over a year ago he was thrown from a motorcycle and his skull was fractured. He was in a hospital for some months, but returned to work a year ago apparently in good health. The hot weather of September affected him and he laid off for a rest, intending to resume work October 4, but on that morning Mr. McKenny was notified of his death. He was born on the east side of New York, of Austrian parents. On leaving school at the age of 15 years, he was apprenticed to a retail florist and became an expert designer and decorator. He was genial and clever and made many friends.

A. F. F.

Mrs. Annie Thorpe Romaine.

Annie Thorpe Romaine, youngest daughter of the late John Thorpe, passed away at her home, Pearl River, N. Y., October 2, after a long illness. The funeral services were held October 4. She is survived by her husband and one son, a brother, John Thorpe, and two sisters, Miss H. Thorpe and Mrs. Margaret Thorpe Evans of Chicago.

NEW ORLEANS, LA.—The New Orleans Horticultural Society has been petitioned by the City Federation to hold a flower show this fall.

Cleveland Flower Show.

The general show committee, made up of chairmen of nine sub-committees, held a meeting at the Hollenden hotel, October 1, and received report of their secretary, M. A. Vinson, who had just returned from New York. He stated that all the men upon whom he called were enthusiastic regarding the Cleveland flower show and they promised we could look for a large delegation from eastern New York and New Jersey. While he was in New York, 10 additional trade exhibitors were secured, and a number of others will make their reservation during the present week. According to the floor plan of the Coliseum, which contains over 65,000 square feet, there are only 11 spaces left, and four of these are tentatively reserved. Special letters of invitation have been addressed to secretaries of nearly 100 florists' clubs in the United States, asking their members to come to Cleveland and that they appoint transportation committees to take charge of the details of arranging for special cars. This is just one of the many plans that the publicity committee is carrying out to insure the trade exhibitors of a large attendance from all over the United States. Those present at this committee meeting were: H. P. Knoble, general chairman; F. C. W. Brown, chairman decorations committee; Chas. Russell, chairman retail displays committee; H. P. Merrick, chairman trades display committee; Herbert Bate, chairman premiums committee; Frank Friedley, chairman exhibits committee; Geo. Bate, in charge of the advertising. Guy Bate of Newton Falls, chairman of fall exhibition committee of the American Rose Society, was present, calling while the meeting was in progress.

The star (*) that precedes nearly 100 classes in the final premium list signifies that in the classes so marked \$5 in gold will be given to the section man or actual grower of the stock taking first prize in that class. In the non-commercial classes, a medal will be given instead of a cash prize. After the awards are made the exhibitors winning classes with (*) attached should register his grower's name or names with the exhibition committee as soon as possible to assist in the prompt distribution of these special prizes. Prizes of this nature have never been offered in connection with any previous flower show to the knowledge of the committee. Judging by the following list of trade exhibitors, this will be one of the most complete displays made for some time past. They are as follows: F. R. Pierson Co., Tarrytown, N. Y.; A. N. Pierson, Inc., Cromwell, Conn.; C. Merkle & Son, and Mentor Nursery, Mentor, O.; Advance Co., Richmond, Ind.; B. Hammond Tracy, Wenham, Mass.; Julius Roehrs Co., Rutherford, N. J.; C. H. Totty, Madison, N. J.; Storrs & Harrison Co., Painesville, O.; Chris. Knuth, Euclid, O.; Bobbink & Atkins, Rutherford, N. J.; Pletcher & Leland, Zanesville, O.; Richmond Cedar Works, Richmond, Va.; Hitchings & Co., Elizabeth, N. J.; J. L. Schiller, Toledo, O.; Lutton Co., Jersey City, N. J.; Henry A. Dreer, Inc., H. F. Mitchell Co., Inc., M. Rice Co., Robert Craig Co., H. Bayersdorfer & Co., Joseph G. Neidinger, S. S. Pennock-Meehan Co., Philadelphia, Pa.; Stumpp & Walter Co., Ralph Ward & Co., John Scheepers & Co., Inc., Wertheimer Bros. Co., Schloss Bros., Reed & Keller, Russin & Hanfling, Lion & Co., Tajimi Co., Florists' Exchange, New York; A. A. Arnold Paper Box Co., A. L. Randall Co., D. D. Johnson, Chicago; Standard Pump & Engine Co., Fowler Mfg. Co., Grassell Chemical Co., Lord & Burnham Co., Eagle Wire

Works, Chas. Reep, Geo. Bowman Co., Sixth City Wire Co., Joseph Stern Co., Naumann Co., and Florists' Telegraph Delivery Association, Cleveland.

Cleveland.

FALL TRADE OPENING WELL.

If the last two weeks' business is any criterion the business this fall will be far above the average. Social functions and wedding decorations, besides considerable funeral work, have kept both wholesalers and retailers very busy; also the outdoor stock is fast coming to an end, the usual heavy supply has dwindled down to almost a trifle, and greenhouse-grown stock is not yet very plentiful, causing quite a shortage in supply, and a corresponding increase in the demand. The wholesale houses nearly every day this past week were entirely cleaned up of nearly everything except greens. A few early white and yellow chrysanthemums are on the market and meet with a good demand. Lily of the valley and orchids have been more plentiful, while Easter lilies were scarce. Roses, while quite plentiful, have been selling well, Shawyer, Hoosier Beauty, Killarney, Ward and Sunburst all being in excellent condition, as to color and quality. American Beauties, especially the medium grades, are in good demand. Gladioli and dahlias are not nearly so plentiful and clean up daily. Larkspur, hydrangea, gaillardia, summer lilac, etc., have been in good demand. A few short asters are still arriving, but sell well for funeral work. Carnations are more plentiful and are daily improving in quality.

NOTES.

F. C. W. Brown will succeed L. F. Darnell as general manager and treasurer of the J. M. Gasser Co., and J. F. McLaughlin, formerly of Elyria, Ohio, will have charge of the wholesale store, which will be moved this week to their new quarters on Huron road between East Second and East Fourth streets.

Two hundred school girls and young women sold flowers on the streets down town, October 2, to raise money for the Marion Home for Working Girls. Several hundred dollars were realized. C. F. B.

Rochester, N. Y.

There has been a slight improvement in business the past week. Asters have been very scarce, a few frosty nights having thinned them out considerably and the remaining stock is small and rusty. There are still a few gladioli left and the price is high, but there are no other outdoor flowers worthy of mention. Roses are plentiful and the quality is good. Scott Key, My Maryland, Killarney, Ophelia, Sunburst and Mrs. Taft are all fine. Mrs. Aaron Ward is very short of stem at present. Harrisii lilies are rather scarce. Lily of the valley is plentiful but small. Cattleyas are very fine, but the demand is light. Carnations are now arriving, but the flowers are small and stems short. A few primroses have come into the market, but there are no other flowering plants. Boston ferns are excellent. There is inquiry for Asparagus plumosus and A. Sprengeri, also smilax. Hardy ferns are good.

NOTES.

E. C. Armbrust opened a new store at 279 East avenue, October 1. The store force of S. A. Anderson, Buffalo, with whom Mr. Armbrust had been employed for some time, sent him a huge basket of American Beauty roses for the occasion, and a number of his former patrons and friends of this city visited his new store.

The Rochester Floral Co. had a very effective yellow and white window last week, consisting of white candytuft, yellow chrysanthemums and coreopsis.

Herbert Stringer returns from his wedding tour this week, having had a most delightful trip. The trade extends congratulations.

J. B. Keller & Sons had a stunning window recently, consisting of cibotiums and huge vases of yellow helianthus.

H. E. Wilson is installing one large display window instead of the two small ones heretofore employed.

CHESTER.

Providence, R. I.

TRADE IMPROVEMENT CONTINUES.

Business conditions during the past week seemed to be better than usual. The appearance of the chrysanthemum is an indication that the fall season for the florists has arrived, and while the demand for them is light at present, better sales will come as the season advances. Asters continue to arrive in small lots and gladioli are done for and the demand for them has stopped. Floral work is in good demand and the sale of cut flowers is very satisfactory. The window decorations in the flower shops are very attractive at present.

NOTES.

At the funeral of Matthew Macnair, whose death occurred September 29, the floral offerings were many and elaborate. In all there were over 50 pieces, among them being a handsome casket cover of Hoosier Beauty roses, Easter lilies and maidenhair ferns.

The Lapham Floral Co., Pawtucket, has been chartered under the laws of this state, with a capitalization of \$100,000.

Visitor: Henry C. Neubrand, representing A. N. Pierson, Inc., Cromwell, Conn. H. A. T.

New Orleans.

TERRIFIC STORM WRECKS GREENHOUSES.

This city is just recovering from one of the most disastrous storms ever known in this country, but is fast resuming its normal condition, and in a few days visitors would hardly believe there had been a loss of practically two million dollars, the result of wind that blew for 14 hours at a velocity of 86 miles per hour and for a short time increased to 120 miles. The damage to trees in the parks and public playgrounds was enormous, but the wind seemed to have little effect on the out door palm, which grows here to a height of 50 to 60 feet. Many of the florists suffered heavily, several ranges being almost completely wrecked. The Athens greenhouses, 16 in number, and representing about 100,000 feet of glass, is practically a total wreck, the loss being estimated at \$32,000. The establishment of J. A. Newsham was also razed to the ground, entailing a loss of \$8,000. Uriah J. Virgin lost four large houses, but little of his stock suffered, and he estimates that \$3,000 will cover his loss. The Metairie Ridge Nursery Co. estimate the damage at their establishment to be about \$4,000, several houses being destroyed. E. A. Farley lost nearly all of his houses and Henry Cook also suffered heavily, the latter's loss being in the neighborhood of \$3,000. Max Scheinux reports damage to the extent of \$1,500 and A. Alost is also included in the list of heavy losers. W. Nelson also suffered severe damage at his range. Abele Bros., according to all reports, did not suffer as severely as the above-mentioned, and H. Kraak was also among the more fortunate, his loss being nominal. P. A. Chopin, C. W. Eichling and Chas. Eble are also to be congratulated in being among the fortunate ones who came through with small losses. The damage to the chrysanthemum crop was very great, but it is believed there are enough left to supply the demand.

C. R. P.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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FLORISTS who failed to get their French Paper White narcissus bulbs ordered of Holland peddlers are practically unable to secure them now.

WE noted some fine trusses of the new Yellow King Humbert canna at Vaughan's Seed Store, Chicago, this week. This is a sport of King Humbert with flowers in size and form exactly like the blooms of that variety except as to color, which is a good clear yellow with reddish spots.

Frost in the West.

The first general frost of the season prevailed the night of October 4 over western Illinois, Iowa, Nebraska, northern and western Missouri, Kansas, Oklahoma and the Texas "Panhandle," according to reports received October 5. The weather bureau describes the frost in Iowa, Nebraska and Kansas as "heavy to killing." In other areas it ranged from light to heavy.

Chicago Grand Floral Festival.

At the regular meeting of the Chicago Grand Floral Festival executive committee, held at the Morrison hotel, September 30, much progress was made with flower show business, those in attendance being A. Henderson, W. N. Rudd, W. J. Keimel, August Poehlmann, Peter Reinberg, N. P. Miller, Geo. Asmus, H. B. Kennicott, August Koch and Robert Brenton.

Nic Wiator was elected vice-chairman of the ways, means and audit committee; E. F. Kurowski, chairman of the reception committee; Payne Jennings, chairman retail florists' committee; Robert Brenton, chairman special features committee, and A. Henderson, Geo. Asmus and N. P. Miller, committee of management.

Chairman Brenton has many novel attractions in preparation for this exhibition and it now seems certain these special features will draw large audiences.

Chairman Vaughan, of the poster committee, reports the fine poster in the hands of the lithographer will be ready in good season.

Chairman Keimel promises an unusually interesting series of lectures, along popular lines, with stereopticon pictures.

August Koch, of the west side parks, was elected chief of the information bureau.

Guy W. French has been appointed manager of the show.

MICHAEL BARKER,
Chairman Publicity Committee.

New York Spring Show.

The schedule of premiums to be offered at the flower show to be held in the Grand Central Palace, New York, April 5-12, 1916, has been issued and copies may be obtained on application to the secretary. The premiums offered are again on a very liberal scale and there are some notable additions to the classes. In the section for commercial flowers covering roses in pots and tubs there are three prizes offered for a display of rose plants arranged as a rose garden covering 500 square feet, respectively \$500, \$300 and \$200. In this class last year there were but two prizes, \$300 and \$200.

Some important additions have been made to the classes covering bulbous plants. There is a class devoted to private growers, covering a display of bulbs in flower to occupy 200 square feet arranged for effect. Prizes in this class are \$150 and \$100. There is also a class open to all calling for a display of bulbs, etc., arranged as a Dutch bulb garden, covering 5,000 square feet, appropriate accessories permitted, with prizes of \$250, \$150 and \$100 respectively.

In the commercial class, covering a display of cut roses covering 200 square feet, the first prize is increased to \$250 and the second prize in the new schedule is increased to \$200. Bougainvilleas are to be featured so as to form a distinct attraction among the groups of flowering plants, prizes of \$75 and \$50 being offered for a group arranged for effect covering 100 square feet. A new feature is a class for collection of new Holland plants covering 100 square feet with prizes of \$50 and \$25. Rock gardens are to be another important feature, a commercial class for such gardens covering a space 10 feet by 30 feet, suitable accessories permitted, having been introduced with prizes of \$250 and \$150.

A very full and complete exhibition in the trade section is practically assured, the contracts already accepted aggregating in value upward of \$10,000. The entertainment features of the show will, it is expected, be of the usual high standard and fully in accord with the purposes of the show.

JOHN YOUNG, Sec'y.

Floriculture at the University of Illinois.

Eight new students have enrolled in the course given in floriculture. One of the new members is doing graduate work in floriculture and the others have registered for the regular undergraduate work. This makes a total of 23 floricultural students of which eight are seniors, two juniors, four sophomores, eight freshmen, and one a graduate student. The courses given during the semester are as follows: Green house construction, with an enrollment of 31; commercial crops, with an enrollment of 5; amateur floriculture, with an enrollment of 43; garden flowers, with an enrollment of 31.

Several changes were made in the staff this year. W. K. Palmer of Berwyn, Ill., has been appointed to succeed Mr. Hutchinson, who now has charge of a 350 acre farm, recently acquired by the department of horticulture for nursery experiments. Mr. Palmer graduated with the class of 1913, when he received the degree of B. S. in floriculture. Immediately after graduation he secured employment with F. Dorner & Sons Company of Lafayette, Ind., where he gained considerable knowledge of the work as carried on by them. From Lafayette Mr. Palmer went to Morton Grove, Ill., to work for Poehlmann Bros. Co. From here he went to the Fleischman Floral Co., Chicago, where he received much experience in retail work. Besides having charge of the greenhouses, Mr. Palmer also has charge of the course in commercial crops. E. G. Lauterbach of Bushnell, Ill., has been appointed to succeed C. C. Rees as assistant to Mr. Peltier in plant pathology.

F. L. Washburn of Bloomington visited the experimental greenhouses September 29. A. G. H.

Syracuse Chrysanthemum Show.

The second annual chrysanthemum show, under the auspices of the Syracuse Florists' Association, will be held November 4-7 in a suitable hall, which will be selected by a committee appointed by Henry Youell, president. The committee comprises Hugh McCarthy, Werner Bultmann and Chester Harris. One-half of the net proceeds of the show will be devoted to some charitable association, which will be designated at a future meeting of the association. Mr. Youell says that the exhibition will be the best and largest ever conducted in that city.

European Shipments.

William Gloeckner, of Albany, N. Y., advises us, he has written the secretary of state at Washington, D. C., with regard to the delay and annoyance attending the shipment of Belgian and other European plants and we feel certain that letters from other importers and the tariff and legislation committees of the Society of American Florists, the American Association of Nurserymen and the American Seed Trade Association would stimulate the authorities to prompt action.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—Frenchman, sober and reliable, wants a position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. Address Key 543, care American Florist, or PORION, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mumma and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Young English lady who has had much experience in London flower shops, is desirous of securing a situation in a Chicago loop store; can come well recommended. For further particulars address Key 571, care American Florist.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—Experienced florists wanted for cut flower departments; no plantsmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist greenhouse business; good seven room house; 1/4 acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2 3/4 acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—Display refrigerator, McCray's; used two years; without scar or blemish; new, retail for \$175.00; f. o. b. Dayton, \$125.00, cash. Address MRS. J. C. EWING, R. R. 4, Dayton, O.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about \$50,000 to handle both. Address Key 513, care American Florist.

For Sale—\$700.00 cash buys one of the best retail florist stores in Chicago. Two months rent free. Biggest bargain ever offered to anyone who can plank down \$700.00 immediately. Chance of a life-time. First come, first served. Key 565, care American Florist.

For Sale—Fine \$250.00 retail florists' refrigerator for \$150.00 cash. Reason for selling, owner wants to install larger one of same make. Used only six months. Now in use in Chicago retail store, where same can be inspected. For further particulars, address Key 566, care American Florist.

For Sale—On account of death of my husband, have 4 greenhouses and dwellings for sale or rent. Splendid location, established 28 years, doing fine business; whatever is in stock given gratis. For particulars call or write. MRS. THERESA VALOM, 838 31st Street, Milwaukee, Wis.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

For Lease or Sale—My new greenhouse, 20x120 and 2 acres of best land, 4 room house, furnished. Greenhouse planted to late aort roses; cutting good ones. Ready market. Will rent cheap to a rose grower for a year. Here is your chance to try a year on the coast. Can do business from your first day in possession. To a good man I will give a good chance. Get busy. S. L. HARPER, Florist, 9021 Pacific Ave., Tacoma, Wash.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

For Rent--Chicago

Store at 1139 Loyola Ave., near the corner of Sheridan Road. Splendid stand for live florist. No competition. Right opposite Loyola station, Northwestern L. Steam-heated building. Rent low to good tenant. Enquire in

Maguire Drug Store, 6543 Sheridan Rd., Chicago

FLOWER STORE FOR RENT.

New England city of over 100,000, central and splendidly situated, one-half store, rent including fixtures \$70.00 per month. Flower store for five years. Address

Key 561, care American Florist.

Boiler For Sale.

Fire box steam boiler 48x12 in good condition, cost \$450 when new, but will sacrifice cheap if taken at once. F. O. B. Chicago Key 569, care American Florist.

Wanted: Seedsman

Thoroughly familiar with all vegetable and flower seeds, counter and retail trade generally. Must furnish "A 1" references.

The J. Chas. McCullough Seed Co.

5th, Lock and Eggleston Ave., Cincinnati, Ohio

RARE SEED BUSINESS OPPORTUNITY

I want a broad-gauge man to take charge of my seed business. My time is becoming fully occupied with other things. He must have a thorough knowledge of catalogue business in all its branches, vegetable, field and flower seeds, plants, bulbs and tools. Also of store trade. He must know where to contract and buy. Central location in city of 300,000. Ample capital and credit. Arrangement suggested. A salary and share of profits. Applicants will be carefully investigated therefore, don't write unless you can fill the bill. Address

O. K. Seed Store, Indianapolis, Ind.

J. A. Everitt, Proprietor.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

TURN THE BIG LIGHT ON YOUR BUSINESS



OUR SERVICE
DIRECT
ADVERTISING



FOR YOUR MAILING LIST

Now is the Time to Arrange Your Advertising

FOR

Chrysanthemums
Fall Opening
Fall Announcements
Fall Flowers

Hallowe'en
November Flowers
Weddings
Receptions, Etc.

We have a suitable colored folder design and wording for each of the subjects above, in addition to many others. We will cheerfully mail you samples on request.

These folders can be mailed under penny postage; they are new and original and have never been shown before. They are designed to benefit your business in the following ways:

- (1) Stimulate your fall business earlier than usual.
- (2) Feature your seasonable Autumn plants and cut flowers, specialties, prices, etc.
- (3) Remind your customers and friends now home from their vacations, that you have in your complete line of fall flowers and accessories, and that they need flowers. Make them feel this need by suggestion.
- (4) Pay for themselves by a few of the extra sales created, new customers brought into your store and by the prestige they will give you.

Progressive florists everywhere are learning through experience, the great value to their business of advertising folders suitable for mailing to their customers and prospective flower buyers.

Colored folders printed with seasonable illustrations suitable for the displaying of flowers and with plenty of human interest and with wording which is just the right thing to say at the right time, to the right people, increase business. Such a mailing list followed up six or eight times during the year will bring a satisfactory increase in business.

A progressive florist in every town and city in the U. S. should be getting the benefit of our Special Advertising Service for Florists.

WRITE US FOR SAMPLES TODAY.

McNEFF - SWENSON COMPANY

EXPERT FLORAL PUBLICITY

818-819 Transportation Building

608 So. Dearborn Street,

CHICAGO, ILL.

Telephone: Harrison 7270

BELLE WASHBURN

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N. Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

IT has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower $3\frac{1}{2}$ to 4 inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Enchantress family. It has a very spicy odor much greater than the average Carnation. It comes in full flower by the 1st of December and then continues steadily through the balance of the season.

The present sharp competition in business requires the grower to plant a variety that always produces high-grade flowers, never bursts the calyx, has strong, long stems, is steady and continuous bloomer, no cropper. The color is the most brilliant red of any Carnation now in market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 18,000 devoted to rooted cuttings.

We will have 100,000 strong, well-rooted cuttings guaranteed all first-class ready for delivery during December. The price of the rooted cuttings will be \$12.00 per 100; \$100.00 per 1000.

BASSETT & WASHBURN

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES
HINSDALE, ILLINOIS.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--VALLEY--CARNATIONS--BEAUTIES

Cattleyas=White Dendrobiums=Yellow Oncidiums=Gardenias

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$4.00
36 in.....	3.00
30 in.....	2.50
24 in.....	2.00
20 in.....	1.50
18 in.....	1.25
Short.....per 100,	\$4.00, \$8.00

Mrs. Chas. Russell

	Per 100
Specials.....	\$20.00
Long.....	\$12.00 to 15.00
Medium.....	\$6.00, 8.00, 10.00
Short.....	\$4.00 to 6.00

Hoosier Beauty

	Per 100
HADLEY } Special..	\$10 00
OPHELIA } Long....	8.00
SUNBURST } Med....	\$5.00 to 6.00
MILADY } Short...	3.00 to 4.00

RICHMOND	}	Per 100
BULGARIA		Specials.....\$10.00
AARON WARD		Long.....\$6.00 to 8.00
KILLARNEY		Medium.. 4.00 to 5.00
WHITE KILLARNEY		Short..... 3.00
KILLARNEY QUEEN		
" BRILLIANT		

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, 2.00

MISCELLANEOUS

Chrysanthemums.....	per doz., \$2.00 to \$3.00
	Per 100
Daisies, Shasta	1.00
Gladioli.....	4.00
Smilax.....doz.	\$2.00
Plumosus and Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.25
Leucothoe.....	.75
Mexican Ivy.....per 1000,	\$6.00
Ferns, new crop.....per 1000,	2.00

ORCHIDS

Cattleyas.....	Per 100
White Dendrobiums.....	per 100,
Yellow Oncidiums.....	per 100,

GARDENIAS

Per doz.....	\$2.00 to
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EASTER LILIES

Per 100.....	\$
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LILY OF THE VALLEY

Fancy, per 100.....	\$3.00 to
2nd	\$3.00 to

CARNATIONS

All colors, per 100.....	\$2.00 to
Short, assorted, per 100.....	\$3.00 to

WILD SMILAX

Per case.....	\$
---------------	----

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stor

FLORISTS' SUPPLIES

Red Ruscus==EE Quality, per lb., 75¢

Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefin

CYCAS LEAVES

Just what you want for base work in designs and wreaths, 8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish. Cycas Leaves, in assortment, 12 to 40 inch, per 100, \$7.00.

American Prepared Oak.

Brown, Red and Green Magnolia Leaves, per hamper, \$1

50 Assorted Tumbler Baskets (two-toned) with liners, \$10.00

Write for New Design Book (Colored Plates), Each, 50 cent

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Field-Grown Carnation Plants, A1 Quality

	Per 100	Per 1000
8,000 Enchantress.....	\$5 00	\$45 00
5,000 Champion.....	5 00	45 00
200 Winsor.....	5 00	45 00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 pots 3 plants in a pot	24 in. high	\$1.50
3 pots 3 plants in a pot	38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.		

Kentia Forsteriana

Single Plants	Each
6 inch pots, 5 to 6 leaves, 28 to 30 in. high	1.00
6 inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants	Each
7 inch pots, 3 plants in a pot, 28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub, 50 in. high	5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub, 5 ft. high	8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub, 6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants,
\$15.00, \$18.00 and \$25.00 each.

Kentia Belmoreana

Single Plants	Each
4 inch pots, 5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.	
6 inch pots, 6 to 7 leaves, 24 in. high	1.00
6 inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
7 inch pots, 6 to 7 leaves, 36 in. high	3.00
8 inch tubs, 6 to 7 leaves, 38 in. high	3.50
8 inch tubs, 6 to 7 leaves, 48 in. high	5.00
8 inch tubs, 6 to 7 leaves, 58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.	

Phoenix Roebelenii

Single Plants	Each
5 inch pots.....	\$1.00
7 inch pots, 22 in. high 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....	1.50

Quality Plants

FERNS.

Boston, Roosevelt and Whitmani

Each	100	Each
3 inch pot... \$0.50	\$45.00	10 inch pot.. \$2.00 to \$2.50
3 inch pot... .75	.....	12-inch pot.. 3.00 to 3.50
3 inch pot.... 1.00		

CROTONS.

Very Fine Colored Stock Each 100

3 inch pot.....	\$.50	\$45.00
3 inch pot, strong.....	.75	70.00
3 inch pot.....	\$1.00 to 1.50	

CYPERUS ALTERNIFOLIUS.

Umbrella Plant

3 inch pot.....	\$8.00 per 100
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ARAUCARIA EXCELSA

Single Plants	Each
5 inch, 3 to 4 tiers.....	\$0.75
6 inch, 4 tiers.....	1.00
7 inch, 4 to 5 tiers.....	1.25
7 inch, 5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

Single Plants	Each
6 inch, 2 to 3 tiers.....	\$1.00
7 inch, 3 tiers.....	1.50
7 inch, 3 to 4 tiers.....	2.00
9 inch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock

Single Plants	Each	100
4 inch pot.....	\$0.35	\$30.00
5-inch pot.....	.50	45.00
6-inch pot.....	.75

CYCLAMEN. Best German Strain.

3-inch pot.....	\$ 8.00 per 100
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SMILAX

2¼-inch pot.....	\$2.50 per 100; \$23.00 per 1000
3-inch pot.....	4.50 per 100; 40.00 per 1000

ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.50 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

BEGONIA VERNON

In bloom.....	4-inch, 10c each; \$10.00 per 100
---------------	-----------------------------------

CHRYSANTHEMUMS

NOW READY—Extra large Yellow, White and Pink, very fancy, \$2.50 to \$3.00 per doz. Good medium Yellow Frost, \$1.50 to \$2.00 per dozen; Small Yellow Sprays, per bunch, 50 cents.

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials extra long stems.....		\$3.00
34 to 36 in. stems.....		2.50
24 in. stems, New Beauties.....		2.00
18 in. stems.....		1.50
Shorter lengths.....	per 100, \$4.00 to \$8.00	
Russell		Per 100
Specials.....		\$12.00 to \$15.00
Extra long.....		10.00
Good medium.....		6.00 to 8.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgaric and Shawyer		Per 100
Special.....		\$8.00
Long.....		6.00
Medium.....		4.00 to 5.00
Short.....		3.00

Killarney Brilliant, White and Pink Killarney, Richmond and Billington		Per 100
Long.....		\$8.00
Medium.....		\$4.00 to 6.00
Short.....		3.00
Cecile Brunner.....	per bunch,	85c

CARNATIONS.

Pink, White, Red (indoor).....	2.00 to \$3.00
Choice EASTER LILIES.....	\$1.50 per doz.
LILY OF THE VALLEY.....	4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGER.....	3.00
FERNS, new Wisconsin.....	1000, \$2.00
GALAX, bronze and green.....	per 1000, \$1.00

ROSES in lots of 300 or more at the rate of \$25.00 per 1000

CHRYSANTHEMUMS —Yellow, White and Pink, large.....	\$2.50 to \$3.00 per dozen
Yellow and White, good medium.....	2.00 per dozen
Small Yellow in sprays, per bunch.....	50 cents

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

REMOVAL NOTICE

We are now located in our new home on the main floor of the Le Moyne Building, and wish to notify our customers that all mail and telegrams should hereafter be sent to our new address **178 North Wabash Avenue.**

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

OFFICE and STORE,
178 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

STOCK CLEANS UP WELL.

Business has been good the past week and stock of all kinds is cleaning up well at fair prices. The shipping trade especially has been brisk and the local trade has also shown considerable improvement. American Beauty roses are arriving in splendid condition and the better grades are bringing \$3.00 and \$4.00 per dozen in selected stock. Mrs. Chas. Russell roses are in good demand and clean up quickly at good prices each day. Richmond roses are more plentiful, but like all the other roses, there is no great surplus when the day's business is over. Roses in general are reaching the market in splendid condition, and very fancy stock is obtainable if one is willing to pay the price. Chrysanthemums are arriving in larger quantities, but there are none too many, and fancy stock is bringing as high as \$2.00 and \$3.00 per dozen. Gladioli have seen their best days and the receipts are gradually diminishing, although there is some fairly good stock still being offered. Lilies are moving well and the

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

same holds good of lily of the valley, which is still commanding good prices. Carnations are improving in quality and while the supply is steadily increasing the receipts clean up well at good figures. The first sweet peas were offered this week, but the receipts are

so small that they are bought up almost as quickly as they are placed on sale. A few violets are arriving, but the quality is nothing to speak of as yet. Orchids and gardenias are in fair supply, but are in good demand. Wild smilax is arriving in larger quantities

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

Russell-Ophelia-Killarney

and all the other Roses listed below in large enough supply to fill all the demands. Buy here and get the best obtainable for the least money.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$4 00
48-inch stems.....	3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

	Per 100
Richmond.....	} Extra select..... \$8 00 Select..... 6 00 Medium..... 5 00 Short..... \$3 00 to 4 00
Killarney.....	
White Killarney ...	
Killarney Brilliant	
My Maryland.....	
Sunburst.....	
Milady.....	
Ophelia.....	

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50 to \$2 00
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection.....

Per 100
\$3.00

Carnations.....	2.00 to 3.00
Chrysanthemums.....doz., \$2.00 to \$3.00	
Harrisli.....	10 00 to 12 50
Valley.....	4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 50
Leucothoe..... per 100.....	\$1.00

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

ROSES

	Per 100
Mrs. Chas. Russell—	
Good.....	\$4.00 \$6.00 \$8.00
Mrs. Chas. Russell—	
Extra Fancy.....	\$10.00 \$12.00 \$15.00
Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—	
Long.....	\$5.00 to \$6.00 per 100
Medium.....	4.00 per 100
Short.....	3.00 per 100
Carnations.....	\$2.00 to \$3.00 per 100
Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley.....	4.00 per 100
Ferns.....	2.50 per 1000

Order here and get satisfaction

and in splendid condition and is being used largely in store decorations this week. Ferns have advanced in price and the better grades are now bringing \$2.50 per 1,000. The supply houses are busy getting things in shape for the fall business, and while trade was rather quiet in this line the past week, they will have their innings soon. Trade during September has been very good in the cut flower line, and much better than the corresponding month last year. The plant dealers also report a gain in business over

September of last year and from present indications it appears as if the season as a whole is going to be considerably better than last year, for everyone is making preparations for a busy fall, and with the fall flower show to help things along there is no question but what the trade in general can look forward to an unusually busy season. The show promises to be the biggest ever and everyone should place his shoulder to the wheel and help in every way possible, so as to make the work easier for the committees

CUT FLOWERS

Everything Seasonable
ROSES-GARNATIONS-ETC.
ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

who are doing a lot of missionary work for the good of the cause. Frost this week has cut off dahlias and other tender stock.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, CHICAGO
BEAUTIES-ROSES-CARNATIONS Randolph 2081.

NOTES.

Wm. Amling and son, Martin Amling, of Maywood, and Allie Zech, of Zech & Mann, visited the J. D. Thompson Carnation Co.'s greenhouses at Joliet this week and brought back the report that Superintendent Peterson has the stock in splendid condition in the old range as well as the plant formerly operated by the Chicago Carnation Co. The trip was made purposely to inspect the new scarlet carnation, Aviator, which Mr. Amling has had the pleasure to see on several other occasions and which he is seriously thinking of giving considerable bench space the coming season. So far the Thompson Co. has sold over 50,000 cuttings for January 1 delivery and new orders are continually arriving. It is the firm's intention to run an excursion from here to their establishment at Joliet in the near future, further particulars of which will be announced later.

Poehlmann Bros. Co. has had an unusually busy week in the cut flower department and the force was kept on the jump at all times to fill the many orders that were received. This firm is cutting a magnificent supply of stock of all kinds, particularly American Beauty roses, orchids and gardenias. August Poehlmann says that the September sales in the cut flowers, supply and plant departments, were much larger than last year, and believes that business will continue to be brisk throughout the entire season. The supply department is completely stocked up with goods for fall and winter use and T. E. Waters is now supplying his customers with a choice grade of ruscus.

Felix Reichling makes a trip out to Peter Reinberg's greenhouses about twice a month to see how his big brother Emil is coming along with the stock and to get a line on what he will have to dispose of before his next visit. He reports that everything is in splendid condition and that his firm will have plenty of stock to supply their customers with the coming season, unless something unforeseen happens in the meantime.

N. P. Miller, of Miller & Musser, is busy with matters pertaining to the coming flower show and is now ably assisted by Mrs. Losey with the clerical work. Mr. Miller is working early and late to do what he can to make the coming Grand Floral Festival a great success, and when he puts his shoulder to the wheel you can just make up your mind that there will be something doing before the last act is over.

The consolidation banquet of the Chicago Florists' Club and Cook County Florists' Association, will be held at the Hotel La Salle, Thursday evening, October 7, at 8 o'clock. The business meeting will be called to order at 7 p. m. sharp and the secretary says that he will greatly appreciate it if everyone will be on time so as not to delay the banquet.

F. S. McNeff, vice-president of the McNeff-Swenson Co., is the proud father of a baby girl, which also accounts for the smile that his big brother L. D. McNeff is wearing in the president's office. The McNeff-Swenson Co. is now located in new

WARD ROSES

\$3.00 to \$8.00 per 100.

Try a sample shipment of 100 or more today. You will not be disappointed for they are of unusually fine color and the stems and foliage are all that can be desired

	Per 100		Per 100
Milady	\$4.00 to \$10.00	Killarney	\$2.00 to \$8.00
Killarney Brillia't	3.00 to 8.00	White Killarney	2.00 to 8.00
Ophelia	3.00 to 8.00	Cecile Brunner, bunch,	35c ea.
RUSSELL—Finest Grown at \$4.00 to \$20.00 per 100.			

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

quarters in the Transportation building, at South Dearborn and West Harrison streets.

John Kruchten, of the John Kruchten Co., has returned from a business trip to Milwaukee, Wis., where he visited the Holton & Hunkel Co.'s greenhouses at Brown Deer. He reports that the stock in the H. & H. greenhouses is in splendid condition, as usual, particularly the Mrs. Chas. Russell, Ophelia and Hoosier Beauty roses.

Robert C. Smallwood of A. N. Pier-son, Inc., Cromwell, Conn., stopped off here October 4 to visit the establishment of Weiland & Risch, at Evanston, to see their promising two new roses, Champ Weiland and Feamma, which will be on display for the first time at the Chicago Grand Floral Festival in the Coliseum, November 9-14.

The city baseball series opened Wednesday, October 6, and the usual custom of presenting floral offerings at the opening game was followed, which to the florist is the chief event of the contest. It seems that this year everyone is a Fed fan since Joe Tinker's boys captured the pennant in rebel league race.

Mayor Thompson has ordered that 7,152 dramshops in this city proceed to obey the Illinois Sunday closing statute, which means that this is the first time since the big fire that the sale of liquor must be stopped on that day, to begin at 12 o'clock midnight, Saturday night, October 9.

At J. A. Budlong's store the shipping trade has been so brisk of late that Manager Schnupp has been helping the boys out a great deal, and while he has a reputation for being an A1 office man, he can still keep step with the younger generation when it comes to filling orders.

Robert Northam misses the American Beauty roses at George Reinberg's establishment this season, which is the first time for a great many years that his firm has not grown them and which were discarded to make room for Mr. Reinberg's favorite rose, Mrs. Chas. Russell.

George J. Ball and family, of Glen Ellyn, are making a trip to Cincinnati, O., this week, over the automobile

route in their Studebaker. They will visit friends at the Ohio city for several days, which is Mr. Ball's old home.

The Chicago Flowers Growers' Association is featuring a choice grade of Mrs. Aaron Ward roses from the Stielow greenhouses at Niles Center, which Paul Klingsporn takes great pride in showing the customers at the store.

The Atlas Floral Co. has a very pretty window display this week and it has become a habit with the people that pass by to see what Herbert Stone will have on display next.

Teddy Vogel, who is doing the buying in the local market for W. J. Smyth, is now comfortably located in a cozy flat at Fiftieth street and Evans avenue.

Henry Wehrmann of Maywood made several shipments of sweet peas to the E. C. Amling Co. this week, which to the writer's knowledge are the first of the season.

Hoerber Bros. are in good crop with roses and a good supply of all the old standard as well as many of the new varieties are included in their regular shipments.

George Perdikas, who underwent an operation at the German Hospital last week, is getting along splendidly and will be able to be about soon.

Ed. Vilter, who has been employed in the local wholesale market for some time, is the latest addition to the Zech & Mann store force.

Joseph Ziska & Sons have a large supply of doves on hand which are some of the best that they have ever offered.

It is rumored that the Panama-Pacific exposition will be reproduced in miniature at the Coliseum next January.

Erne & Klingel are still receiving a large supply of smilax, which has been one of their leaders for some time past.

M. W. Uhlschmidt, with Grimm & Gorly, East St. Louis, was a visitor in the wholesale market October 4.

The A. L. Randall Co. will be one of the exhibitors at the Cleveland fall flower show.

Robert Newcomb, with the W. W. Barnard Co., is in the city.

Beauties-Roses-Carnations

and everything else that you need in Cut Flowers and Greens.
Extra fancy stock in all grades at moderate prices.

Vaughan's Current Price List

American Beauties	
Extr special (best).....	Per Doz. \$4.00
Special.....	3.00
30 to 36-inch stems.....	2.50
12 to 20 inch stems.....	1.50
Shorter stems, per 100,	\$4.00 to 8.00

Russell	
Extra Special.....	Per 100 \$15.00 to \$18 00
Special.....	10.00 to 12.00
Select.....	6.00 to 8.00
Short.....	4.00 to 5.00

Milady, Ophelia, Sunburst	
Special.....	Per 100 \$10.00 to \$12.00
Select.....	6.00 to 8.00
Short.....	3.00 to 4.00

Killarney Brilliant, Ward	
Special.....	Per 100 \$8.00 to \$10 00
Select.....	4.00 to 6.00
Short.....	3.00

Killarney, White Killarney, Richmond	
Special.....	Per 100 \$8.00
Select.....	\$4.00 to 6.00
Shore.....	3.00

Cecile Brunner, Geo. Elgar	
Good Stock for corsage and tab e work.....	Per 100 \$2.00

Carnations	
Fancy.....	Per 100 \$2.00 to \$3.00
Short.....	\$1.50

Chrysanthemus	
Yellow.....	Per Doz. \$2 00 to \$3.00
White.....	2.00 to 3.00

Orchids	
Cattleyas.....	Per Doz. \$5 00 to \$6.00

Miscellaneous	
Valley.....	Per 100 \$ 3.00 to \$ 4.00
Lilies.....	10.00 to 12.50
Gladioli.....	2.00 to 4.00
Gardenias.....	2.00 to 3.00
Ferns.....	2.50
Galax.....	1.25
Leucothoe.....	.75
Adiantum.....	1.00
Plumosus, per bunch,	35c to 50c
Sprengeri.....	25c to 50c
Smilax, per doz.....	\$ 2.00
Wild Smilax, per case.....	5.00
Box wood, per bunch.....	.25c

Subject to market changes.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
 " 2572
 Auto. 48-734

Chicago

Z M
E A
& N
C N
H N

Russell Roses

Large supply of magnificent stock in all lengths. This stock is equal to the best and better than the general run of stock now offered in this market.

WHITE Mums YELLOW

Splendid Stock—All the Best Seasonable Varieties.

Carnations

Carnations are improving wonderfully in quality and the stock we are offering is unusually fine for this season of the year. We have all the best new as well as all the leading standard varieties so order from us.

Valley-Lilies-Gladioli-Greens, etc., etc.



WE ARE WHOLESALE FLORISTS DOING
A STRICTLY WHOLESALE BUSINESS.

30 E. Randolph St.,

L. D. Phones
Central } 3283
 } 3284
Automatic, 42-965

Chicago

George Franks, with Thos. E. Franks & Son, of Champaign, dropped in to see his old friend, A. L. Vaughan, of A. L. Vaughan & Co., this week, when he bought a large supply of stock for a large wedding and home decoration that he has booked for this week. Chrysanthemums, pink and white roses and wild smilax will be used largely in the decoration, which is one of the best orders that he has received for a long time. Mr. Franks says that his father is still confined to his home, as he has been for the past three years, which means that he is looking after the business entirely,

of which he is fully capable of doing, to obtain best results.

Percy Jones has added a new rose grower to his list of consignors which enables him to take care of a few more customers. H. Van Gelder and his ambitious assistants are making preparations to handle their large supply of chrysanthemums, which they will receive shortly, and which is a big item with them each fall.

N. J. Wieter says that trade is showing a big improvement at Wieter Bros.' store and is looking forward to a banner fall trade. This firm has had a brisk demand for Killarney

roses, which they are cutting in quantity, and while the receipts are heavy they clean up quickly each day.

O. J. Friedman had an order for a beautiful casket cover of orchids and lily of the valley for the Cable funeral held last week, and which was one of the prettiest pieces that Victor Bergmann ever arranged.

Kyle & Foerster are receiving regular shipments of southern smilax, which they are prepared to deliver at a moment's notice.

The wholesale stores of A. T. Pyfer & Co. and O. A. Tonner are receiving a new coat of paint this week.

LARGE YELLOW 'MUMS-BEAUTIES

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

VALLEY--HARRISII--ASTERS--besides

ANYTHING AND EVERYTHING THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

You can increase your profits and business by sending your orders to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

Bassett & Washburn are now located in their new store in the LeMoyné building at 178 North Wabash avenue, and as soon as the work under way is completed they will be in better position than ever to handle their ever-increasing business. Mr. Washburn has noticed a great increase in their city business since the firm moved and there is no question but what their selection of the present home will result in still greater sales. They have more room than they had before, but can use every inch of space they have to good advantage.

John Mangel's store looks magnificent since it has been remodeled and the new conservatory added. A large show case has just been installed, which is completely filled with new goods of all kinds which an up-to-date shop requires. He will have a large opening next week and is now stocking up for the event and when all the decorations are completed it will be a sight worth going a long distance to see.

R. R. Brenton, of Kennicott Bros. Co. and director of press publicity for the Grand Floral Festival to be held in the Coliseum November 9-14, and his committee held a meeting this week and are busy with the work allotted to them. Mr. Brenton is enthusiastic over his work and will prove to be the right man in the right place before the big event is over.

A. T. Pyfer & Co. are supplying their customers with a fancy grade of roses and carnations and are cutting more heavily in Richmond, which are in good demand at their store. Mr. Pyfer is well pleased with the way trade is improving and could use more stock to good advantage right now and in the future.

Miss Elsie Jacobs and Herbert Dilg, of Morton Grove, were married in the blue room of the Hotel La Salle, Wednesday, October 6. Mr. Dilg, who is well and favorably known to many of the trade in this vicinity, will open a garage in Morton Grove in the near future.

H. E. Philpott came all the way from Winnipeg to attend the consolidation banquet of the Chicago Florists' Club and the Cook County Florists' Association.

Miss Ludlow, of the flower seed department of Vaughan's Seed Store, has returned to her desk after an enjoyable vacation in the east.

D. Nicas has purchased the Paris Flower Shop, 11 East Jackson boulevard, from Peter Duris, taking possession September 30.

P. J. Foley is attending the Anderson meeting of the State Florists' Association of Indiana this week.

E. C. Pruner, representing Poehlmann Bros. Co., is back from an out-of-town business trip.

Vaughan's Seed Store has had a fine window display of all seasonable bulbs the past week.

George Wienhoeber has a large order for the Dunne wedding at Springfield, October 20.

Ft. Wayne, Ind.

SEASONABLE WEATHER AND GOOD SALES.

Business has shown a decided improvement during the past week due no doubt to seasonable fall weather. Funeral work has been heavy and the demand for flowers for weddings, receptions and fall openings has been unusually good, and indications point to a continuance of good business throughout the month. Outdoor stock is dwindling fast. Dahlias are fairly plentiful, while asters are scarce and small. Carnations are arriving in larger quantities, but are small, and chrysanthemums are showing up better each week. Pink October Frost is the latest arrival, and with Smith's Advance, Golden Glow, October Frost and Unaka are also in evidence, priced at from \$2 to \$3 per dozen. Roses are showing up splendidly as a result of the cool weather.

NOTES.

The decorations for the two large department stores of Wolf & Dessauer

and the Gates Store last week were carried out by Miss Flick, of the Flick Floral Company. Chrysanthemums, roses and dahlias were used extensively, as well as a number of ferns and flowering plants. Pink October Frost and Golden Glow chrysanthemums were used in the decoration for Forty Hours' devotion at St. Patrick's cathedral last week by Miss Flick, and basket arrangements of Shawyer roses and chrysanthemums were the decorations for the opening of the new Morris Bank on Berry street, East.

E. C. Wenninghoff had a tasty decorated window last week of Unaka chrysanthemums and red and bronze oak foliage.

Mrs. C. D. Bradley of the Bradley Flower Shop is visiting relatives in Chicago. H. K.

Detroit Bowling.

The Detroit Florists' Club has inaugurated bowling as a feature in connection with its meetings, which will be held the coming season, the second and fourth Tuesday evening of every month. The games played Tuesday evening, September 28, were engaged in by 20 members and two visitors. The following are the scores:

	1st	2nd	3rd	4th
Norman Sullivan	190	128	181	190
Ernest Sullivan	139	186	144	..
Robt. Rahaley	129	132	133	146
E. A. Feters	135	128	172	151
A. Pochelon	102	91	113	150
J. F. McHugh	109	108	157	152
J. K. Stock	114	113	178	110
H. Forster	114	151	152	116
M. Bloy	150	185	193	159
H. Rahaley	77	73	114	..
A. Sylvester	104	77	96	88
R. Jean	126	120	72	118
Theo. Mitchell	127	63	55	..
J. E. Sullivan	132	107	118	114
J. Klang	109	133	109	109
S. Seligman	..	36	93	120
A. Shields	64	65	61	74
Wm. Hielseher	124	105	98	74
F. Pautke	127	139	156	163
P. Papes	88	115	93	83
Ed. Moss	127	..	..	..
Frank Dalsky	96	..	..	..
Visitors	127	..	..	..

J. F. S.

CATTLEYS

Dozen.....\$4.00 to \$5 00 The best, 100.....\$35.00

GARDENIAS

Dozen.....\$1.50 to \$3.00

ONCIDIUMS

100 flowers.....\$4.00

DENDROBIUMS

Dozen.....\$6.00

BEAUTIES, of the finest quality, \$1.00 to \$3.00 per dozen.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GENERAL TRADE IMPROVEMENT.

A lower temperature, with more reasonable weather conditions, is having a beneficial effect on all the inside flowers, and also helped the situation by an improvement in the dahlias, which are now coming in in the best form of the season. They are likely to last another 10 days, by which time the chrysanthemums, which are already pushing forward, will claim the stage for their annual turn. There are roses galore, a full line of all the newer sorts, as well as the old favorites being offered, with prices according to quality, the newcomers seeming to share no better on account of their novelty than the others. There is a demand for good American Beauties and Russell, the latter selling up clean in its higher grades all the time. Carnations, now that the asters are done, are fighting for a place with the dahlias. The quality shows improvement daily; the short stems are a handicap. Snapdragon is offered freely by several growers; it is now an all-the-year-round standard. Cattleyas are blooming their heads off, this being true at least of the labiata family. They sell very low in quantity lots. Lily of the valley has shortened up considerably, there not being enough to go around the past week. Easter lilies have been good stock the past week, cleaning up well.

NOTES.

Karl Cortz, chief of the city store of the Jos. Heacock Co., says the retailer would be better off if he never saw a dahlia. There is no question that from the way he says it, Karl believes what he says. Samuel Lilley is also "agin" the outside flowers. "It's the man that builds the greenhouses that makes money for the retailer, and he ought to be encouraged." George Cook, of the Pennock-Meehan force, declares that the sooner the hard frost comes the better. While Edward Reid adds a fervent, Amen. With all due respect to the above opinions, which are with one exception from men who do not handle this flower, we question whether the dahlia interferes with the sale of other flowers at this season; its showy robust form and conspicuous coloring, together with its moderate price, puts it on a plane by itself, and many dozens find purchasers, who at this season like to have a few of these bright flowers about. They add variety and tend to keep the public interested; every purchase of flowers made, no matter how small, is a boost for the flower business, and in the light of what is before us the coming season let us all put our shoulders to the wheel to keep the wagon moving.

There was a very good attendance at the October meeting of the florist club on the evening of September 23, the feature being the talk on dahlias by L. K. Peacock, who when it comes to the lore of this popular outside flower, seems never to tire in keeping it to the front. There was a display of all the newer dahlias, many of them very fine flowers. The old officers of the club were all re-elected, as follows: George Burton, president; John C. Gracey, vice-president; George Craig, treasurer, David Rust, secretary.

The national flower show prospects look very promising; all the local

Wholesale Flower Markets

BOSTON, Oct. 6.		Per 100
Roses, Beauty.....		2 00@25 00
" Killarney Queen.....		2 50@10 00
" White and Pink Killarney.....		2 50@5 00
" Double White Killarney.....		1 00@6 00
" Killarney Brilliant.....		2 00@8 00
" Hadley.....		2 00@10 00
" Cardinal.....		2 00@12 00
" Mock.....		2 00@8 00
" Mrs. Chas. Russell.....		2 00@12 00
" Sunburst.....		2 00@8 00
" Tait.....		2 00@8 00
" Milady.....		2 00@8 00
" Ward and Hillingdon.....		2 00@6 00
" My Maryland.....		50@5 00
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@4 00	
Sweet Peas.....	50@1 00	
Carnations.....	50@1 00	
select.....	1 50@3 00	
BUFFALO, Oct. 6.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " fancy.....	15 00@20 00	
" " extra.....	10 00@12 00	
" " No. 1.....	6 00@10 00	
" " No 2.....	2 01@3 00	
" Killarney.....	3 00@6 00	
" White Killarney.....	3 00@7 00	
" My Maryland.....	3 00@6 00	
" Killarney Queen.....	3 00@4 00	
" Richmond.....	3 00@6 00	
" Sunburst.....	3 00@6 00	
" Ward.....	2 00@4 00	
" Tait.....	3 00@6 00	
" Ophelia.....	4 00@8 00	
" Mock.....	3 00@6 00	
" Francis Scott Key.....	4 00@8 00	
" Sawyer.....	3 00@7 00	
Lily of the Valley.....	4 00	
Lilies.....	8 00@10 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@2 50	
Chrysanthemums.....	8 00@20 00	
Snapdragons.....	1 00@2 00	
Peas (outdoor).....	bunch, 5c@10c	
Gladioli.....	2 00@3 00	
Asters.....	40@1 50	
Aparagus Sprengeri.....	35@50	
Ferns.....	per 100, 2 50	
Smilax.....	15 00	
CINCINNATI, Oct. 6.		Per 100
Roses, Beauty.....	per doz., \$0 75@3 00	
" Killarney.....	3 00@6 00	
" My Maryland.....	3 00@6 00	
" Richmond.....	3 00@6 00	
" Tait.....	3 00@6 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	10 00	
Aparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., \$7 50	
Gladiola.....	1 00@3 00	
Dahlias.....	2 00@3 00	
Carnations.....	2 00@3 00	
Rubrum Lilies.....	3 00@6 00	

committees are working with a will, while extra premiums and all sorts of inducements to encourage exhibitors are coming to the front, almost without the asking. Everything points to a record-breaking exhibition of all the country's best in plants and flowers. All that is needed is the generous response of the public, which the publicity committee are earnestly laying plans to secure.

Walter Davis, one of the chiefs of the Leo Niessen Co.'s force, has purchased the business of John McIntyre, the wholesale florist of 1711 Ranstead street, where he will continue and extend the trade to the best of his ability. Mr. Davis, who has had considerable experience, is withal a hustler, and should soon become a factor in this central wholesale district. He has our best wishes for his success.

The Leo Niessen Co., while they handle immense quantities of dahlias, have had to cut their orders down, their selling capacity getting ahead of

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley
Select Dahlias in Variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

Mention the American Florist when writing

**Philadelphia Wholesale
Florists' Exchange
ORCHIDS, GARDENIAS**

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

the supply. Miniature roses are a feature, the yellow Sweetheart and George Elgar being the latest additions.

Robert Craig is much encouraged with the prospects of the coming season. The packing shed is worked to its fullest capacity, while the men on the road are continually sending in

New York.

NO SURPLUS AND PRICES ADVANCE.

There is a better tone to the market and indications point to much better business. The weather, which has been cool during the past week, has cut down the supply of stock and there is no surplus. Practically every stock is selling at advanced prices. The market opened fairly active October 4, and there was no surplus of stock. If buying became heavy there would be a scarcity. As it is prices are higher. The average for special tea roses is \$6 to \$8 per 100, with exceptionally fine stock going to \$10 and \$12. On October 2 some carnations sold for \$3 per 100, but the average price is lower. There is a marked increase in the supply of chrysanthemums, and good stock is now in and selling at \$3 and \$4 per dozen. Dahlias are the most plentiful, and on account of a light supply of other stocks, good dahlias sell well. In lilies, lily of the valley, bouvardias, tuberose and other minor stocks there is a good movement. October 1 and the next day brought very rainy and disagreeable weather, but it has cleared and is like Indian summer. Three steamers, the Megrez, Mizar and Noordam, are due here from Rotterdam, Holland. If azaleas are coming forward there should be some on these ships.

October 6.—The market opened active and prices are advancing. Special American Beauties are quoted at from \$25 to \$30, lily of the valley is bringing \$5 and \$6 and prices on carnations range from \$2.50 to \$3.

NOTES.

We are pleased to note that Charles A. Dards, a well-known and prominent retail florist of this city, has entered a protest against the way some undertakers and florists handle flowers at a funeral. As Mr. Dards pointedly says: "The feeling seems to be that the show is over; the florist has done his work, and the undertaker is in a hurry to complete his." Some years ago, in a neighboring city, the writer attended the funeral of a man of national reputation, who had been honored not only for his great and unselfish service to his country, but also for his unswerving Christian character. At that time, I protested through THE AMERICAN FLORIST against the reckless methods—reckless is a mild word—in which the flowers were handled. That criticism was not pleasing to several prominent florists. Flowers are ordered for a funeral through love, respect or sympathy, and there can be no argument on the question of undertakers and florists handling them with decency.

John Young visited the range of S. J. Reuter & Son, Westerly, R. I., October 1. He states that the stock in their greenhouses is in excellent condition. His company is receiving very fine stock of the rose, Francis Scott Key, from this range; also a new yellow seedling, No. 28, a yellow the shade of Hillingdon, but a great improvement on that rose. They are also receiving large shipments of fine chrysanthemums from Walter Ramm, Seacaucus, N. J., and fine lilies from Carl Woerner, also of Seacaucus.

Negotiations have been completed for obtaining as a free gift to the city the Dyckman house, at Broadway and Two Hundred and Fourth street, the last remaining Dutch farm house in the city. Mrs. Bashford Dean and Mrs. Alexander M. Welsh, daughter of the late Isaac Dyckman, have given the city five lots surrounding the house to be known as Dyckman park.

Harry C. Riedel has retired from the firm of Badgley, Riedel & Meyer, 34 West 28th street, and will go into partnership with Meyer Othole in the wholesale business at 49 West 28th

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

street, the old John I. Raynor stand, which was continued by P. J. Smith until his removal to 131 West 28th street.

The store of John S. Nicholas in the Grand Central Station is now very attractive with flowers and fruit. Minoa Nicholas, son of the proprietor, is active in the management of this store and is also pushing seeds and bulbs. Mr. Nicholas has another fine store on 42d street near Madison avenue.

Although good roses are now rather scarce, we have noted a fine supply at H. E. Froment's from the range of L. B. Coddington, Murray Hill, N. J. Hoosier Beauty, Richmond, Sunburst, the Killarneys and other varieties are prominent at this store.

Al. M. Rigo, formerly with Henshaw & Fenrich, of West 28th street, has opened a retail store at 810 Madison avenue. In the wholesale district, Al. was a hustler and doubtless he will keep it up as a retailer.

H. H. Burns, son of the well-known A. S. Burns of Woodside and Elmhurst, L. I., has opened a retail store at Madison avenue and 52d street. He is ably assisted by A. F. Falardeau, a well-known designer and decorator.

After a successful season, Christatos & Koster, have closed their summer store at West End, N. J., and are now devoting their undivided attention to their store at 717 Madison avenue, which is finely fitted up.

Guttman & Raynor, Inc., are receiving exceptionally fine stock of the new pink seedling chrysanthemum from Frank Dmda, Farmingdale, N. Y. It will be shown at the next meeting of the florists' club, October 11.

In addition to a great variety of other stock, Paul Meconi, of the Coogan building, is now handling fine cattleya orchids from Thomas Young, Jr.'s Beechwood Nurseries, Bound Brook, N. J.

Chris Costos, an old and well known retailer of St. Nicholas avenue and 181st street, was stricken with severe illness September 30 and taken to Bellevue Hospital in a serious condition.

J. Walker Heacock, of Wyncote, Pa., was in this city October 2 showing samples of the very fine palm stock grown at the range of the Joseph Heacock Company.

Members of the New York Florists' Club will please bear in mind that the next meeting is October 11, at 8 p. m. in the Grand Opera House, 8th avenue and 23d street.

George W. Perkins, not the leader in the progressive party, but a prosperous florist of Fulton, N. Y., is visiting the trade of this city.



Mention the American Florist when writing

John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

Mention the American Florist when writing

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

Mention the American Florist when writing

George C. Siebrecht is receiving excellent stock of lilies, orchids, lily of the valley, gentianas and other flowers.

We have noted at the store of Gunther Brothers, 110 West 28th street, a very fine stock of dahlias.

James Coyle is now well established in his new store on 26th street, opposite the Coogan building.

Henry R. Comley, the well known retailer of Park street, Boston, visited this city on October 1.

Robert Craig, Jr., of Philadelphia, Pa., is visiting the trade in this city.

A. F. F.

New York Florists' Club.

President Harry A. Bunyard has appointed A. M. Henshaw, C. H. Totty and Roman J. Irwin a committee on transportation for those desirous of attending the flower show at Cleveland, O., November 10-14, next.

JOHN YOUNG, Sec'y.

OFFICIAL
S. A. F.

Shipping Labels

FOR CUT FLOWERS: in two colors on gammed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones { 1664 } Madison Square, { 1665 } Square, 34 W. 28th St., New York
Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Mention the American Florist when writing

Paul Meconi

Wholesale Florist

55-57 West 26th Street
NEW YORK CITY

Telephone: 3864 Madison Square.

Washington,

BUSINESS SATISFACTORY.

The local florists have little cause for complaint in regard to business. Work for both funerals and weddings has kept up well and everybody is on the move. Stock, such as it is, is plentiful, nothing special being seen with the exception of orchids and American Beauties. Prices have been exceptionally good for all stocks. Roses in variety have brought from \$2 to \$8 per hundred while American Beauties are quoted at from \$8 to \$25. Lily of the valley is coming in, but in limited quantity and other stock has to be used with Easter lilies, which sell at \$10 per hundred.

NOTES.

Z. D. Blackstone seems to make a specialty of handsome auto decorations, for there is not an occasion in the way of local parades that some excellent handiwork from this establishment is not noted. In the parade in connection with the recent carnival, a huge lady slipper, made of 5,000 dahlias, arranged with Boston ferns and American flags designed by the Blackstone force, mounted on an auto truck, was a splendid feature. Another design by the same artists was that of a lighthouse on a large float. This arrangement was over 20 feet in height and was made up of dahlias and American Beauties, with a base of rocks and ferns. The whole was surmounted by a searchlight in operation.

The Leo Niessen Co. are receiving extra fine stock of American Beauties, and excellent orchids are also a feature here. Manager Schnell has no trouble in disposing of both.

E. Palmer, formerly in the employ of Z. D. Blackstone as a salesman, has accepted a position with the Hammond Co., Inc., Richmond, Va.

Gude Bros. have been kept busy with decorations and arranged several attractive automobile features for the recent carnival parade.

H. B. Buppert, representative of Philip L. Carbone of Boston, Mass., is in the city on his annual visit.

Mrs. J. R. Freeman, the Thirteenth Street Florist, is busy redecorating her shop.

Visitors: C. E. Larzeler, Philadelphia, Pa.; A. A. Reed, Whitman, Mass.; E. Burner, Louisville, Ky.; A. I. Veselius, Paterson, N. J.; M. Baker, Philadelphia, Pa.; T. A. Warner, Bristol, Pa.
G. C. D.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Mention the American Florist when writing

Wholesale Flower Markets

NEW YORK, Oct. 6.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " extra and fancy.....	12 00@15 00	
" " No. 1 and No. 2.....	8 00@10 00	
" Alice Stanley.....	1 00@ 8 00	
" Prince d'Arenberg, special.....	4 00@ 6 00	
" Francis Scott Key, special.....	10 00	
" Mrs. Geo. Sawyer, special.....	4 00@ 6 00	
" " extra.....	3 00@ 4 00	
" " No. 1 & No. 2.....	1 00@ 2 00	
" White Killarney, special.....	6 00	
" Killarney, My Maryland.....	4 00@ 6 00	
" " special.....	1 00@ 2 00	
" " No. 1 and No. 2.....	1 00@ 2 00	
" " Queen.....	1 00@ 8 00	
" " Brilliant.....	1 00@ 8 00	
" Aaron Ward.....	1 00@ 8 00	
" Richmond.....	1 00@ 5 00	
" Sunburst.....	1 00@ 8 00	
" Taft.....	1 00@ 8 00	
" Milady.....	1 00@ 6 00	
" J. L. Mock.....	1 00@10 00	
" Hadley.....	8 00@10 00	
" Ophelia.....	1 00@ 8 00	
" Mrs. Chas. Ruessell.....	10 00@12 00	
" Hoosier Beauty.....	1 00@ 8 00	
Cattleya Orchids, special.....	25 00	
" inferior grade.....	15 00@20 00	
Oncidiums.....	1 00	
Lilies, Longiflorum and Harrisil.....	5 00@ 6 00	
Lily of the Valley.....	3 00@ 4 00	
Dahlias.....	1 25@ 2 00	
Carnations.....	1 00@ 2 50	
Tuberose..... per doz., 35c@50c		
Bouvardias.....	1 25@ 1 50	
Adiantum Croweanum and Hybridum.....	1 00@ 1 50	
Asparagus Plumosus..... doz. bchs.	1 00@ 1 50	
Smilax..... doz. strings,	75	
Chrysanthemums..... per doz.,	1 00@ 4 00	
Gardenias..... per doz.,	1 25@ 2 00	

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Wholesale Florists.

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20 Years' Experience.

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Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

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Between 26th and 27th Sts.

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Orchids, Roses, Carnations and all the other best products of the leading growers. Consignments solicited.

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American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.

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WHOLESALE PLANTSMEN AND FLORISTS

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NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Cut Flowers
A complete assortment of the best in the market can always be relied upon.

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FLORISTS

L. Young & Co.

54 WEST 28th ST. NEW YORK.

Consignments Solicited

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FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in., Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope.	7 50
36x12x6, Telescope.	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.
A. A. Arnold Paper Box Co.
 1302-1308 W. Division St., CHICAGO

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Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:
 Fall Planting Thanksgiving
 Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

MCNEFF-SWENSON CO.
 High Grade Floral Publicity.
 818-819 Transportation Bldg.
 608 So. Dearborn St., Chicago, Ill.

Kansas City.

HEAVY DEMAND FOR FUNERAL WORK.
 The Royal live stock show increased the demand for cut flowers to a high point, stock being used in many different ways, with the demand for corsages a good leader. American Beauties were also used in large quantities. The market in general during the past week has been a little better than the previous week, with unusually heavy demand for funeral work. Roses were more plentiful and dahlias were in the lead at all the shops. Carnations are more plentiful and better in quality, and gladioli are still to be seen. There was a good demand for decorative plants during the past week and the sale of pot plants is on the increase.

NOTES.

Henry Kusik & Co. are receiving fine stock of Mrs. Ward, Ophelia, Sunburst, Richmond and Killarney roses; also a few American Beauties. Carnations, both local and out of town grown, are coming in better. Dahlias in quantity are also a feature. The shipping and supply trade both show improvement, and the flower stock cleans up as soon as it is received from the growers.

Samuel Murray reports business good with plenty of funeral work. The window decorations at his establishment during "Fashion Show" week were especially artistic and attracted much attention.

T. J. Noll & Co. are receiving very good stock, especially in white roses. Their stock sells at sight and they have difficulty at times in getting enough to supply the trade.

Geo. M. Kellogg Flower & Plant Co. says out of town trade is picking up nicely. Stock at the greenhouses is looking well and they expect to cut heavily in a few days.



JARDINIERE STAND BASKET

Best and Most Attractive Basket for Window and Store Display.

Width, 10 inches; depth, 9 1/2 inches, height over all, 36 inches.

Natural	Stained	White Enamelled or Ant. Green.	Gold or any 2 tone
\$2.15	\$2.50	\$3.00	\$3.50

The same basket, finely decorated and hand painted \$1.50 more.

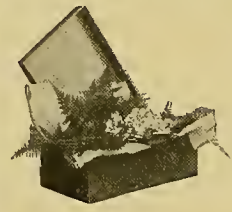
ASSORTMENT

25 Cut Flower Baskets Including Liners For Pompons and Other Flowers **\$7.50**

Just the styles you need for your fall and winter trade. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order Today. Write for our new circular

RAEDLEIN BASKET CO.
 713 Milwaukee Ave. CHICAGO

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company
 161 Water Street, SANDUSKY, OHIO

C. H. Hartman of the Euclid Avenue Nursery was hit by a street car while riding his motorcycle, October 3, receiving a bad scalp wound and a general shaking up.

W. J. Barnes is finishing up his repairs. Among other improvements he has built 14 concrete benches.

Geo. Papatakos was thrown from an automobile, and is laid up with a broken collar-bone.

Visitors: Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.; Julius Dilloff, with Schloss Bros., New York; E. C. Pruner, of Pochmann Bros. Co.'s force, Chicago; Robt. Newcomb, Chicago.

E. J. B.

TOLEDO, O.—Local florists are arranging to give a chrysanthemum show at the art museum early in November.

Southern Wild Smilax
 \$2.50 per case.

Natural Moss.....	\$1 75 per bag
Perpetuated Moss	3 50 per bag

Caldwell the Woodsman Co.
 Everything in Southern Evergreens.
EVERGREEN, ALABAMA

Southern Wild Smilax
 \$2.50 per case.

Perpetuated Moss.....	per bag, \$3.50
Natural Moss.....	per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.
 Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

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60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

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GEO. H. COOKE**FLORIST**

Connecticut Avenue and L Street

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Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

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623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

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Member Florists' Telegraph Delivery.

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Member of The Florists' Telegraph Delivery.

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Westerly, R. I.

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NEAR GARFIELD PARK

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MASONIC TEMPLE

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and all T. J. JOHNSTON & CO.

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Reference or Cash must accompany all orders from unknown correspondents.

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Western Union Code.

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J. H. SMALL & SONS,
FLORISTSNEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 WEST 28th ST.

To out-of-town florists:

We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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OF "HOME GROWN FLOWERS" Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

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La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

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Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
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1415 Farnum St. TELEPHONES 1501 and L 1582

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- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyles, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Guide Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heal & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johaston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Rohit, C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Lehorus, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Myer, Florist, New York.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldocchi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Rueter's New London, Conn.
- Rueter's, Norwich, Conn.
- Rueter's Westerly, R. I.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. E., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stumpp, G. E. M., New York.
- Walker Co., The F., Louisville, Ky.
- Weiland, M., Evanston, Ill.
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FREY & FREY,

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Trade Directory

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440 S. Dearborn St.,

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Telephone 2656

Established 1880

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George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

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J. J. LeBORIOUS

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 Chicago—Friedman.
 Chicago—Alpha Floral Co.
 Chicago—C. Frauenfelder.
 Chicago—A. Lange, 25 E. Madison St.
 Chicago—Schiller, the Florist, 2221 W. Madison.
 Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
 Cincinnati, O.—Hardisty & Co.
 Cleveland, O.—Bramley & Son.
 Cleveland, O.—The Cleveland Cut Flower Co.
 Cleveland, O.—A. Graham & Sons.
 Cleveland, O.—The J. M. Gasser Co.
 Cleveland, O.—Smith & Fetters.
 Colorado Springs, Colo.—Pikes Peak Flo. Co.
 Dallas, Tex.—Lang Floral & Nursery Co.
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 Denton, Tex.—Denton Floral Co.
 Denver, Colo.—The Park Floral Co.
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 Ft. Smith, Ark.—George Rye.
 Grand Rapids, Mich.—Henry Smith.
 Guthrie, Okla.—Furrow & Co.
 Houston, Tex.—Robt. C. Kerr Floral Co.
 Kansas City—Samuel Murray.
 Kansas City, Mo.—A. Newell.
 Kansas City, Mo.—Wm. L. Rock Flower Co.
 La Crosse, Wis.—La Crosse Floral Co.
 Lincoln, Neb.—C. H. Frey.
 Lincoln, Neb.—Frey & Frey.
 Little Rock, Ark.—Paul M. Palez.
 Los Angeles—Wolfskill Bros. & M. Goldenson.
 Louisville, Ky.—August R. Baumer.
 Louisville, Ky.—The F. Walker Co.
 Minneapolis, Minn.—Whitted Floral Co.
 Nashville, Tenn.—Joy Floral Co.
 Newark, N. J.—Begerow's.
 Newark, N. J.—Phillips Bros.
 Newark, O.—Chas. A. Duerr.
 New London, Conn.—Reuter's.
 New Orleans, La.—Mistairie Ridge Nursery Co.
 New York—Dard's, 44th and Madison Ave.
 New York—Alex. McConne, 611 5th Ave.
 New York—David Clarke's Sons.
 New York—Thos. F. Galvin, Inc.
 New York—Max Schling, 22 W. 59th St.
 New York—Meyer, Florist, 609 Madison Ave.
 New York—J. H. Small & Sons.
 New York—G. E. M. Stumpp.
 New York—Young & Nugent.
 Norwich, Conn.—Reuter's.
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 Omaha, Neb.—Hess & Swoboda, Farnam St.
 Omaha, Neb.—Lewis Henderson.
 Philadelphia—The London Flower Shop.
 Pittsburgh, Pa.—Randolph & McClements.
 Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
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 Providence, R. I.—T. J. Johnston & Co.
 Rochester, Minn.—Ross Bragg Co.
 Rochester, N. Y.—J. B. Keller's Sons.
 Rockford, Ill.—H. W. Buckbee.
 Shobergan, Wis.—J. E. Matthewson.
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Will fill your orders for designs and cut flowers in

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Canada's best known and most reliable florist

Only the Best **Dunlop's**

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1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Mention the American Florist when writing

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

New York.

MYER, FLORIST, 809-811 Madison Ave
Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

16 N. 6th St., Ft. Smith, Ark

Mention the American Florist when writing

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Springfield, Ill.

A. C. Brown

217 South Fifth Street

Springfield, Ill.

Mail and telegraph orders given prompt attention.

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS., 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade district
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders for designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing



LILIUM FORMOSUM.

LILIUM FORMOSUM

Best Selection Ever Brought In.

	Per 1000
7-9 inch (250 bulbs to case).....	\$60.00
8-9 inch (225 bulbs to case).....	70.00
9-10 inch (180 bulbs to case).....	80.00

NARCISSUS (Dutch)

	Per 1000
Emperor, Fancy.....	\$13.00
Emperor, Mother Bulbs.....	17.50
Victoria, Fancy.....	12.00
Poeticus Ornatus.....	5.50
Princeps.....	7.00
Sulphur Phoenix.....	12.00

White Roman Hyacinths

	Per 100
11-12 ctms. (2400 to case).....	\$21.00
12-15 ctms. "whole crop," about 1700 to case.....	27.00

TULIPS

	Per 1000
Artus.....	\$ 6.50
Belle Alliance.....	10.00
La Reine.....	6.00
Cottage Maid.....	7.00
Proserpine.....	20.00
Rose Gris de Lin.....	6.50
Chrysolora.....	9.00
Yellow Prince.....	8.50
Keizerskroon.....	14.00

Cold Storage Lilies

Plant now for your January supply of cut blooms.

	Per case
Giganteum, 7-9 inch (300 bulbs to case).....	\$15.00
Giganteum, 9-10 inch (200 bulbs to case).....	16.50

SEED DEALERS: Send Us Your "Shortages."

FLORISTS: Try Us on Those "Fall Downs."

FALL "BOOK FOR FLORISTS." ASK FOR IT

VAUGHAN'S SEED STORE CHICAGO NEW YORK

SMITH'S REVISED Chrysanthemum Manual

50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

mention the American Florist when writing

FALL PRICE LIST

ROSES

"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO.

mention the American Florist when writing

Rose Pink Carnation "MISS THEO"

A commercial acquisition which should be grown by every carnation producer.

Rooted Cuttings.....\$12.00 per 100; \$100.00 per 1000

LITTLEFIELD & WYMAN,
NORTH ABINGTON MASSACHUSETTS

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2 1/4-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.
Cash with order.

GEO. M. EMMANS, Newton, N. J.

GERANIUMS

Our Guarantee holds good all the year; they must reach any point in the United States east of the Mississippi River in good growing condition. Winter prices. S. A. Nutt, \$12.50 per 1000 Ricard and Poitevine, 15.00

A New Money Maker—The Two Buddleias. Buddleia Variabilis, the butterfly plant, one of the best selling hardy shrubs.

Buddleia Asiatica, one of the finest winter pot plants you can grow. Every florist in the United States should have from fifty to a thousand of these according to the size of his place.

Rooted cuttings of either by parcel post, at \$2.50 per 100.

ALBERT M. HERR, LANCASTER, PA.

mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

YELLOW and White Globe onion are very scarce items.

EARLY OHIO potatoes of good quality are in short supply.

VISITED Chicago: Chas. N. Page, of Iowa Seed Co., Des Moines, Ia.

ONION SET growers in the Chicago district have had good drying weather the past week.

EARLY reports from middle south holly growers indicate a fair crop of berries and good foliage.

SHENANDOAH, IA.—The Ratekin Seed House has been incorporated. The amount of stock authorized is \$75,000.

J. C. VAUGHAN is making a New England trip this week in connection with Illinois State Art Commission matters.

THE stiff frosts which occurred this week should stimulate bulb trade, both counter and mail. Local advertising may help.

GLADIOLUS bulb growers who have been waiting for frosts before digging may start now as frosts have been general this week.

NASHVILLE, TENN.—Fall business in garden seeds has been good and farm seed business is opening satisfactorily according to reports of local seedsmen.

GENERAL business conditions in the bouquet green districts indicate that labor will be plentiful, and weather permitting prices should not go above a normal average.

CHICAGO.—Prices for grass seed on the Board of Trade, October 6, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—W. J. Smart, formerly with the Currie Bros. Co., Milwaukee, Wis., is now with Vaughan's Seed Store.

PEAS in Idaho are a great disappointment, that is, late kinds. While the pods were freely produced they failed to fill, yielding not more than half they promised. The early varieties have turned out much more satisfactorily.

THE preliminary percentages of deliveries of leading sorts of green pod and wax pod beans reported from Michigan growing districts are very low and confirms the impression that 1916 prices will equal or exceed the high figures of 1915.

THE bulge on medium red clover seed worries the Indiana, Michigan and Ohio dealers who now bitterly deplore their lack of foresight in sizing up the late summer weather conditions with relation to the poor seeding of the clover plant in September. Thirteen dollars and 55 cents per bushel in Toledo, as against \$8.80 in July, is a distinct shock to the seedsmen who has not yet secured his supply.

NEWARK, N. J.—Alexander Forbes, president of J. F. Noll & Co., who underwent an operation for appendicitis, has fully recovered his health. Business at this establishment is reported as improving.—Wilson Seed Co., Inc., states that there is considerable activity, especially in bulbs.

Chinese (Amoy) Narcissus.

First shipments of Chinese narcissus bulbs from Amoy arrived about October 1. It is understood that advance orders were filled short 50 per cent or less. This article is in good demand and future shipments to arrive are reported well sold up. These bulbs could have been secured in good time and presumably in full demand, had the American jobbers seen fit to meet the demands of the Amoy, Chinese growers, or their selling agents, who attempted to boost prices 50 per cent on the claim that production costs justified it. It is difficult at long range to analyze production costs or compare this item with similar Dutch and French growing costs. Nevertheless, the action this year and last year by the Chinese who control the bulbs seems to make it reasonably certain that wholesale prices must advance next year if prompt and full deliveries are expected.

New York Seed Trade.

Business is quite active at all the seed stores. Bulbs are the leading feature and they are selling well. At one seed store it was stated, October 1, that they were already sold out of some varieties of tulips. While there has been talk of a scarcity of Paper White narcissi we have not heard of any of the stores being out of them.

Peter Henderson & Co. report good business. During the past week they showed a fine collection of hardy flowers in their windows. Noteworthy was Lathyrus latifolius or perennial sweet pea. This form is better suited for a trellis plant than for cut flower, although its flowers are of no mean order.

The MacNiff Horticultural Co. has been selling bulbs in variety at auction, also hardy evergreens and a great variety of greenhouse plants. Business is very active with this firm.

The Stumpp & Walter Co. is making a very fine display of bulbs and other seasonable stock. A feature of their show windows is large plants of Celosia Pride of Castle Gould.

W. E. Marshall & Co. report business improving. Mr. Marshall has recently returned from a 10-day trip among the firm's customers.

The H. A. Bunyard Co., Uptown Seed Store, has recently received a large consignment of bulbs and reports good business.

J. C. Vaughan returned to Chicago September 30. The New York store is now quite busy. A. F. F.

Imports.

During the week ending October 2 imports were received at New York from Marseilles, France, as follows:

Vaughan's Seed Store, 219 cases bulbs.
R. M. Ward & Co., 106 cases bulbs.
A. Baldwin & Co., 56 cases bulbs.
Bernard & Co., 52 cases bulbs.
C. F. Meyer, 39 cases bulbs.
The S. S. New Amsterdam from Rotterdam, Holland, brought consignments of bulbs and plants as follows:
MacNiff Horticultural Co., 64 cases bulbs, 47 cases shrubs and plants.
Vaughan's Seed Store, 40 cases bulbs.
Ralph M. Ward & Co., 21 cases bulbs.
A. Baldwin & Co., 21 cases bulbs.
Elliott Auction Co., 44 cases bulbs.
Syndicate Trading Co., 2 cases bulbs.
F. R. Pierson Co., 26 cases bulbs.
W. E. Marshall & Co., 6 cases bulbs.
Stumpp & Walter Co., 2 cases bulbs.
Bernard Judea & Co., 4 cases bulbs.
J. M. Thorburn & Co., 3 cases shrubs.
A. T. Boddington Co., 3 cases bulbs.
W. Elliott & Sons, 1 case bulbs.
McHutchison & Co., 3 cases bulbs.
C. S. Smith, 32 cases trees, etc.
A. Murphy & Co., 6 cases bulbs.
R. W. MacNiff, 18 cases bulbs.
E. J. King, 122 cases bulbs.
C. F. Meyer, 4 cases bulbs.
Gray Bros., 41 cases bulbs.
St. Louis Seed Co., 4 cases bulbs and 6 boxes seeds.
To order, 2,374 cases bulbs, 47 cases immortelles, 95 cases trees, 603 cases shrubs and plants.

Potatoes Rotting.

St. Joseph, Mich., Sept. 30.—(Special.)—Thousands of bushels of potatoes are rotting in the ground through southwestern Michigan and reports by commission men here say that the same conditions obtain in all of the potato growing sections of the north central states. The crop has been attacked within the last two or three weeks by the blight in the worst form known in 30 years and some growers are in danger of losing their entire output.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Petunias Petunias

Seeds of our celebrated strains will be ready in November.

Seedsmen can safely recommend our Giants of California, Fluffy Ruffles, Giant White, Marvelous, double, and Peony-Flowered, double.

Prices and list on application.

T. B. SHEPHERD CO.
Ventura, Calif.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Company

THE MacNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World

We are in a position to handle consignments of any size, large or small.
Prompt remittances made immediately goods are sold.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

Have just received a small surplus of

Japan Grown Freesias and
L. Formosums.

Cold storage GIGANTEUMS always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho

MILFORD, CONN.

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras,
etc., ASTERS and FLOWER SEEDS in
general; TOMATO, LIMA and POLE
BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

THE
J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Canta-
loupe, Watermelon, Squash and Pumpkin
seed; Sugar, Flint and Field Seed Corns.

THE G. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

MANN'S

Lily of the Valley

are the finest in existence and their flowers
bring the best prices on the London mar-
ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Lilium Candidum

Extra fine Northern-grown Bulbs—Just
Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

COLD STORAGE VALLEY

Bruns' Celebrated Chicago Market Brand,
best to be had Valley, giving the best results
all year round \$15.00 for 1000; \$9.50 for 500;
\$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at
moderate prices. \$16.00 for 1000; \$8.50 for
500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

PAPER WHITE GRANDIFLORA

Per 1000
Mammoth—1000 to case, 14 c. m. \$10.00
First Size—1200 to case, 13 c. m. 9.00

COLD STORAGE VALLEY

The very highest quality obtainable.
Packed in cases of 1000, at.....\$17.00 per case

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Write for our Fall Trade Catalogue.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
 English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
 Wholesale Seed Growers

Langport, Somerset, England.
 Special quotations on application.

We still have some

Winter Flowering Orchid Sweet Pea Seed

Pink and White Orchid; White Orchid; Orchid Beauty, dark rose; Mrs. A. A. Skaach, best shell pink; Red Orchid; ¼ oz., 75c; ½ oz., \$1.00; 1 oz., \$1.75, and many others. We have all the best commercial Summer Spencers. Ask for List.

Anton C. Zvolanek,
 LOMPOC, CALIF.

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Water Melon and Okra Seed

Grown for Wholesale Trade.

W. E. HAILE, Seedsman,
 Monticello, Fla.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

Mention the American Florist when writing



Cyclamen Giganteum

**SOUTHERTON'S
 PRIZE STRAIN.**

4 inch Plants Ready for a Shift.
 Assorted Colors.

Only the Best Varieties.

At \$14.00 per 100.

R. J. Southerton,
 Cyclamen Specialist
 Highland Park, Illinois.

LILY OF THE VALLEY PIPS

Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

Loechner & Co., Inc., 11 Warren St., New York

In proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
 53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
 PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

RAFFIA

Natural—Four standard grades.
 Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
 Write for prices and terms.

McHutchison & Co.
 The Import House
 17 Murray Street, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDESORO, N. J.**

Mention the American Florist when writing

CARNATIONS

F. DORNER & SONS CO.,

LaFayette, - - Indiana

Mention the American Florist when writing

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Mention the American Florist when writing

THREE "SUPERFINE" NEW SPENCERS FOR 1916

"Fiery Cross" "FIERY CROSS" is a most appropriate name for a most unusual novelty. During the seventeenth and eighteenth centuries, when Scotland was continually at war, the method employed by the chiefs to gather the clans to repel invaders was by means of a fiery cross, which was taken from hamlet to hamlet by the speediest man available. The fiery cross was simply a blazing pine branch.

"FIERY CROSS" has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading and which scintillates and glitters in bright sunlight, thus adding a glowing, fire-like sheen which radiates over the flower. Unlike most of the orange-scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine, therefore it can be grown in all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long stout stems.

"FIERY CROSS" was recommended for the Silver Medal variety of National Sweet Pea Society of England, July, 1914, which was awarded July, 1915. It received an Award of Merit at the exhibition held by the American Sweet Pea Society at the San Francisco Fair, June 10, 1915, as being the outstanding variety in the show. Also Certificate of Merit at the Sweet Pea Exhibition of the Pennsylvania Horticultural Society, June 23, 1915; and Silver Medal at the Seventh Annual Exhibition of the American Sweet Pea Society, Newport, R. I., July 15, 1915.

Prices for "Fiery Cross" Sweet Pea.
In sealed packets containing ten seeds each: Per pkt., 25c; \$2.00 per dozen pkts.; \$13.75 per 100 pkts. In lots of

500 packets or more, \$12.50 per 100 pkts.

If 500 or more packets are ordered at one time and it is so requested, we shall print on the packets the name and address of the purchaser and supply free an electrotype of either the spray or single flower.

1878 "The President"* This will compete with "FIERY CROSS" as the greatest novelty of the year. It is wonderfully brilliant, in fact, it might be termed a glowing scarlet self. The flowers are of largest size, carried on strong, stiff stems, usually in fours, always beautifully waved even when well expanded and most harmoniously placed. It has been termed "the brightest color we have in sweet peas" and does not burn. "It is head and shoulders above anything of a similar color" and probably will never be surpassed in the orange-scarlet section. We were awarded Certificate of Merit for THE PRESIDENT by the Pennsylvania Horticultural Society, June 23, 1915, also by the American Sweet Pea Society at Newport, R. I., July 15, 1915, and have pleasure now in introducing this unusual novelty, simultaneously with our friends Messrs. Alex. Dickson & Son, the celebrated Rosarians, of Belfast, Ireland.

In sealed packets containing ten seeds each: Pkt., 25c; 5 pkts. for \$1.00; \$2.00 per dozen pkts.; \$13.75 per 100 pkts. In lots of 500 packets or more, \$12.50 per 100 pkts.

New Spencer Hilary Christy

We were much pleased with this beautiful and distinct novelty in 1914 in the Essex cultures of our friend, Mr. Hugh Dickson, then President of the National Sweet Pea Society of Great Britain. The trial at Fordhook the past season has also been most satisfactory and we have great pleasure in now first offering the seed in connection with the originator. The plants grow strongly, bloom profusely, bearing flowers of good size and true Spencer type. The standard is frosted orange-cerise with crenulated fiery edge; wings rosy carmine, keel delicate fawny lemon. Its rich though subdued colorings are very chaste and refined.

In sealed packets containing ten seeds each: Per pkt., 15c; 2 pkts. for 25c; \$1.00 per dozen pkts.; \$7.00 per 100 pkts. In lots of 500 packets or more, \$6.25 per 100 pkts.

In sealed packets containing twenty seeds each: Per pkt., 25c; 5 pkts. for \$1.00; \$2.00 per dozen pkts.; \$13.75 per 100 pkts. In lots of 500 packets or more, \$12.50 per 100 pkts.

W. ATLEE BURPEE & CO.,

PHILADELPHIA

An Average
Spray of
"FIERY CROSS"
reproduced
from a
Fordhook
Photograph.



The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

Texas Nurserymen's Association.

The fifteenth annual convention of the Texas Nurserymen's Association was held at Waco, September 28-29, and while the attendance was not as large as at some previous meetings, the session was without doubt one of the most businesslike, systematic and interesting in the history of the organization. President Wm. B. Munson, of Denison, after calling the convention to order, introduced Mayor J. W. Riggins, who warmly welcomed the visitors, and C. C. Mayhew of Sherman, followed and expressed the appreciation of the association for the cordial welcome extended to the members. President Munson delivered an informal talk in which he reviewed the work of the association during the year, referred to the publications of the association, urged that subjects assigned to members be handled so as to better benefit all, and suggested that the committee on publicity be continued. J. R. Mayhew, of Waxahachie, reported for the legislative committee, and said that legislation in regard to inspection was in better form than ever before; also, that there now existed a much better feeling between nurserymen and inspectors, the former co-operating as fully as possible.

Much discussion of the stringent laws of Oklahoma, which acted as a hardship on Texas nurserymen, marked the opening session. The Oklahoma regulations were claimed to be discriminative, and while the members of the Texas organization did not object to inspection or other necessary regulation, the requirement of a heavy bond to solicit business in Oklahoma was objectionable and should not be demanded, and it was the general consensus of opinion that a uniform inspection law should be the solution of the situation.

J. H. Arbenz, of Sarita, spoke on the subject, "The Nurserymen's Interest in a State Board of Horticulture," and a committee was named as a result of the discussion which followed to carry forward the work of securing a state board of horticulture and securing as much of an extension fund as is possible.

The election of officers for the ensuing year, which was held September 30, resulted as follows: Wm. B. Munson, Denison, president; J. M. Ramsey, Austin, secretary-treasurer; E. W. Kirkpatrick, McKinney, member of executive committee of the Texas Farmers' Congress. The meeting place for 1916 will be decided later.

Many interesting papers and addresses were features of the meeting and were listened to with much interest, among them being the following: "The Best Methods We Have Found of Handling Palms, Citrus Trees and Other Tropical Fruits in the Rio Grande Valley," by W. D. Griffing, Port Arthur; "Notes on New or Little Known Ornamental Shrubs," by J. D. Baker, Fort Worth; "A Way to Plant

Pecan and Persimmon Trees So They Will All Live," by E. W. Kirkpatrick, McKinney; "The Horticultural Outlook in the Texas Lower Coast Country," by J. H. Arbenz, Sarita; "Experiences in Hunting for Varieties That Bear Every Year," by F. T. Ramsey; "What Can We Do With the Unscrupulous and Irresponsible Tree Dealer?" by J. R. Mayhew; "What Is the Proper Ratio Between Retail and Wholesale Prices?" by J. M. Ramsey, Austin; "The Importance of the Correct and Truthful Naming and Description of Varieties," by J. B. Baker, Fort Worth; "Fundamental Causes of Enemies and Diseases of Trees and Plants," by Eltweed Pomeroy, Donna; "Choosing Varieties Best Suited to Each Zone or Locality," by J. S. Kerr.

Immediately following the adjournment of the meeting the delegates were taken in automobiles that had been provided by the entertainment committee of the Young Men's Business League for a drive through the city and parks, followed by a barbecue.

Among those in attendance at the convention were the following: President W. B. Munson, Denison; E. W. Kirkpatrick, McKinney; M. Falkner, Waco; Ed. L. Ayers, chief state inspector of orchards and nurseries, Austin; L. J. Tackett, Fort Worth; J. T. Osburn, Lindale; J. R. Mayhew, Waxahachie; G. W. Weaver, Swan; P. C. Moore, Tyler; J. M. Thompson, Waco; J. B. Baker, Fort Worth; A. C. Franklin, Rockdale; J. H. Arbenz, Sarita, H. E. Cannon, Henderson; M. S. Shamburger, and S. P. Ford, Tyler; W. D. Griffing, Port Arthur; C. C. Mayhew, Sherman; Tom Wolfe, Waco; John Gorham, Bosqueville; O. K. Phillips, Rockdale; J. M. Ramsay, Austin; W. D. Luffing, Port Arthur; J. L. Downing, Wichita Falls; J. L. Quicksall, Waco. Secretary H. Ivan Martin, Port Arthur, was unable to attend the meeting and a telegram conveying the regrets of the association was sent to him. M.

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PIN OAKS, 1¼-3 inch cal.

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Western New York Field Grown Rose Bushes

We have this season particularly fine plants of
Magna Charta, Selected forcing grade.....\$12.00 per 100
Strong No. 1 grade..... 10.00 per 100

Also a good assortment of other leading florists' varieties. Send for list.

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25 Acres—Best Varieties.

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For the Best New and Standard

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Full Line of Fruit Trees and Plants.

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In any quantity and any size desired.
My Privet has more branches than what
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Carloads a Specialty.

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Well grown and in large supply.

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The Shrewsbury Nurseries

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Similar to Farleyense, easier to grow, and much hardier.
 3-inch pots \$1.50 per doz.; \$10.00 per 100
 4-inch pots 2.50 per doz.; 20.00 per 100
 6-inch pots 1.00 each

Ficus Elastica

A splendid lot of 4-inch pots, \$3.50 per doz.; \$25.00 per 100

Ananas Sativa Variegata The Variegated Pineapple

Splendid Plants in 4-inch pots.....	Each	\$0 60
“ “ “ 5-inch “	1 00	
“ “ “ 6-inch “	1 50	

Araucaria Excelsa

As there are no prospects of imports of these arriving from Belgium this fall, we recommend early orders, small sizes have already been sold out, the sizes noted below are very fine and the best values we have ever offered.

5-inch pots, 10 to 12 inches high, 3 tiers.....	Each	\$0 60
6-inch “ 12 to 15 “ “ 3 to 4 “	75	
6-inch “ 16 to 18 “ “ 4 “	1 00	
7-inch “ 18 to 20 “ “ 4 to 5 “	1 25	

Araucaria Excelsa Glauca

6-inch pots, 8 inches high, 2 tiers.....	Each	\$0 75
7-inch “ 12 to 14 “ “ 3 to 4 “	1 25	

Araucaria Robusta Compacta

6-inch pots, 10 to 12 inches high, 2 tiers.....	Each	\$1 00
6-inch “ 12 to 14 “ “ 3 “	1 25	
7-inch “ 14 to 16 “ “ 3 “	1 50	

Crotons

A splendid collection of the most attractive varieties for florists' work, well colored plants of good value.

4-inch pots.....\$4.00 per doz.; \$30.00 per 100
 5-inch “\$6.00 to \$9.00 per doz
 Large plants.....\$1.00 and \$1.50 each

Cibotium Schiede

It is almost impossible to put up a first-class decoration without including some of this beautiful variety.

Fine 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5.00 each

For the most complete list of seasonable stock in Plants, Bulbs, Seeds and Sundries see our current Wholesale List

HENRY A. DREER, 714 and 716 Chestnut St., Phila., Pa.

The above prices are intended for the trade only.

Special Sale of Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

4-in. pans.....	\$ 4.00 per doz.
5-in. pans.....	6.00 per doz.
6-in. pans.....	12.00 per doz.
7-in. pans.....	15.00 per doz.
8-in. pans.....	24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2 1/4-inch pots a Specialty.

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THE FERNERIES

Lawrence and Winnaleg Avenues

SAN FRANCISCO, - CALIF.

SEASONABLE STOCK

Adiantum Croweanum, grand 4 in. pot stock, \$15.00 per 100.
 Asparagus Plumosus, bushy, 2 1/4 in., \$3.00 per 100; \$25.00 per 1000.
 Asparagus Sprengeri, strong 3 in. stock, \$5.00 per 100.
 Bougainvillea, bushy, well trimmed, 4 in. pot plants, \$15.00 per 100; 5 in., \$26.00 per 100.
 Begonia, Glory of Cincinnati and Davenport, good 5 in., \$40.00 per 100.
 Dracaena Terminalis, well colored 5 in. pot plants, \$50.00 per 100.
 Fern Dish Ferns, strong, out door grown 2 1/2 in. pot plants, all varieties, \$3.00 per 100; \$25.00 per 1000.
 Hydrangea Otaksa and all French sorts, 4 in. pot plants, \$15.00 per 100; 5 in. pot plants, \$20.00 per 100. Field grown specimens for 8 to 10 in. tubs, 8 to 12 shoots, \$25.00 per 100; both in Otaksa and French varieties.

Send for catalog No. 5.

The Storrs & Harrison Co., Painesville Nurseries,
PAINESVILLE, OHIO

The Early Advertisement Gets There

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, October 5.—Mushrooms, home grown, No. 1, 25 to 30 cents per pound; lettuce, cases, 7 to 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 75 to 85 cents; tomatoes, baskets, 25 to 50 cents.

New York, October 5.—Celery, per bunch of 12 stalks, 12 to 40 cents; cucumbers, 50 cents to \$1.00 per basket; mushrooms, \$1.00 to \$2.25 per 4-pound basket; tomatoes, 50 cents to 90 cents per package; radishes, per basket, 30 cents to 60 cents; lettuce, per 3 dozen strap, 60 cents to 75 cents.

Humidity For Cucumbers.

ED. AMERICAN FLORIST:

What is the most desirable degree of humidity under glass? My cucumbers are not making satisfactory progress as I believe the hot weather dries out the houses too much. The temperature at night runs from 65 degrees to 70 degrees. It is my intention to secure a hygrometer to regulate the humidity.

K. K.

Louisiana.

During our long experience under glass, both with flowers and vegetables, we have never used a hygrometer, nor run across such an instrument in any establishment where commercial crops are grown. Hence, we cannot advise as to the value of the article; further, we wish to admit owning a considerable prejudice against any such mechanical aid. We believe that a good grower should be a living thermostat or hygrometer, and that he should be able to instantly determine what is needed the moment he enters a house. That is part of his experience and training and this quality is "non-transferable"—it cannot be bought nor sold, but it can be acquired by faithful attention to details, and close observation.

There are a few important principles which we must mind closely in greenhouse culture. One of these is atmospheric moisture. Some crops demand more and some less. One way to obtain moisture is to sprinkle the walk, the wall, and sometimes the glass roof; another way is to provide ample ventilation and depend upon the fresh air from outdoors to balance our moisture requirements. For example, rose growers generally prefer to use the hose to get their moisture, while carnation specialists prefer the fresh air treatment. As a rule, small houses need more attention with the hose than large ones. Another excellent rule to follow is to watch the drying up of a house. If a house is thoroughly dampened or syringed between 9 and 10 a. m., and by noon all traces of moisture have disappeared, a second application may be in order during the noon hour. If, however, the early morning application is partly carried past the noon

hour a second syringing would be dangerous, as by carrying moist foliage into the night, we court diseases with most crops.

Cucumbers love generous treatment—plenty of nourishment in the soil, part of which must be humus; plenty of moisture in the ground and in the air; and also a fair degree of heat. While there are growers who maintain that cucumbers flourish in high temperature, we believe they are partly mistaken. Cucumbers do their best where the maximum temperatures are not excessive, say not beyond 85 degrees Fahrenheit. With a steady night temperature of 65 to 68 degrees, a soil full of humus and faithful attention as above, they should flourish. During the cool months, close attention must be paid to pollination, either by hand or by bees.

MARKETMAN.

Vegetable Plants

Lettuce and Cabbage Plants, \$1.00 per 1000.
Parsley Plants, extra strong, 50c per 100.

R. Vincent Jr. & Sons Co., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.
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Pyramids, 2 -ft.....\$1.00 each
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Pyramids, 3½-ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Glohea, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in..... 35c each

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We quote White and Pink Enchantress and Beacon Carnation Plants at \$5.00 per 100; extra selected plants at \$6.00 per 100. New Winsor at \$5.00 and Washington at \$6.00 per 100.

Smilax at \$2.50 per 100; \$20.00 per 1000.
Rooted cuttings of S. A. Nutt, Grant and La Favorite at \$12.50 per 1000.
Ask for our Fall Circular.

Geo. A. Kuhl, Wholesale Grower Pekin, Ill.

Carnation Plants

No 1 Plants: No rust or stem rot

Enchantress, White Enchantress, Rose Pink Enchantress, White Perfection, Mrs. C. W. Ward, Beacon, Herald.

\$5.00 per 100, all varieties.

Cash with order.

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Per 100
Chinese and Malacoides, 2¼ in. pot. \$2.00
Forbesii, Obc. Alba, Rosea and Ruby, 2¼ in. pot..... 1.50
Obc. Gigantea, 2¼ in. pot..... 2.00
Asp. Plumosus, 2¼ in. pot, \$18.00 per 1000..... 2.00
Asp. Sprengerii, seedling, \$7.00 per 1000..... 1.00
Vinca Var., field plants..... 5.00
Pansy Plants, giant flowering, \$2.50 per 1000.

—CASH—

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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Parsnips, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Ploxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality
ALSO GROW LARGELY ON CONTRACT.

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Plants in 7-inch pots.....\$2.00 each

Araucaria Excelsa.

5-inch pots, 2 ft. high with 5 whorls.....\$1.00 each
6-inch pots, 2 ft. 6-in. high with 6 whorls...\$14.00 per doz.; 1.50 each

Crotons.

All the best varieties.....4-inch, \$3.75 per doz., \$30.00 per 100
4-inch specials, well grown, large as ordinary 5-inch plants, 60c each;
\$50.00 per 100. 6-in. special, 2 to 3 ft. high, at 75c each.

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4-inch, home-grown, well budded, exceptionally good for basket work, 20c each; \$15.00 per 100.

Send for sample.



Croton Baronne de Rothschild.

Solanum Melvini.

In fruit and bloom, 4-inch, strong, special price to make room, \$2.00 per doz.
\$15.00 per 100; 5-inch, \$3.00 per doz.; \$25.00 per 100.

Primula Obconica.

2½-inch pots.....\$3.25 per 100.; \$30.00 per 1000

Smilax.

2½-inch pots.....\$2.50 per 100.

Cyperus Alternifolius.

4-inch.....\$10.00 per 100

Give us a chance to quote you. Inspection of our stock cordially invited.

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Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100; \$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2 in., \$1.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Parsley, double curled, \$2.50 per 1000.
Good packing—prompt shipment.

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Plants with 7-10 branches....\$30.00 per 100
Plants with 5-6 branches.... 25.00 per 100
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Bouquet Rose, rasy amber, turning to bright pink. Gen. De Vibraye, bright rose-color, large beads. La Lorraine, bright pink, large flowers. Mme Maurice Hamar, flesh-rose color, large flowers and trusses. Mme. E. Moulliere, best white variety on the market. Radiant, a superb, rich, rose-carmine.

These are a magnificent lot of plants, with lat. lussy branches. All are grown in 6 inch pots, plunged out-of-doors during the summer.

Otaksa, the old stand-by, plants with 4 branches, \$15.00 per 100. Order now for early shipment, while weather is still safe.

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Instead of just selling you plants, we have adopted the policy of helping you move them quickly. Boston and Whitmani Ferns will sell very fast now if you push them, so we suggest that you have a big **Fern Sale**—offering the splendid pot-grown, luxuriant, healthy plants which we can now sell you at the following remarkably low prices:

- 5-inch Boston Ferns.....20c each
- 6-inch " "35c each
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The above Boston Fern Cut free with orders for 25 or more Boston Ferns—a handsome Whitmani Cut free with orders for 25 or more Whitmani Ferns.

- 5-inch Whitmani Ferns, 20c each
- 6-inch " " 35c each

Make up your order now while the thought n your mind and send today to

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Liberal extras for early orders. Special prices.

Size of pots	100	1000
2 1/4-in. Asparagus Plumosus	\$2.50	\$22.50
4 -in Asparagus Plumosus	7.50	70.00
2 1/2-in. Asparagus Sprengeri	2.50	22.50
4 -in. Asparagus Sprengeri	6.50	60.00
2 1/2-in. Begonia, Flowe ing. 12 kinds..	5.50	50.00
2 1/2-in. Begonia Chatelaine.	5.00	45.00
4 -in. Begonia Chatelaine.	8.00	75.00
2 1/4-in. Chinese Primroses. 30 kinds..	3.00	25.00
4 -in. Chinese Primroses.	7.50	70.00
2 1/4-in. Cinerarias. Choice mixed.	2.50	22.50
2 1/4-in. Coleus. 15 varieties.	2.50	22.50
2 1/4-in. Cyclamen. Eight varieties.	4.50	40.00
3 -in. Cyclamen. Fine plants.	7.50	70.00
2 1/4-in. Double Petunias	2.75	25.00
2 1/4-in. Primula Obconicas. Choice mixed	2.50	22.50
3 1/2-in. Primula Obconicas.	6.00	55.00
2 1/4-in. Geraniums. 15 varieties.	2.25	20.00
3 1/2-in Stevia. Dwarf or tall.	7.00	65.00
2 1/2-in. Smilax. Large plants.	2.50	22.50
4 -in Ferns. Boston, Scottii, Whitmani, Roosevelt, Scholzei.	20.00	
5-6-7-in Dracaena Indivisa,	\$15.00, \$20.00, \$25.00	
Pansy Pl. nts.	\$4.00 per 1000.	
Violet Plants. Field grown, Princess of Wales,	\$5.00 per 100 \$45.00 per 1000	

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100,000 Field-Grown CARNATION PLANTS

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate or later delivery. Hurry!

	100	1000	100	1000
White Perfection	\$3.50	\$30.00	Philadelphia.....	\$3.50 \$30.00
Rose Pink Enchantress,			Zoe Symonds.....	3.50 30.00
Mrs. C. W. Ward.	3.50	30.00	Washington.....	3.50 30.00

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High Class **PALMS**
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Crenata Fl. Pl.
Pot-grown stock, very bushy, ready now.
8 inch pots.....dozen, \$3.00; per 100, \$25.00
6 inch pots.....dozen, 2.50; per 100, 18.00
Vaughan's Seed Store,
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10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

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Alternantheras, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

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DOUBLE SWEET ALYSSUM.
Fine 3-inch stock—\$3.50 per 100.
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162 North Wabash Avenue, CHICAGO, ILL.
Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

ARAUCARIAS.

Araucarias, Excelsa, 5-in., 3 to 4 tiers, 75c each; 6-in., 4 tiers, \$1; 7-in., 4 to 5 tiers, \$1.25; 7-in., 5 tiers, \$1.50 to \$2. Robusta Compacta, 6-in., 2 to 3 tiers, \$1 each; 7-in., 3 tiers, \$1.50; 7-in., 3 to 4 tiers, \$2; 9-in., 5 to 6 tiers, \$4 to \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias, Excelsa, 5-in., 3 tiers, 60c each; 6-in., 3 to 4 tiers, 75c; 6-in., 4 tiers, \$1; 7-in., 4 to 5 tiers, \$1.25. Excelsa glauca, 6-in., 2 tiers, 75c; 7-in., 3 to 4 tiers, \$1.25. Robusta Compacta, 6-in., 2 tiers, \$1; 6-in., 3 tiers, \$1.25; 7-in., 3 tiers, \$1.50. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Araucaria Excelsa, 5-inch pots, 2 ft. high, 5 whorls, \$1 each; 6-inch, 2 ft. 6-in. high, 6 whorls, \$1.50 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS in flats of 100 each, \$1. Extra strong 3-inch, \$4 per 100; \$35 per 1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

ASPARAGUS SPRENGERI.
Strong 2 1/2-inch stock, \$2.00 per 100.
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Asparagus plumosus, 2 1/2-inch, \$2 per 100; \$18 per 1,000. Sprengeri, seedlings, \$1 per 100; \$7 per 1,000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus, 2 1/2-inch, \$3 per 100; \$25 per 1,000. Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch pots, \$5 per 100; 4-inch, \$12.50. HENRY SMITH, Grand Rapids, Mich.

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Begonias, flowering, 12 kinds, 2 1/2-inch, \$5.50 per 100; \$50 per 1,000. Chatelaine, 2 1/2-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

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Per 100
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BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.
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Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

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Bulbs, Paper White Grandiflora, mammoth, 1,000 to case, 14 ctms., \$10 per 1,000; first size, 1,200 to case, 13 ctms., \$9 per 1,000.
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WHITE PERFECTION	Per 1,000
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500 choice plants at \$18.00, cash, to clean up. First come first served. Hurry!
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Cash, please.
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CYCLAMEN GIGANTEUM,
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Mostly pink, red and salmon colors of the Improved Wandsbek. We need more space, therefore 10% off for cash on plants only.

2 1/2-inch	\$ 5.00 per 100
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Giganteum Improved, finest German strain obtainable, 10 varieties, equally divided, separate or mixed, including Improved Glory of Wandsbek, light and dark, \$5.00 per 1000; \$3.00 per 500; \$1.00 per 100. Salmon Improved Glory of Wandsbek, separate, \$7.00 per 1000; \$4.00 per 500; \$1.25 per 100. Cash, please.

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CYCLAMEN GIGANTEUM.
Wandsbek type—Finest obtainable.

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3-inch	\$ 5.00	\$45.00
3-inch	8.00	75.00
3-inch, extra select	10.00	90.00
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50,000 extra healthy and large field-grown **DRACAENA INDIVISA,** \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000 6, 7 and 8-inch pot-grown. **ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.**

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Boston, 5-inch 25.00 per 100
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ASPLENIUM NIDUS AVIS (Bird's-nest Fern). Good, strong, healthy plants, 4-inch pots, \$40 per 100; 6-inch pots, \$75 per 100; 6-inch pots, \$100 per 100. **WM. K. HARRIS, 55th and Springfield Ave., W. Philadelphia, Pa.**

FERNS, strong pot-grown stock that is clean and guaranteed to please. **Boston and Whitman,** 5-inch, \$25 per 100; 4-inch, \$12.50 per 100; strong runners, \$2 per 100. **SUPERIOR NURSERY CO., Los Angeles, Calif.**

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Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

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HELIOTROPE, 4-inch pots, \$3 per 100. HENRY SMITH, Grand Rapids, Mich.

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Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouillere, Mme. Maurice Hamar, Souvenir de Mme. E. Chantard, Senateur Henri David. Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$6 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas, Otaksa and all French sorts, 4-in. pot plants, \$15 per 100; 5-in., \$20 per 100. Field-grown specimens for 8 to 10-in. tubs, 8 to 12 shoots, \$25 per 100, both in Otaksa and French varieties. The Sturrs & Harrison Co., Paloesville, Ohio.

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Hydrangen Otaksa, 4-inch, home-grown, well budded, 20c each; \$15 per 100. Vaughan's Seed Store, Chicago and New York.

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Irisess. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

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GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

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JERUSALEM CHERRIES, from frames, ready for 6-inch pots, full of fruit and flowers, \$10 per 100; big value. HENRY SMITH, Grand Rapids, Mich.

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Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices. \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

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Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Ageratum, Coleus, double alyssum, English ivy, heliotrope, lyg geraniums, lantanas, lemon verbenas, moonvines, parlor ivy, petunias, pompon chrysanthemums, salvia, swainsona, trades-cantia, 2-inch, \$2 per 100; 3-inch, \$3 per 100. R. Vincent, Jr. & Sons Co., White Marsh, Md.

Seedlings: Coreopsis Grandiflora, aquilegia, bellia perennials, hardy pinks, forget-me-nots, sweet william, wall flowers, Canterbury bells and foxglove, 35c per 100; \$2.45 per 1,000; \$10 per 5,000. William Riley, Torreadale, Pa.

MOSS.

SPHAGNUM MOSS, 12-bbl. bale, \$3; hurlaped. Joe H. Paul, Box 156, Manahawkin, N. J.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Norwyy maples, 1-5-inch Cal. Oriental pines, 1-4-inch Cal. Pin-Oaks, 1 1/2-3-inch Cal. Write for prices. The Shrewsbury Nurseries, Eaton-town, N. J.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantsville, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogoto (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Single Plants.		Each.
4-inch pots,	Leaves.	Inches high.
5 to 6,	18	\$.40
6-inch pots,	6 to 7,	24
6 to 7,	28 to 30.	1.00
6-inch pots,	6 to 7,	32 to 34.
6 to 7,	36	3.00
8-inch tubs,	6 to 7,	38
8-inch tubs,	6 to 7,	48
		5.00

KENTIA BELMOREANA.

Made-up plants. 6-inch pots, 3 plants in a pot, 24 ins. \$1.50 7-inch pots, 3 plants in a pot, 38 ins. 3.50 Specimens, very heavy \$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.		Each.
6-inch pots,	Leaves.	Inches high.
5 to 7,	28 to 30.	1.00
6-inch pots,	6 to 7,	34 to 36.
6-inch pots,	6 to 7,	38 to 42.
6-inch pots,	6 to 7,	44 to 46.
8-inch tubs,	6 to 7,	50 to 54.
8-inch tubs,	6 to 7,	5 ft.
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.
10-inch tubs,	6 to 7,	5 to 6 1/2 ft.

POEHLMANN BROS. CO., MORTON GROVE, ILL.

LATANIA PALMS and PANDANUS VEITCHII, in 15-inch tubs, suitable for hotel and other decorations, at bargain prices. HENRY SMITH, Grand Rapids, Mich.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncoote, Pa.

PANSIES.

PANSY PARK PERFECTION is the most thoroughbred strain of giant show and fancy pansies, the flowers of largest size and most perfect form. I have made growing of pansy seeds and plants a specialty for over 40 years, and it is the result of many years of breeding and selection. It also contains every variety introduced by foreign growers to date. Some of the reports: "The pansy plants all look like good, healthy, stocky plants, and we feel will come up to all expectations." Henry J. Hass & Son, Newport, R. I. "I would like to get 4,000 or 5,000 of your pansy plants. I saw a house of pansies from your stock last winter and they were the finest I ever saw." Harry W. Stewart, Rhinebeck, N. Y. An immense stock of fine field-grown plants from seed sown in August in sandy soil, thinly broadcast, so that the plants grow short and stocky, with extra good roots. Over 75 varieties mixed, the reds, bronzes and best fancy sorts in large proportion. 1,000, \$3.00; 500, \$1.75; 5,000, \$14.00; 10,000, \$27.00. Delivery by express in good condition guaranteed. Cash. L. W. Goodell, Pansy Park, Dwight, Mass.

PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common giant mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS from Henry Mette's seeds. All giant flowering, strong, atocky plants, ready now, \$2.50 per 1,000; \$10 per 5,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Nice thrifty PANSY PLANTS from Danish seed, mixed colors, \$2.50 per 1,000. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos H. Cunningham, Delaware, O.

PANDANUS.

PANDANUS VEITCHII, 3 to 5-inch pots, 25c to 75c each. Specimen plants, 8 to 10-inch pots, \$2 to \$3 each; big value. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

PEPPERS. Fine 4-inch stock, \$6.00 per 100. JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

CELESTIAL PEPPERS from 6-inch pots, field-grown, full of fruit and flowers, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PERENNIALS.

Perennials, Delphinium Gold Medal hybrids, \$8 per 100; Formosum, \$6 per 100; Belladonna, \$10 per 100. Phlox, Ant. Merciey, Beranger, Clara Bauz, Eliz. Campbell, Gen. Van Heutz, Mrs. Jenkins, \$6 per 100; \$55 per 1,000. Vaughan's Seed Store, Chicago and New York.

Ten thousand Perennials, field-grown, eighteen varieties. Will exchange for 2 1/2-in. hydrangea, nursery stock, violets, canna, gladiolus or what have you; or sell for \$3 per 100. Gerstenkorn & Klumpp, R. 4, Box 128, Decatur, Ill.

PERENNIAL PLANTS, large assortment, strong plants, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

POINSETTIAS.

POINSETTIAS, Choice Stock.		1,000
Large Quantity, Choice Stock.		
2 1/2-inch	.....	\$5.00
2 1/2-inch, extra select	.....	6.00
3 -inch	.....	8.00

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

POINSETTIA HEADQUARTERS. All top cuttings, 2 1/2-in., \$4.50 per 100; \$40 per 1,000; fine stock. Extra select, \$5.50 per 100; \$50 per 1,000; 3-in., \$8 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias for Christmas pans, strong, healthy, well rooted, 2 1/2-inch pot plants, all top cuttings at \$6 per 100; \$50 per 1,000; 250 at 1,000 rate. G. BRUNNER'S SONS, Rosemont Ave., Price Hill, Cincinnati, Ohio.

Clearance sale price of strong 2 1/2-inch, Poinsettias, \$4 per 100; 20 one-year-old plants given free with each order of 100; none better anywhere. Cash please. Heintz & Weber, 1640 Plum St., Terre Haute, Ind.

POINSETTIAS. 2 1/2-inch, 4 1/2; 3 1/2-inch. 10. Strong stock, Cash, please. JOY FLORAL CO., Nashville, Tenn.

POINSETTIAS, strong stock, all top cuttings from 3-in. pots, \$5-100; \$45-1,000. SUPERIOR NURSERY CO., Los Angeles, Calif.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS, 2 1/2-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

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PRIMULAS.

PRIMULA OBCONICA.
GIGANTEA AND GRANDIFLORA.
2 1/4-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch \$6.00 per 100.
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

PRIMULA OBCONICA GRANDIFLORA and GIGANTEUM, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100. MALACOIDES, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100. ERNEST ROBER, Wilmette, Ill.

Primroses, Chinese and Malacoides, 2 1/4-inch, \$2 per 100. Forbesii, Obconica Alba Rosea and Ruby, 2 1/4-inch, \$1.50 per 100. Ob. gigantea, 2 1/4-inch, \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

Primroses, Chinese, 2 1/4-in., \$3 per 100; \$25 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Primula obconica, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000; 3 1/2-in., \$6 per 100; \$55 per 1,000. Alonzo J. Bryan, Washington, N. J.

PRIMULA MALACOIDES.
2 1/4-inch, \$3.00 per 100; \$25.00 per 1,000; 3-inch, \$6.00 per 100.
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

Primula obconica, 2 1/4-inch, \$3.25 per 100; \$30 per 1,000. Vaughan's Seed Store, Chicago and New York.

PRIMULA OBCONICA. Miller's Giant, free flowering, fine 2-inch, \$2.50; 3-inch, \$4 per 100. Cash. J. W. Miller, Shiremanstown, Pa.

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PRIVET.
WE OFFER AMOOR RIVER PRIVET.
Each Tea 100 1,000
18-24 in., light.....10c \$0.75 \$ 3.50 \$ 30.00
2-3 ft.15c 1.00 7.50 60.00
3-4 ft., heavy.....20c 1.25 10.00 75.00
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Also see our ads under Spirea and Berberry. Send today for our complete price list.
AURORA NURSERIES,
Telephone 339. Aurora, Ill.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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ROSE PLANTS.
Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

Per 100 Per 1,000
Pink Killarney, 2-inch\$4.00 \$35.00
White Killarney, 2-inch 4.00 35.00
Killarney Brilliant, 2-inch..... 7.00 60.00

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162 North Wabash Ave., CHICAGO.

FOR RESULTS, discriminating florists buy our Western New York Field Grown Rose Bushes. We have this season particularly fine plants of Magna Charta, selected forcing grade, \$12 per 100; strong No. 1 grade, \$10 per 100. Also good assortment of other leading florists' varieties. Send for list. JACKSON & PERKINS COMPANY, NEWARK, New York.

ROSE PLANTS, Killarney, Am. Beauty, Kaiseria, Maryland, etc., 3-inch pots, \$6 per 100; 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

SEEDS.

Seeds, sweet peas: Fiery Cross, packets of 10 seeds, 25c; \$2 per doz. pkts.; \$13.75 per 100; in lots of 500 or more, \$12.50 per 100 pkts. The President, pkts. 10 seeds, 25c; 5 pkts., \$1; \$2 per doz.; \$13.75 per 100; 500 or more, \$12.50 per 100. New Spencer Hilary Christy, pkts., 10 seeds, 15c; 2 pkts. for 25c; \$1 per doz.; \$7 per 100; 500 or more, \$6.25 per 100 pkts.; packets of 20 seeds, 25c; 5 pkts., \$1; \$2 per doz.; \$13.75 per 100; 500 or more, \$12.50 per 100 pkts. W. Atlee Burpee & Co., Philadelphia, Pa.

PANSY SEEDS. finest GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant Mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN SEED. Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

SEEDS.

Seeds, tomato, pepper, egg plant, aquash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, wholesale field and garden seeds, J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, specialties: beets, mangoes, carrots, cabbage, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Filat and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, aquash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Filat and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn. Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, watermelon and okra; grown for wholesale trade. W. E. Haile, Monticello, Fla.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

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Strong 2 1/4-inch stock, \$1.75 per 100.
JOHN KRUCHTEN CO.,
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Smilax, 2 1/4-in. pots, \$2.50 per 100. Vaughan's Seed Store, Chicago and New York.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

Smilax, \$2.50 per 100; \$20 per 1,000. Geo. A. Kuhl, Pekin, Ill.

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SPIREAS.
WE OFFER SPIREA VAN HOUTTEI.
Each Ten 100 1,000
2-3 ft.15c \$1.00 \$7.00 \$60.00
3-4 ft.20c 1.25 8.00 75.00
Send today for our complete price list. Also see ads under Privet and Berberry.
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Telephone 339. Aurora, Ill.

STEVIA.

STEVIA, field-grown, large and bushy, \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

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SWAINSONA, white, 4-inch, ready for benching, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Lettuce and cabbage, \$1 per 1,000. Parsley, 50c per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

VINCA VAR., rooted cuttings, \$1.25 per 100; \$10 per 1,000. Large field-grown plants, \$5 per 100. L. C. Lewis, Pontiac, Mich.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCAS—Field-grown plants, variegata, \$4 per 100. Rooted tips, variegata, \$1 per 100; \$9 per 1,000. THE REESER PLANT CO., SPRINGFIELD, OHIO.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

VIOLETS, Gov. Herrick, extra fine field clumps, \$5 per 100. Cash. Ship now or later. W. H. CULP & CO., Wichita, Kansas.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

FOR SALE—Strong violet plants, 3-inch, Princess of Wales, \$5 per 100; \$45 per 1,000. CALVERT FLORAL CO., Lake Forest, Ill.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus, Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manure. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c postpaid. Elmer D. Smith & Co., Adrian, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

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KROESCHELL BROS. CO , 452 WEST ERIE ST. CHICAGO, ILL.

Nashville, Tenn.

TRADE CONDITIONS SHOW IMPROVEMENT.

The bright fall weather has already brought great revival of business in all lines, and the florists particularly, are rejoicing over increased business in their line. In many respects the past summer has been a hard one, with variable temperature—sometimes too hot and entirely too dry, and then an unseasonable coolness, altogether hard on the grower. Some of the trade report, however, that as far as business is concerned it has been the best all around summer they have ever had. The flower supply while not abundant through the hot period has been fairly good, and with the aid of outside shipments when the supply was short, all orders have been filled. Fall stock is looking well and chrysanthemums have already appeared on the market, small as yet, but some of the best of the white and pink varieties. Roses are coming in plentifully and some very good home grown varieties are shown over the counters. Carnations are abundant and are coming on rapidly. They are unusually good for this time of the year and there is promise of a fine crop. Fall bulbs have been put on sale and meet with ready demand. There are some lilies on the market and the supply of lily of the valley is plentiful.

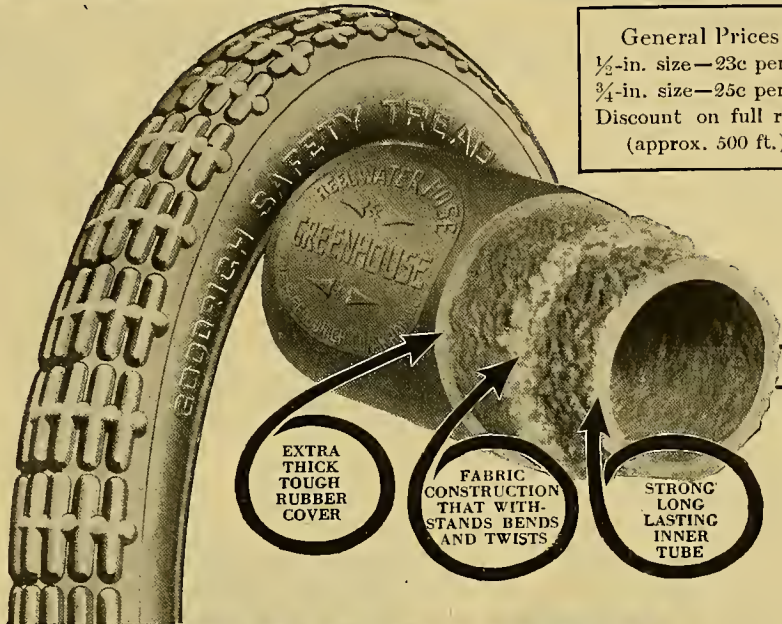
NOTES.

The McIntyre Floral Co. is making quite extensive improvements at their shop on West End avenue. Over the store extension running to the street which was only one story high, they are erecting a pergola, which they intend to decorate in winter with evergreens, and in summer with vines and hanging baskets. They are also arranging for a cold storage cellar for cut flowers and a room for storage of wire designs in the rear of their building. Their flower stock is in fine condition and at present they are cutting an unusually fine lot of dahlias of many varieties and colors.

The Joy Floral Co. reports four good wedding decoration orders booked for next week and the other florists have good business in this line in sight. Thomas H. Joy, manager of this firm's uptown store, left October 2, for a business trip to Memphis, to extend already good business coming from that city. The shipping business is steadily increasing and the cities further south are getting the benefit of the surplus of the fine stock raised in this city.

Geny Bros. are cutting a fine lot of lilies, and have plenty of roses of the varieties Russell, Ophelia, Hoosier Beauty and Prince E. C. de Arenberg among others. This firm is putting in its own ice plant at the store. A good business throughout the season is reported and they have an ample supply of flowers to meet all demands.

M. C. D.



General Prices :
1/2-in. size—23c per ft.
3/4-in. size—25c per ft.
Discount on full reels
(approx. 500 ft.)

**GOODRICH
"GREENHOUSE"
HOSE**

Try Goodrich "Greenhouse" on your next order! That extra thick, extra tough wear-resisting cover—compounded to endure by the world's largest factory, the factory that builds the road-resisting treads found on Goodrich Automobile Tires—is giving months of service where other hose lasts but weeks.

Then, too, "Greenhouse" is not readily affected by kinks, twists, sharp bends—that cause other hose to leak, crack, break, split apart.

"Greenhouse" is, in addition, flexible and easy to work with. It saves time in use. Withstands high pressures, too. Any length desired in one continuous piece.

Write for sample—and test it yourself.

The B. F. Goodrich Company

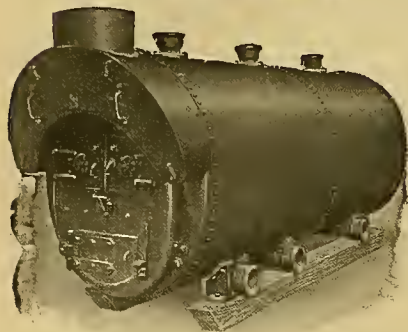
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INTERNAL-FIRED BOILER

For Hot Water Heating



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CHICAGO

AETNA BRAND TANKAGE FERTILIZER

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

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Dreer's Peerless Glazing Points
For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

1000, 75c. postpaid. Samples free.

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Philadelphia.

FULL
SIZE
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NIKOTEEN
For Spraying.

APHIS PUNK
For Fumigating.

Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

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AS THE SEASON ADVANCES

you want to be sure of quick service when in need of any greenhouse material. We not only promise but actually give you quick service, and can supply anything you need either for new greenhouses or repairs. 'Twenty-five years' experience.

Best Material.

Reasonable Prices.

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Greenhouse Material, Greenhouse Hardware, Hotbed Sash.



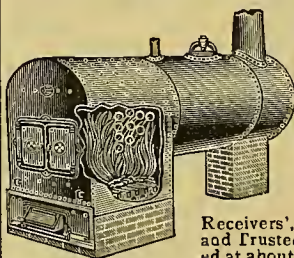
THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND.

Boilers

AT SMASHED PRICES!



SAVE 50%
on
High Grade
Boilers and
TUBES

Our tremendous stocks purchased for cash from Receivers, Liquidators and Trustees are secured at about one-half the usual cost. Thus we save you big money on the price of equipment.

Engineering Service Free.

You also benefit by our free engineering service. Our 23 years of experience are at your disposal free. Have our experts furnish plans and designs for your heating problems. Take advantage of the great savings made possible by this free expert service.

Our \$10,000,000.00 capital and reputation for honest and dependable dealing back every transaction. Tell us your needs. Get our incomparable low prices. Write for our big

Free Price Wrecker Heating Catalog No. 47.
CHICAGO HOUSE WRECKING CO.,
W. 35th and Iron Sts., CHICAGO

Note: 4-in boiler tubes at a bargain.

Mention the American Florist when writing

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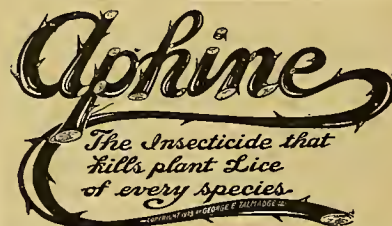
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Vol. XLV.

CHICAGO AND NEW YORK, OCTOBER 16, 1915.

No. 1428

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OFFICERS ELECT—DANIEL MACRORIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTINO, Buffalo, N. Y., Treasurer. Next annual convention at Houston, Tex., August, 1916.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Harbor, Me., June, 1916. WILLIAM GRAY, Newport, R. I., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., January, 1916. S. J. GONNARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., August, 1916. EMIL T. MISCHKE, Portland, Ore., President; R. W. COTTERILL, Seattle, Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November 10-14 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westery, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

Suggestions for Plant Growers.

Dahlias.

Before the dahlias were through blooming they should have been carefully named and a label properly inscribed fastened to each plant that it is desired to save. As soon as the plants are killed by the frost they should be cut down and the tubers dug. Leave about six or eight inches of stem and firmly attach the label to this in such a manner that it cannot become loosened and lost. A good, dry cellar, either with a cement or earthen bottom, will keep them nicely through the winter, but it should be frost proof and not too near a boiler or heater. The tubers can be placed closely together and then covered with soil and they will come through the winter and the tubers be nice and plump in the spring. They should be occasionally examined to see that they are not getting too dry or shriveling. If this happens cover the soil with papers and then sprinkle the paper and the soil will absorb the moisture.

Gladiolus.

As soon as the frost has killed down the foliage the gladiolus bulbs should be lifted and dried off. Keeping the varieties separate, the bulbs, with the tops attached, should be laid out in layers either on a light, dry shed floor, or on boards in the open air where they can be protected at night during frosty weather. A set of boards or frame shutters spread along on the south side of a building make a very fine place to dry them off and fully ripen the bulbs. Have plenty of covering handy that can be thrown over them on cold nights. When thoroughly ripened the bulbs can be broken from the tops and packed away. Look the bulbs over carefully for any diseased spots and if any having these are found, keep them separate from the sound ones, for it is the prevailing opinion that the disease may be communicated to a sound bulb by coming in contact with a diseased one. Of the

finer varieties and those which it is desired to increase, save all the small corms, and these can be planted to grow on in succeeding years to make flowering bulbs. There are so many new and meritorious varieties now being placed upon the market that the grower who has a market for gladioli should make it a point to use these, for the advance has been very rapid and many of the new ones are far ahead of the older varieties. This flower has forged rapidly ahead in the last few years as a cut flower, and with the improvement now going on is bound to retain its popularity.

Callas.

The calla bulbs that were planted in pots during August should now have a fine start and should be placed in the benches or pots where they are going to bloom. Make the soil good and rich—it can hardly have too much manure to get the best results, but do not use too fresh manure, have it partly rotted. If grown in pots and the bulbs are large give them a good size, nine or ten-inch is none too large, and pot firmly. After potting give the plants a good soaking and then withhold water until the plants have obtained a good foothold in the new soil, when they will require lots of water. Place them in a house where the temperature can be held at 60° at night if flowers during the winter are desired. Keep the plants tied up that the bloom may have straight stems. When cutting leaves be careful not to cut too low or the young flower that is enclosed in the leaf stem may be injured.

Mignonette.

As the weather grows cooler, the mignonette will begin to throw the long spikes that are so much desired by the best trade. The plants should be carefully kept tied or held erect for if they get bent over the stems will grow crooked and they are worthless. Growers adopt different methods for

doing this. Some grow them in wire rings similar to the carnation supports, others cut short brush sticks which they set between the rows of plants and still others run wire lengthwise of the bench and tie strings across, making a square around each plant in which it will stand erect. Other wires and strings are added as the plant grows. Keep the plants growing very cool from now on; a house at about the temperature of a violet house, that is from 36° to 40° at night, will produce the finest spikes of flowers. When the flower spikes begin to show keep the plants well disbudded, allowing only the center flower to bloom and all the side shoots should be cut off. This will have to be done very early with the first bloom that sets, for as soon as it forms, three shoots will immediately start to grow at the base of the flower; these should be removed as early as possible that the entire strength of the stalk can go into the terminal flower.

Convention Garden at Houston.

We present herewith portrait of C. L. Brock, superintendent of parks of the city of Houston, who on the recommendation of R. C. Kerr, of that city, President Welch has appointed superintendent of the Houston convention garden in connection with the annual meeting of the Society of American Florists in 1916. Mr. Kerr writes as follows, referring to Mr. Brock and the convention garden work:

"Mr. Welch is making the appointment this year a little in advance as conditions in the south for planting are such as to justify an early beginning. I consider this of great advantage to the convention garden as we will have more time to work up our exhibits and give it more publicity. Mr. Brock's experience covers a period of many years. He is superintendent of the parks of the city of Houston, which has tracts of land that are now being laid out and when complete will make Houston the southern city of parks. Mr. Brock has displayed wonderful ability in handling this work. He has a large force of men at work which is accomplishing great results. We are fortunate in having in our midst such a man to handle this work. Our plans at present are to outline about 20 acres which are ideally laid out, having already natural lakes and natural drainage that make this an ideal place for the convention garden. Mr. Brock is now getting busy on his plans and more than likely will enroll as assistant Mr. Kessler of St. Louis, Mo., who is working in conjunction with Mr. Brock in laying out the other parks. He is a man of national reputation for work of this kind. Exhibitors who anticipate making a display at the convention should write Mr. Brock or myself immediately for full information."

WEBSTER, MASS.—John Larsen and Edward Gustafson, formerly of Cromwell, Conn., have purchased the greenhouse of E. C. Reibe and will take over the business at once.

SPRINGFIELD, Mo.—The most elaborate display of cut flowers ever shown in this city was exhibited September 24, the occasion being the formal opening of the new store of the Charles H. Heer Dry Goods Company. The Stokes Floral Company furnished the floral decorations for the tea room, rest rooms, reception rooms and offices.

Chicago Florists' Club.

One of the largest gatherings in the history of the Chicago Florists' Club was that of Thursday evening, October 7, on the occasion of the great amalgamation banquet of that organization and the Cook County Florists' Association, held at the Hotel LaSalle, when considerably more than 100 members sat down for the feast. The tables were handsomely decorated for the occasion with fine samples of the Mrs. Chas. Russell rose from French & Salm, Union Grove, Wis., and a variety of choice hardy perennials from Vaughan's Nurseries at Western Springs. The occasion was one of great rejoicing on all sides, every one present brimming over with merriment and good fellowship. There was some music on the cabaret order, but this was not half so sweet to the ears of those in attendance as the warmth and



C. L. Brock.

Superintendent Houston Convention Garden.

enthusiasm shown in the congratulatory terms of the various addresses. H. N. Bruus was master of ceremonies and called on Alex. Henderson to officiate as toastmaster. After reading a letter regretting the inability of E. G. Hill to attend, as he had not yet returned from the San Francisco convention trip, Mr. Henderson called on President Keimel, who had for his subject "Benefits of the Florist Club to the Trade." W. N. Rudd spoke for the Horticultural Society, requesting his hearers to lend all their aid in making a success of the coming show at the Coliseum, November 9-14. R. Salm gave a brief account of the Mrs. Chas. Russell rose which decorated many of the tables. P. J. Foley urged the members to hurry up and secure for the club a representative on the board of directors of the Society of American Florists. Guy W. French referred at length to the coming flower show and how easy it will be to make a triumphant success of it if everyone helps a little. Leonard H. Vaughan told of his early experiences in the trade. Geo. Asmus eloquently described many of the leading features of the Fourth National Flower Show to be held at Philadelphia, March 25-April 2. C. W. Johnson, secretary of

the Chrysanthemum Society of America, detailed the plans of the great Cleveland show of his society, scheduled for next month. N. P. Miller presented an excellent address on flower show work. C. C. Pollworth and H. E. Phillpot congratulated the members on the occasion, telling of the good which comes of unity in trade organizations. R. Brenton spoke on flower show publicity and A. T. Pyfer addressed the audience on carnations. Mr. Phillpot journeyed all the way from Winnipeg, Man., and Mr. Pollworth from Milwaukee, Wis., to be present on this occasion. August Poehmann was unable to attend on account of an accident to his auto on the way in from Morton Grove, the mishap, however, not otherwise serious.

At the brief business meeting which preceded the banquet the following were elected members: Otto Amling, Herbert A. Amling, Ernest C. Amling, Maywood; August A. Traeger, Bellville, and John A. Evans, Richmond, Ind. Applications for membership included Clarence B. LeMer, 3656 Ogden avenue; Peter W. Hoefelder, 3720 Ward street, and F. J. Littleford, Downers Grove. The proposition to enter a team in the Mercantile Bowling League was referred to Allie Zech, chairman of the sports committee, as was invitation of Cleveland bowlers.

Painting Yellow Pine and Cypress.

In answer to a question as to why paint does not wear well or remain firm on yellow pine and cypress when used on exteriors of buildings the Painters' Magazine in a recent issue, offers the following:

Yellow pine is of very sappy or resinous nature and wherever the direct sun strikes the exposed painted surface it draws the sap, which is bound to throw off the paint unless it is specially prepared to withstand the action or direct sunlight. When the pitch or sap is not plentiful and the wood well seasoned, coating it with shellac varnish before painting will in most cases hold back the sap, but the best precaution is to omit the use of shellac varnish and use instead a priming composed of equal parts by weight of white lead in oil (kag-lead) and dry red lead, also pure, beating this mixture up with two parts by measure of pure raw linseed oil and one part pure turpentine, using no drier whatever, as the red lead will act as such. When well mixed, strain through a sieve and apply on the same day as it is mixed. Have this priming of the consistency of thin paint and rub well into the wood. If the pink tint given by the red lead is objectionable, add a little lampblack. Mix your next coat stout if made from white lead and oil, but rub it out well.

We would suggest a similar mixing for the priming coat for cypress as that recommended for the yellow pine, with this difference, however: that the white lead in oil and dry lead mixture be thinned with six parts by measure of raw linseed oil, three parts of turpentine and one part of 90 per cent coal tar benzol, holding the paint fairly thin and rubbing in well. Then follow with stout paint, rubbed out well.

HUTCHISON, KAN.—John Stamm, who has been engaged in the florist business here for a number of years, has sold his range to Fay Smith and Leonard Marston. The latter will be the active manager.



FLORIST CLUB OF CHICAGO
 1915

AMALGAMATION BANQUET CHICAGO FLORISTS' CLUB AND COOK COUNTY FLORISTS' ASSOCIATION, HOTEL LA SALLE, OCTOBER 7, 1915.
 The Floral Decorations Were Removed From the Tables to Permit Taking the Photograph.

Fourth National Flower Show.

PHILADELPHIA, MARCH 25-APRIL 2, 1916.

Chairman George Asmus of the national flower show committee has called a meeting of this committee to be held Tuesday, October 19, at 10 a. m., at the Bellevue-Stratford hotel, Philadelphia, Pa. At this meeting the schedules of the American Rose Society, the American Sweet Pea Society, the American Carnation Society and the American Gladiolus Society will be completed and other business relating to the show transacted. On the day previous to the meeting members of the national flower show committee

anything which will advance horticultural interests. As the second preliminary schedule will go out shortly after the meeting of the national flower show committee, donors of special prizes should communicate their wishes to the secretary without delay.

The all important business of selection of a design for the show poster has been taken up by W. F. Therkildson and his committee, and the result of their efforts will be presented at the forthcoming meeting. Some novel plans for publicity are expected to be evolved by this committee.

The plantings on the plots outside

Chrysanthemum Society of America.**EXAMINING COMMITTEES.**

President Wm. Kleinheinz announces the committees to examine new chrysanthemums for the ensuing year as follows:

Boston—Wm. Nicholson (chairman), James Wheeler, Alex. Montgomery. Ship flowers to chairman, care of W. J. Thurston, manager, Boston Flower Exchange, 1 Winthrop square and Opjs street, Boston, Mass.

New York—Eugene Dailedouze (chairman), Wm. H. Duckham, A. Herrington. Ship flowers to New York Cut Flower Co., 55 Twenty-second street, New York, care of chairman.

Philadelphia—A. B. Cartledge (chairman), John Westcott, S. S. Pennock. Ship flowers to A. B. Cartledge, 1514 Chestnut street, Philadelphia, Pa.

Cincinnati—R. Witterstaeter (chairman), James Allen, Henry Schwarz. Ship flowers to chairman, Jabez Elliott Flower Market, care of janitor.

Chicago—N. J. Wietor (chairman), George Asmus, Wm. E. Tricker. Ship flowers to chairman, 162 North Wabash avenue, Chicago.

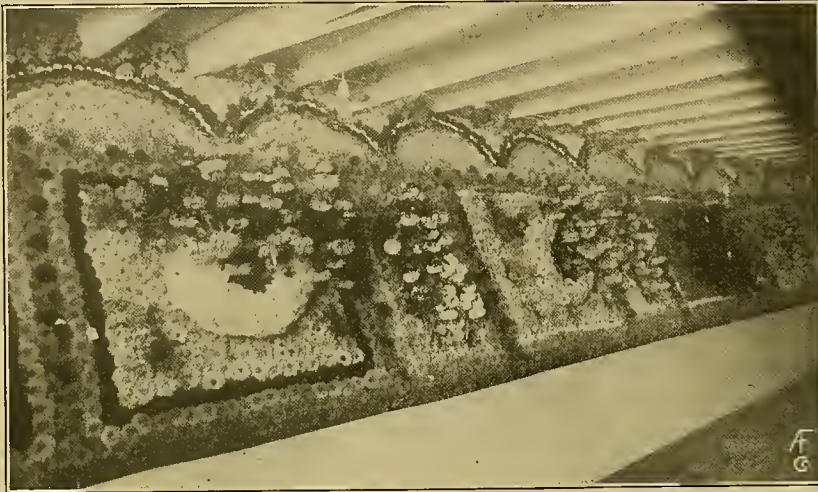
Shipments should be made to arrive by 2 p. m. on examination days to receive attention from the committee. Must be prepaid to destination and an entry fee of \$2.00 should be forwarded to the secretary not later than Tuesday of the week they are to be examined, or it may accompany the blooms.

Seedlings and sports are both eligible to be shown before these committees, provided the raiser has given them two years' trial to determine their true character. Special attention is called to the rule that sports to receive a certificate must pass at least three of the five committees.

The committees will be in session to examine such exhibits as may be submitted on each Saturday during October and November, the dates of which will be October 2, 9, 16, 23, 30 and November 6, 13, 20, 27.

Due to annexation and the changing of street names the secretary's address now is 2134 West 110th street, Chicago. CHAS. W. JOHNSON, Sec'y.

HACKETTSTOWN, N. J.—The Center Street Greenhouses have been leased by Herrick & Ross.



DAHLIA SHOW OF R. VINCENT, JR. & SONS CO., WHITE MARSH, MD.
Panel Arrangement of Many Varieties.

will meet the chairmen and members of the different local committees to talk over details of the work of preparation for the show, and if any member of the trade has a suggestion to make, either in regard to schedule or anything else bearing upon the conduct of the show, it would be well to communicate with the management in order that it receive proper consideration. As all know, the national flower show committee is composed of members of the S. A. F. and O. H. located widely apart, thus being representative of different communities, consequently it is not possible to have frequent meetings, and this opportunity to bring anything before the committee at this meeting should not be neglected.

Preparations in general are well advanced, and a great deal has been accomplished. Space in the trade section of the show is in good demand, reservations aggregating in value \$6,000 or more having even at this early date been made. It is expected that every foot of space available for trade exhibits will be sold a long time ahead of the show dates. The greenhouse builders, plantsmen and others have made early selections of locations, and but a few of the choicer blocks of space are left.

The committee is now prepared to receive offers of special prizes from the trade, and others whose business brings them in touch with enterprises of this character. It need not be pointed out that the publicity to be derived from our special prize list is worthy of consideration by all; and again, there should be some feeling of pleasure resulting from a helpful effort in

of Convention hall this summer have, as Robert Craig says, furnished good subject matter for publicity for the show, and it is to be regretted that the approaching frosty season necessitates the withdrawal of the crotons, the beds of which have daily attracted thousands. Looked at from every standpoint, the fourth national flower show bids fair to more than warrant the slogan that it will be "The Greatest Horticultural Event of 1916," and then some more.

JOHN YOUNG, Sec'y.



DAHLIA SHOW OF R. VINCENT, JR. & SONS CO., WHITE MARSH, MD.
An Artistic Arrangement on Tables to Cover the Side Walls of the Potting Shed.



DAHLIA SHOW OF R. VINCENT, JR. & SONS CO., WHITE MARSH, MD.

Blooms of Leading Varieties in Three-Foot Tubs and Border, Arranged on Tables in Center of the Hall, and Extending Eighty Feet.

Chimneys and Boilers.

ED. AMERICAN FLORIST:

What size square chimney is required for a round boiler with a 26-inch grate and 9-inch smoke outlet, coal to be used? In case it is desired to add another boiler the same size would the one chimney be sufficient for both? Should an open expansion tank be connected to the flow or the return? In the case of a hot water boiler, 49 inches from bottom to top, does the top of the boiler have to be level with, or below the lowest pipes or coil? What difference would it make if the top of the boiler was 10 or 12 inches above the lowest heat pipe or coil?

A. H. D.

A brick chimney, 12 inches square inside, would answer for two boilers with 9-inch smoke outlets. For one boiler, a 10-inch chimney would answer and an 8-inch chimney might be used if hard coal is to be burned, by increasing the height of the chimney.

We prefer to run the flow pipes downhill and as this will bring the highest point in the system near the boiler we would then connect the expansion tank to the flow pipes, thus doing away with any necessity for air-valves. In a downhill system the expansion tank may be connected with either flow or return pipes.

The higher the returns above the top of the boiler the better will the circulation be, and while fairly good results would probably be secured if the pipes are slightly below the top of the boiler, better results could be obtained if the boiler can be lowered. To some extent the same result may be obtained by raising the flow pipes.

In case it is necessary to keep the top of the boiler well above the returns, it will be well to place the system under pressure by attaching a mercury generator.

L. R. T.

Belgian Plants.

One of the trans-Atlantic steamship companies says, in relation to the exportation of Belgian nursery stock, via Rotterdam to the United States, that it had been advised by its principals in Rotterdam to the effect that such shipments of Belgian nursery stock are allowed to be made, the value of which is deposited before December 31, 1915, in England. Furthermore, it will have to be shown before British authorities that the goods are actually of Belgian origin.

Correction.

George A. Kuhl, Pekin, Ill., kindly advises us of an error in our report of the floricultural awards at the Illinois State Fair. In six-foot dinner table decoration with accessories Mr. Kuhl was awarded a blue ribbon four days in succession, Charleston Greenhouses second and the A. T. Hey Floral Co., third.

Orchid Hybrids.

We are in receipt of copy of a new issue of Sander's list of hybrid orchids, said to contain all the known orchids of hybrid origin, their synonyms and parentage, this new edition bringing the work up-to-date. The book of 158 pages is substantially bound and interleaved with blank pages for memoranda.

St. Louis.

IMPROVED MARKET CONDITIONS IN SIGHT.

At last we have had frost and outdoor stock has seen its last days. Roses and carnations, in fact, all flowers had disappeared from the counters of the wholesalers by noon, October 9. Carnations were quoted at two and one-half and three cents and roses three to eight cents. Smilax and all kinds of greens were in demand. Chrysanthemums, especially yellow, brought low prices, but good stock sold at fair figures. Dahlias are about over. Violets are poor, the blooms being small.

NOTES.

Mullanphy Florists will move into more commodious quarters at the southeast corner of Eighth and Locust streets about the end of this month. The store is westward and trade is moving in that direction. The store will be decorated in green and gold and will have large and handsome show windows. A balcony will be erected around the store furnishing office room and ladies' waiting rooms. Below is a very roomy basement where the selecting of stock and the storing of supplies will be taken care of.

O'Leary, the Florist, had a large chrysanthemum wedding, October 9, the Windler Wholesale Floral Co. furnishing the chrysanthemums.

George H. Angermueller is now starting to display his Christmas novelties. He seems to have a greater supply than ever before.

Grimm & Gorly had special decorations at the automobile show including a parkway and sunken garden.

Some fine orchids, lily of the valley and roses were to be seen at C. A. Kuehn's.

E. L. Rogers has remodeled and painted his new wire design shop and reports trade good.

W. C. Smith Wholesale Floral Co. received a large consignment of Boston ferns recently.

The stock at H. G. Berning's was tip top and included extra fine roses and carnations.

Richard Frow, of Normandy, will be cutting some nice chrysanthemums in a week or so.

W. F.

Pittsburgh.

COLD WEATHER CAUSES STOCK SHORTAGE.

Stock is rather scarce at present, owing to the change of seasons and the recent cold weather, which has been accompanied by frost and seems to show no signs of letting up. Roses continue in the lead with dahlias running a close second. Carnations and lilies are also on the market, but are not plentiful enough to supply the demand there is for them. Chrysanthemums are beginning to put in their appearance a little more regularly but the shipments are small as yet. Outdoor flowers are about all gone although a few asters and gladioli are still to be seen.

George McCallum is concluding a successful trip on the road in conjunction with Ross E. Adgate of the McCallum Co., and will return the last of this week to take charge of the supply department for the winter season. On his return he will move into the city from Allison Park and will take up his residence on the north side with his mother for the winter.

The deepest sympathy of the entire trade is extended to Miss McKinley of Randolph & McClements, who has lately lost her mother.

G. C. M.

Milwaukee, Wis.

CLUB MEETING.

At the florists' club meeting, October 7, the usual number put in an appearance and many live points of business were disposed of in good order. The committee in charge of the proposed flower exhibit, which was to have been held in the galleries of the Milwaukee Art Society some time next month, reported having interviewed most of the east side retailers and as the arrangements as planned by the Art Society were practically to be completely shouldered by said retailers, lack of space barring growers and wholesalers, the project for the present was abandoned. The judges of the 1915 Wisconsin state fair, all members of this club, in their report suggested that the chair appoint a committee of three growers, one retailer and one wholesaler, to completely revise the premium list on plants and cut flowers and report at the November meeting so work in form of co-operation with the Wisconsin state board of agriculture could be started soon to make the display more creditable and extensive at future fairs. The committee consists of Nic Zweifel, A. G. Kellner, J. Livingstone, C. C. Pollworth and H. V. Hunkel, with the latter as chairman. Letters from the general and bowling committees of the Cleveland flower show were read and from present indications Milwaukee will be fairly well represented which will include some of our crack bowlers. Detroit, please take notice. Mr. Spinti, of the firm of Kamp & Spinti Floral Co., of North Milwaukee and E. H. Kneif, 1905 Vliet street, were proposed for membership. The entertainment committee was instructed to arrange some kind of a social affair for the ladies in the near future.

C. B. Whitnall has volunteered to give us an illustrated talk, the topic to be announced later, and undoubtedly

it will take place at the November meeting. At a later meeting, probably in December, Wm. Kennedy, of the C. C. Pollworth Co., will entertain with an illustrated talk on his recent visit through the west, including the Panama-Pacific and San Diego expositions.

NOTES.

Wm. Edlefsen, of Lorane, Oregon, accompanied by his wife, arrived in this city to make a prolonged visit with relatives and friends. Mr. Edlefsen is one of the pioneer florists of Milwaukee, who is now enjoying the fruits of his labor on a beautiful homestead near the Pacific coast. Even though he will be 70 next January, he seems to grow younger in looks and actions, a sure sign that the western air fully agrees with him.

G. F. Baerman, who a short time ago suffered the total loss of his grain, being destroyed by fire caused by an electrical storm, is confined to his bed with pneumonia.

E. O.

Boston:

PRICES ABOVE THE AVERAGE.

During the past week there has been a shortage of flowers and consequently prices have ranged above the average for this time of year. Every day the market cleans up much to the satisfaction of the growers who are fortunate enough to be in crop. Carnations are very scarce and nearly any kind of flower brings \$4 per 100, the demand being, however, for white varieties. Roses have been selling well also, from \$4 per 100 up being the average price. Every variety finds a good market, but Hadley, Russell and Ophelia are the most popular. Chrysanthemums have commenced their season. Golden Glow, October Frost, Smith's Advance, Polly Rose and Unaka comprise the bulk of the shipments. They all find a very good market, \$1 to \$3 per dozen being received for first class stock. Asparagus Sprengeri and plumosus are about the only kinds of stock which are still plentiful. There is a fine lot of Boston ferns being shipped to the markets now. They find very good demand. Business conditions, both wholesale and retail, have been very satisfactory and from all appearances a good fall trade is predicted.

NOTES.

Henry Zum Brunnen, of Anburndale, has commenced cutting his crop of chrysanthemums. He has very fine flowers of Unaka and Golden Glow; in fact, the best that have been seen in Boston this season.

George Hannon, of Dorchester, is able to be up after a 14 weeks' siege with inflammatory rheumatism. He is sending to B. A. McGinty, at the Co-Operative Market, a fine lot of Boston ferns.

Norris Comley, of Burlington, Mass., is cutting some remarkably fine roses. It is an interesting fact that the first heat he has had in the houses was this week and he sprays but once a week.

Joseph Fay has severed his connection with Thos. F. Galvin, Inc., after 15 years of service with the firm.

The Boston Co-Operative Flower Market will hold its annual meeting October 30.

In the bowling league, Bresnahan of the C. & R. team has the high pinfall record with a total of 335 for three strings. The team standing is as follows:

Team	Won	Lost
Carbone	4	0
Galvin	4	0
C. & R.	3	1
Co-operative Market	3	1
Robinson Co.	1	3
Wax Bros.	1	3
Flower Exchange	0	4
Zinn	0	4

F. L. W.

Buffalo.

TRADE ENJOYS WEEK OF ACTIVITY.

The past week has been one of activity among the retail trade, with weddings, dinners and funeral work, the latter playing a very important part in the week's business. Stock has been fair in supply and quality. Roses and dahlias are plentiful, but chrysanthemums and carnations are very scarce, with the quality poor. Lily of the valley, orchids and gardenias are good and find a ready sale.

NOTES.

The florists of this city and vicinity were very much surprised last week when it was announced that Joseph Streit, who for over 13 years had been superintendent for S. A. Anderson at his greenhouses, had decided to engage in business for himself and remove from Buffalo. Mr. Streit, or Joe, as every one knows him, has formed a partnership with Michael Bloy, of Detroit, Mich. They will have a range of houses for growing general stock as in Buffalo, which Joe will run, while Mr. Bloy will take care of the store, which is a fast increasing part of the flourishing business already established by Mr. Bloy. What is Buffalo's loss is Detroit's gain, for Joe will set a pace among the growers, bowlers or members of the florists' club that will keep all busy to follow up. His activity in everything for the benefit of all in floriculture was noted in this city and he will be greatly missed. The best wishes of all are with him in his new venture.

Wedding bells again pealed forth their music in the vicinity of S. A. Anderson's store, on Saturday, October 2, at 5 p. m., when Charles R. F. Felton, artist and decorator with S. A. Anderson, was joined in the holy bonds of matrimony. The charming lady, who has cast her lot with Charlie's, was Miss Mary Dawson. The wedding was a quiet one, only those absolutely necessary for the occasion being present, namely, the minister, Rev. Dr. Ross, one bride, one groom, one maid of honor, one best man, one automobile, a dinner for four at the Iroquois, and a trip for two to Cleveland, the "Sixth City." The happy couple will be at home, at 984 Elmwood avenue, after October 15. Congratulations from the florists are extended to the happy couple.

All stores on Main street have re-decorated their places and they are now the brightest and most attractive stores that can be found in any city.

BISON.

Cleveland.

TRADE BOOMS AS COLD WEATHER ARRIVES.

As previously reported, business continues to boom, and the cool weather is putting the necessary "pep" into all lines—cut flowers, plants and supplies. The frosts reported at various sections throughout the northern part of Ohio have failed to entirely eliminate outdoor stock, as witness the continued arrival of gladioli, asters, dahlias, larkspurs, lilac, monkshood flowers, gailardias and a few cosmos. Carnations are arriving in increased supply and gradually improving in size and quality. A few early single violets are seen. Chrysanthemums in yellow, white and pink are becoming more plentiful every day with yellow predominating. Orchids are more plentiful, while lily of the valley and Easter lilies are short of the demand. Roses are daily improving in quality, some extra fine Killarney, both pink and white, Shawyer, Sunburst and Wards, arriving. American Beauties still lead in popular favor, and the supply is just about equal to the demand. Southern smilax is used

quite extensively, for fall decorations. Boxwood will soon be here. Greens of all kinds are plentiful.

NOTES.

The sympathy of the trade goes out to C. J. Kirchner of the Kirchner Floral Co., 9005 Superior Avenue, who lost his wife, Friday, October 8. She died of tuberculosis after an illness of several years and was buried October 12 in Calvary cemetery.

G. R. Shearer, who has been with the Jones-Russell Co. for the past six years, leaves them to go into business for himself. Mr. Shearer was chief decorator and artist, making most of this firm's novelty baskets and art ware.

Visitors: John Walker, Youngstown, O.; E. J. Peat, Norwalk, O.; C. C. Taylor, Louisville, Ky., and Martin Reukoff, of H. Bayersdorfer & Co., Philadelphia, Pa.

With the advent of cold weather, greenhouse men are demanding pipe clamps to repair split and broken pipes or wherever leaks are evident.

A farewell banquet was given Mr. L. J. Darnell, retiring manager of the J. M. Gasser Co., October 12.

Arba Fowles, of Oberlin, O., joined the force of the Cleveland Florists' Exchange October 11. C. F. E.

Cleveland Flower Show.

Among the many novel advertising plans being carried out by the publicity committee of the Cleveland flower show, is the use of the popular "poster stamps." These small stickers are reproductions, in miniature, of the poster cards used by the show and thousands of them are being added to the collections of the school children. It is the committee's aim to get the widest circulation possible of these stamps and a quantity will be sent to anyone, anywhere in the United States, upon request. The local growers and dealers connected with the show and all exhibitors will be provided with them for use upon their business correspondence between this time and the date of the show.

H. P. Knoble, general chairman, and Timothy Smith, of the admission committee, will confer with Superintendent Frederick of the Cleveland public schools this week to arrange for free admission of the school children on mornings during the show, beginning the second day. There are about 200,000 children enrolled in Cleveland's schools and the committee hopes to have each one take advantage of the educational features of the exhibition.

The private gardeners of Cleveland have become more enthusiastic than ever of the Cleveland show since the last meeting held at the Hollenden hotel. In addition to hearing a discussion of the plans of the premlum committee they were permitted to have the first peep at the Corrigan cup which arrived that day from the manufacturers. Eyes opened wide and there were expressions of delight at sight of this beautiful trophy, the largest and most valuable ever offered for a similar event in Cleveland. The private growers were unanimous in voting the work of the premiums committee satisfactory.

Permission has been granted the show committee to place bay trees along Euclid avenue from public square to the Coliseum entrance, during the exposition. Each bay tree will support a small card directing the observer to the show. The publicity committee expect to make this the most attractive and novel scheme of street advertising that has been used in the city.

The entertainment committee is busy with the plans for the varied en-

tainment and arrangement of the business and semi-social program during show days. This committee is headed by G. W. Smith and his aids are, C. J. Graham, George Jacques, S. N. Pentecost, and F. C. Witthuhn. The rooms of the Cleveland Florists' Club, Hollenden hotel, will be the meeting place of the various organizations as well as the scene of many social events.

Providence, R. I.

MODERATE SALES OF MEDIOCRE STOCK.

Business the past week has been moderate, with several good days of floral work. Stock, such as it is, is plentiful, but nothing special is noted. Prices have been exceptionally good on all stock. Carnations, now that the asters are done with, are having a good call and the quality shows an improvement daily. Snapdragons will soon make their appearance from several of the growers. A few violets are arriving now, but the quality is nothing extra; the stems are short and the flowers small. Chrysanthemums are still moving slowly, with almost no demand as yet. The flowers are mostly small and of the Golden Glow variety. A few gladioli are still to be seen. This year the growers all seem to have a good stock of Boston and Whitmani ferns, and the call for them has been very steady, several of the stores running sales on the smaller ones that seem to be a success.

NOTES.

Mrs. Mary Conley, of the Updike Street Greenhouses, seems to be the only one that is cutting asters of any size just now. The quality runs very good, and she has no trouble in selling them.

A new greenhouse is being erected on the grounds of the Butler hospital, on Blackstone boulevard.

Swan Peterson, of East Providence, R. I., is erecting a new house on his place 20 by 100 feet.

H. A. T.

Toledo.

AUTUMN BUSINESS OPENS WELL.

Autumn flowers with their bright cheerful colors seem most happily endowed by nature to relieve an otherwise rather gloomy and melancholy season. The general public of this city seem to be aware of the cheering effect of the gorgeous, colorful chrysanthemums judging from the way they are buying these beautiful fall flowers. Stock of all kinds with the possible exception of roses has been plentiful. Carnations are now of excellent quality but the demand is not very lively. Dahlias are still numerous. Bulbous stock is good this fall. Retail florists who stocked up on the colchicum bulbs report heavy sales. Florists here expect a brisk fall business until the first of the year and are confident that all records will be broken.

CLUB MEETING.

As a result of the favorable report made by the show committee consisting of Will Krueger and Ludwig Shiller, the Toledo Florists' Club at its last meeting voted to hold a fall flower show November 7-10. Since many of the local florists have decided to visit the Cleveland flower show which will be held immediately following the local show, this date was chosen so as not to conflict with the show of Toledo's sister city which has been working strenuously for success. A committee is now waiting upon those connected with the trade in an effort to create enthusiasm. This will be the first public flower show held by the local club. At this meeting the annual election of officers was held which re-

sulted as follows: George Bayer, president; Harry Heint, vice-president; Arthur C. Kneisel, secretary and treasurer. Mr. Bayer has always taken an active interest in the Toledo Florists' Club, and has taken hold of his new duties with energy and zeal which promises a successful year for this thriving organization. A vote of thanks was extended the retiring officers for faithful work throughout the past year.

NOTES.

The Lindley Floral Co. threw open the doors of its new store to the public, October 9. The location on St. Clair street near Keith's theater is a splendid one as the beautiful store is passed by thousands of pleasure seekers daily. For the opening the windows were strikingly trimmed with many beautiful baskets, including gorgeous arrangements of King gladioli and flame colored dahlias, roses and lily of the valley. The display was admired by thousands. Miss Lindley, the proprietress of the new shop, was formerly employed at the Feniger Flower Shop on Adams street. Herself an able florist, she is being assisted by Henry Klunder, formerly manager of the Art Floral Co. until that firm retired from business, and recognized as one of the most capable men in the trade in this city.

Miss G. Winters, the able florist who has charge of the large houses of George Bayer is at Robinwood hospital suffering from a nervous breakdown due to persistent application to her work. Miss Winters is recognized as an expert violet grower.

Miss Patten has returned from a two weeks' trip to Atlantic city where she greatly enjoyed ocean bathing. While at the sea shore resort, Miss Patten had a narrow escape from drowning, but thanks to the ever present hero, she was saved.

A. C. K.

Frederickton, N. B.

After a cool summer with scarcely any warm weather, the harvest season is at hand, with weather conditions very favorable. The potato crop is far below the average, probably a third less, with prices on the local market of \$2 per barrel and predictions have been made that the price will advance to \$4 before spring. Spring root crops are generally good and greenhouse stocks are looking well. Carnations and chrysanthemums are just coming in. The demand for funeral work has been heavy, and asters which proved very good this year were used to excellent advantage in the designs. As we get most of our roses from Montreal or Ontario points, we notice that the old Bride and Bridesmaid varieties have been discarded for the Killarneys in pink and white, which when open are no better than the "dog roses" which as children we used to gather in the hedge rows across the sea. From our experience, the Bride rose was superior to the stock we are receiving now, when keeping qualities are considered.

The semi-annual exhibition held here two weeks ago was a great success, both financially and in the character of the displays, especially considering the war time disadvantages that exist in the province. In the classes for plants and cut blooms, J. Bebbington & Son were among the winners, being awarded a number of first and second prizes. This firm was also successful in the competition in the classes for vegetables, taking first prize for the best collection; also first for most popular potato grown in this section, namely Irish Cobbler.

J. B.

OBITUARY.

George G. Goldbach.

George G. Goldbach, prominent retail florist of Lancaster, Pa., died at St. Joseph's hospital in that city October 6, aged 37 years. About 10 days previous to his death, he irritated a pimple on his arm, and soon after the member commenced to swell as the result of blood poisoning which caused his untimely death.

He started in the florist business in the eastern part of Lancaster about 17 years ago, at which time he built a fine range of glass, which he conducted in connection with a good retail business. This increased in volume until a down town establishment became necessary, and property was purchased at 141 North Duke street, where a conservatory and well-appointed flower shop was built and a thriving business resulted.

In addition to his wife and three children, he is mourned by a host of friends, for he was one of those rare characters who made friends with everyone he met and learned to know them. The Knights of Columbus, the Catholic Benevolent League, the Royal Arcanum, the Benevolent and Protective Order of Elks, the Fraternal Order of Eagles, Lancaster Lodge of Moose and the Lancaster County Florists' Club were all proud to have him as a member. The funeral was held in St. Anthony's church with requiem high mass and a very touching tribute to his sterling qualities as a man and brother was paid by Father Kaulh. Members of the florists club attended in a body and the numerous floral tributes, many of them unusually handsome, some being sent from friends in the trade from distant points, bore evidence of the high esteem in which he was held.

The business will be continued by Mrs. Goldbach, and the Lancaster County Florists' Club stand ready to a man to give her every assistance in its power.

A. M. H.

Oglesby Paul.

Oglesby Paul, a noted landscape architect of Philadelphia, died October 5 in a Boston hospital, where he had been taken from Narragansett Pier, R. I. for an operation. He was born in Philadelphia and was in his thirtieth year. He is said to have taken an active part in the landscape work of Fairmount park, Philadelphia.

A. F. F.

Los Angeles.

SCHOOL GARDENS CONTEST AWARDS.

Ending perhaps the greatest beautification movement ever undertaken by the school children of any county in the United States, the judges in the Los Angeles County beautifying contest have filed their final reports, awarding a total of \$8,000 in prizes to successful contestants. Inaugurated by the general committee as part of a campaign to beautify both the city and county for the reception of exposition-year visitors, 268 schools outside of the city of Los Angeles were enlisted in the contest, as well as 21 women's clubs and various municipalities. In each class, four prizes, ranging from \$400 down to \$75, with the addition of a grand prize of \$1,000 for the municipality having the most beautifully decorated club grounds, which was awarded to Pasadena as the result of an ensemble of pretty school grounds, the East Whittier school also capturing the special prize of \$400 for the best improvement in school grounds as well as first place in its class, and the Shakespeare Club of

Pasadena won the \$400 prize for the prettiest women's club grounds. A special prize of \$25 was awarded to the Las Virgines school at Calabasas, where the teacher, Miss Mattie Wolfe, and her six pupils made a pretty garden in the barren foothill soil, regardless of the fact that the tiny workers had to carry water a mile to supply irrigation. Expenditures of more than \$100,000 are estimated by the judges, E. H. Labee of Los Angeles, W. S. Kienholz of Pasadena and W. B. McQueen of Long Beach, to have been made by the competitors in the contest throughout the county, and in a number of cases included the erection of summer houses, pergolas and other garden features. As stated by the judges in their report, the benefit of the movement is inestimable and they have suggested in view of the small cost at which such permanently beautiful effects and educational advantages were obtained, that the work so auspiciously begun, be continued on a broader scale, and suggest a plan whereby every school in the county would eventually be a prize winner.

NOTES.

Charles A. Chambers of the Luther Burbank Co., San Francisco, is not only a horticulturist, but humorist and baseball fan as well. He is now propagating an infallible self-hitting bat, and is looking for the right kind of wood, which he will inoculate with fish oil from his golf fish which he is raising in Sweden and which have a tremendous kick in their tail.

The Broadway Florists are expecting large shipments of supplies from Chicago and Philadelphia in the near future. Dahlias, roses and chrysanthemums of exceptional quality were seen in their store this week. F. W. Nelson, formerly of the Washington Flower Shop, is now sales manager of this establishment.

The Germain Seed & Plant Co. are making extensive improvements at their nursery. They now have one acre under path and are building two greenhouses, each 26 by 300 feet. The trial grounds comprise nine acres in addition to 15 acres used as sample grounds.

A. E. Hanson, who has been with Theodore Payne's store force, has taken a position on the road selling seeds and pushing the slogan "Sow Payne's Wild Flower Seeds and Help Nature Make California Beautiful."

Wright's Flower Shop is looking forward to excellent fall business. American Beauties and Killarney roses, with dahlias, water lilies and chrysanthemums are features at this store.

Mayor Sebastian has appointed a committee, called the "Lot Beautiful Committee," with owners of vacant property and convert such lots into rose and flower gardens.

The Darling Flower Shop reports the largest summer business in its history. Elegant stock in water lilies and chrysanthemums are displayed in the windows this week.

F. Lichtenberger is displaying some very attractive basket arrangements. He is also planning a big chrysanthemum display, when all colors are in.

Mrs. Johanssen, of the Johanssen Seed Co., who has been ill for six weeks, is recovering rapidly and will return to business soon.

J. W. Howell, the California Florist, formerly of Hollywood, is now located in commodious quarters at 702 West Seventh street.

The Pasadena Horticultural Society will hold its eighth annual flower show in Central park, October 28-30.

Local florists all report increasing business, and good winter trade is anticipated.

H. S. K.

Oklahoma City.

Florists report that business is very good. There is quite a call for wedding decorations and the transient trade is increasing steadily. Added to this, there has been quite a heavy demand for designs, both locally and from out of town, making altogether a busy week.

NOTES.

The flower show which was held October 8, under the auspices of the State Civic Improvement Association, was the finest and largest exhibition of flowers ever gotten together in this state, and was visited by thousands of people. Furrow & Co. made a choice display of roses and cyclamens, and Mrs. Eager, of that firm lent very valuable aid in arranging the numerous exhibits. In the afternoon Geo. Stiles gave an interesting talk on flower culture and incidentally donated a dozen narcissus bulbs to each lady present. H. S. McClenahan gave a talk on rose culture. It is an almost assured fact that we shall have two, if not more, flower shows each year from now on.

Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y., was here on his annual visit this week. Lon Foster, manager of Furrow & Co.'s store, took him as his guest to the Advertising Men's luncheon. Mr. Foster put up a job with the toast-master and Mr. Mott was duly called upon. He rose to the emergency, however, and entertained the company with a very witty address.

Invitations have been received for the annual exhibition of the Chrysanthemum Society of America, which will be held in conjunction with the fall show of the Cleveland Florists' Club at Cleveland, November 10-14. The show committee in that city evidently have a "live wire" in charge, but distance will prevent attendance from here.

Furrow & Co. have begun to cut chrysanthemums at their Guthrie greenhouses. The Stiles Co. will begin to cut within the next few days.

Visitors: A. S. Gray, and Mrs. Effie Byington, both of Chickasha, Okla. Mrs. Byington is connected with the Chickasha Greenhouses.

S. S. B.

Brampton, Ont.

UNUSUAL DEMAND AND SHORT SUPPLY.

This city, the headquarters of the Canadian wholesale florists, is experiencing trying times as far as the trade is concerned, due to the heavy demand for flowers, and since frosts have killed the outdoor varieties, the supply is far from sufficient to fill orders. Roses are the main crop at present, and while a short time ago they were so plentiful that they were sacrificed, at present the supply is limited compared with the demand. The cool weather is of course responsible for this, although it has helped the quality, which is excellent. Lily of the valley is good stock, with none going to waste. Chrysanthemums are two weeks late.

NOTES.

The Dale estate has added a number of rose varieties this season and the list now includes Hoosier Beauty, Ophelia, Stanley and Sawyer, all of which are doing nicely and meet with ready sale. Richmond, American Beauty, Queen, Morgan and the Killarneys are still the old standbys. Cypripediums and carnations are coming into bloom.

R. Jennings' place is in its usual good shape. Chrysanthemums are the main crop at present and are in fair condition, although a number of the early ones have damped off. At pres-

ent Unaka, Crawford, Pink, Bergman and Golden Glow are being cut. Carnations show great promise and have a fair crop of blooms at present. Violets look good.

Wm. Fendley has a good supply of carnations and violets and will make heavy shipments from now on. Chrysanthemums and greens fill the remaining houses, and the outlook for good crops of these is promising.

D.

Nassau County Horticultural Society.

The annual dahlia show of this society was held in Pembroke hall, Glen Cove, N. Y., Thursday, October 7. Some very fine exhibits were staged and the competition in all classes was very keen. The class for table decorations was one of the main features of the exhibition and brought forth eight entries, all excellent. R. Jones was successful in taking first honors in this competition, with J. Adler, second and Harry Jones, third. Among other prize winners in the various classes were the following: Mrs. W. J. Matheson, Huntington, (J. Kirby, Gr.); Mrs. H. Darlington, Camaroneck, (P. W. Popp, Gr.); Mrs. C. D. Smithers (P. Charbonnard, Gr.); Mrs. F. S. Smithers (V. Cleves, Gr.); Mrs. G. D. Pratt (J. F. Johnstone, Gr.); F. W. Woolworth (W. D. Robinson, Gr.); W. R. Coe, Oyster Bay, (J. Robinson, Gr.); J. B. Taylor, Jericho, (G. Wilson, Gr.); J. T. Pratt (J. W. Everitt, Gr.); Mrs. J. H. Otley (J. McDonald, Gr.); Mrs. H. L. Pratt (H. Gant, Gr.) The judges were James Bell, Thomas Griffin and William Vert.

JAS. GLADSTONE, Cor. Sec'y.

Wichita, Kan.

USUAL AUTUMN BUSINESS.

The demand is only fair, but the usual autumn work fills in any gap caused by slack business. Heavy rains in September finished the aster crop, and all outdoor stock is practically through by this time. Chrysanthemums are in moderate supply and quality.

The Wichita exposition and wheat show, Oct. 4-15, has a splendid display of farm and orchard products. The apple, wheat, and corn displays are very extensive and of fine quality. Canada, the Wolf river country, and other districts outside the state, have large and elaborate displays. Chas. P. Mueller is a member of the board of directors of the exposition. He has charge of the decorations, both for the exposition buildings and the principal business streets, and has certainly handled the job very well indeed.

Double the floor space, modern front, central sky-light, equally good location and less rent, presented a moving proposition to W. H. Culp & Co., which they accepted, and are now located at 139 North Main street, directly across the street from their old stand.

W. H. C.

Minneapolis, Minn.

Business has been exceptionally good, but there has been a shortage of stock in nearly all lines and prices have taken a jump in consequence. Several of the stores report telegraph orders in many instances not filled, the answer being, "stock all sold."

The Minneapolis Florists' Club held its meeting at the L. S. Donaldson Co.'s greenhouses, October 5. There were about 50 members in attendance. At the election of officers, the following were chosen to serve for the ensuing year: J. G. Taylor, president; Hugh Will, vice-president; A. S. Rice, treasurer; Wm. Vasatka, secretary. The trustees are R. N. Rudlinger, Cal Rice, Max Kaiser and W. D. Desmond.

T. C. R.

FAR AND NEAR.

SAN FRANCISCO, CALIF.—The California State Floral Society and the Alameda County Floral Society in conjunction with the department of horticulture of the Panama-Pacific exposition held a very successful and well attended dahlia show, September 18-19.

WINDSOR, ONT.—A new house 14 by 50 feet is being built and numerous improvements made at the establishment of Howe & Carter. Business is improving and the addition of more houses in the near future is anticipated.

RALEIGH, N. C.—The Woman's Club and representatives of other local organizations have urged the county commissioners to employ a landscape gardener for the purpose of beautifying the court house grounds.

HOUSTON, TEX.—John J. Boyle, formerly manager of the Forestdale Flower Shop, and Thos. A. Pendarvis, late of the Texas Company, have formed a partnership and opened a flower store at 721 Main street.

NEW ORLEANS, LA.—Chrysanthemums will be a rarity in this city this fall as the result of the recent storm, according to C. W. Eichling, who estimates the damage to the crop is over 80 per cent.

OTTAWA, ONT.—With outdoor aster stock done for, but with a continued demand especially for table use, several growers in this vicinity are growing late asters under glass.

LITTLE ROCK, ARK.—P. M. Palez will re-open his florist store at 606 Main street, about October 15, when he will be in a better position than ever to supply his patrons.

ELKHART, IND.—The business of William Currier, florist, has been thrown into federal bankruptcy, following application of creditors for the appointment of a receiver.

LEROY, ILL.—L. L. Fry is making extensive improvements at his range. A new greenhouse, 48x90 feet, is being erected and a new steam heating plant is being installed.

MONTGOMERY, ALA.—A number of improvements have been made at the city establishment of the Rosemont Gardens. A splendid fall trade is anticipated.

CHIPPEWA FALLS, WIS.—The first annual school garden exhibition was a success beyond expectations and assures a more elaborate display next year.

WATSONVILLE, CALIF.—This city has been named by the postoffice department as a point of terminal inspection of plants and shrubs offered for mailing.

BAD AXE, MICH.—G. A. Deady has built one house 21 by 100 feet. A limited amount of vegetables will be grown in addition to flowering plants.

CHIPPEWA FALLS, WIS.—F. S. Wiegand, proprietor of the Chippewa Falls Greenhouses, has purchased eight acres of land and will increase his range.

MONMOUTH, ILL.—Jos. Arling and Oscar Swanson, of Princeton, Ill., have purchased five acres of land and will erect a range of greenhouses here.

MOORHEAD, N. D.—Strand Bros. are erecting a greenhouse on Eighth street, and will enter the florist trade this fall.

PHILADELPHIA, PA.—John Wieland is erecting one house 22 by 90 feet at 111 West Luray street, to cost \$500.

PORTLAND, ORE.—Henry Clemmens and Julius Cohn have incorporated under the name of Henry Clemmens, Florist, Inc. Capital stock, \$1,000.

PROVIDENCE, R. I.—Maurice Miller is making preparations for excellent fall business and has reopened his flower shop on Westminster street.

HANDLEY, TEX.—A new house, 28x72 feet, which will be devoted to orchid flowering sweet peas is being added to the range of R. C. Massie.

CLINTON, MO.—The Clinton Greenhouses have been sold by T. L. Snodgrass to Edgar Cornick, who has been employed as his assistant.

BRIDGETON, N. J.—Adolph Hespelt, the North Laurel street florist, has purchased the Ingles Flower Shop and will continue the business.

AUSTIN, MINN.—A. N. Kinsman, proprietor of the Austin Greenhouses, is motoring to southern Florida where he will spend the winter.

BRIDGEPORT, CONN.—Julius Happ, who has been foreman at James Horan & Son's range for 35 years, has retired from active service.

PRAIRIE DU CHIEN, WIS.—C. C. Case has erected a greenhouse 30 by 40 feet. The space will be divided between flowers and vegetables.

READING, MASS.—Otto Runge has rented a greenhouse here and will sell his stock at his stall at the Boston Flower Exchange.

NEWARK, N. J.—George Penek, who conducts a flower shop at 637 Broad street, has opened a branch at 142 Belleville avenue.

GRAND RAPIDS, MICH.—The Michigan Horticultural Society will hold its annual meeting in this city the first week in December.

CROWN POINT, IND.—Alois Frey has made arrangements in California for the growing of his new colored freesia bulbs there.

STONEHAM, MASS.—John M. White, florist, has filed a petition in bankruptcy. Liabilities are \$2,795; assets, \$2,512.

HOUSTON, TEX.—The range of W. H. Perkins, 2100 Maury street, damaged in the recent storm, is undergoing repairs.

ST. JOSEPH, MO.—Rudolph Rau, late superintendent of parks, will enter the florist business on Savannah avenue.

LUDINGTON, MICH.—Martin Lind has bought the greenhouse and nursery business of E. L. Brillhart, bankrupt.

CLEVELAND, O.—F. C. W. Brown assumed his duties as general manager of the J. M. Gasser Co., October 1.

NEEDHAM, MASS.—Extensive additions and improvements are being made at the range of P. E. Richwagen.

EAST GREENWICH, R. I.—A new house, which will be planted to violets, is being erected by James Hay.

INDIANAPOLIS, IND.—A. Reynolds has purchased the flower shop of A. W. Brandt, 5 East Ohio street.

SOUTH BEND, IND.—Plans are under consideration to remodel Leeper and Studebaker parks.

COLUMBUS, O.—The Columbus Floral Co. has been incorporated; capital stock, \$70,000.

BLACKDUCK, MINN.—J. W. Baney is building an addition to his greenhouse.

STRATFORD, CONN.—John O'Neill has leased the range of Chauncey Mills.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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American Carnation Society.

A meeting of the board of directors will be held at Cleveland, O., Friday, November 12. The Cleveland Florists' Club rooms in the Hollenden hotel will be placed at our disposal and the meeting will be called at 4:00 p. m. Any of our members who happen to be in Cleveland at that time, are invited to be present.

A. F. J. BAUR, Sec'y.

Chicago Grand Floral Festival.

The regular meeting of the executive committee of the Chicago Grand Floral Festival was held at the Hotel Morrison, October 7, A. Henderson, W. N. Rudd, W. J. Keimel, Geo. Asmus, Guy W. French, E. F. Kurovski, Arnold Ringier, E. Kanst, Robert Brenton, Payne Jennings, N. P. Miller and M. Barker in attendance.

Routine business connected with the coming exhibition, to be held at the Coliseum, November 9-14, occupied the attention of the committee the greater part of the afternoon and reports from chairmen of the various sub-committees showed substantial progress. Manager French announced that a large number of special prizes have already been secured and others promised. Arrangements are being made for extensive exhibits from the various park systems and plans for Robert Brenton's novel flower dance feature are going well.

The name of Prof. H. B. Dorner, of the University of Illinois, has been added to the lecture program, his subject being "Garden Flowers" with an extensive exhibit of stereopticon slides, and E. G. Hill, of Richmond, Ind., has promised a talk on garden roses.

Exhibitors in the non-competitive trade display will be given one trade ticket good the first day of the show for each square foot of space taken.

E. F. Winterson has been appointed chairman of the trade tickets committee.

M. BARKER,
Chairman Publicity Committee.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

October 20-23, Long Beach, Calif.—Fall flower show, Long Beach Horticultural Society, Samuel Whitford, 1508 Appleton street, secretary.

October 21-26, San Francisco, Calif.—Fall Flower Show, Pacific Horticultural Society in conjunction with the Chrysanthemum Society of America and the Department of Horticulture of the Panama-Pacific International Exposition, Palace of Horticulture, Exposition Grounds, T. Taylor, secretary, 2714 McAllister street, San Francisco.

October 26-27, Lenox, Mass.—Grand fall exhibition, Lenox Horticultural Society, Town hall, John Carman, Lenox, secretary.

October 28-29, Madison, N. J.—Annual flower show, Morris County Gardeners' and Florists' Society, Assembly hall, Edward Reagan, secretary, Morristown, N. J.

October 28-29, Glen Cove, N. Y.—Full exhibition, Nassau County Horticultural Society, Pembroke hall, Harry Jones, secretary, Box 197, Glen Cove.

October 28-30, Pasadena, Calif.—Annual fall flower show, Pasadena Horticultural Society, Central park, Geo. H. Kennedy, secretary, 497 Bradford street, Pasadena.

October 29-31, Mt. Kisco, N. Y.—Fall show, North Westchester Co. Horticultural and Agricultural Society, Civic hall, Matthew J. O'Brien, secretary, Mount Kisco.

November 3-4, New London, Conn.—Chrysanthemum, fruit and vegetable show, New London Horticultural Society, City hall, John Humphrey, secretary, New London.

November 3-5, New York.—Exhibition of flowers, plants, fruits and vegetables, American Institute of New York, 25-33 West Thirty-

ninth street, W. A. Eggleston, secretary board of managers, 324 West Twenty-third street, New York.

November 3-5, Tarrytown, N. Y.—Exhibition of the Tarrytown Horticultural Society, Music hall, Edward W. Neubrand, secretary, Tarrytown.

November 3-4, Holyoke, Mass.—Annual flower show, Holyoke and Northampton Florists' and Gardeners' Club, Windsor hall, James Whiting, secretary, French hall, M. A. C., Amherst, Mass.

November 4-5, Worcester, Mass.—Chrysanthemum exhibition, Worcester County Horticultural Society, Horticultural hall, L. C. Midgley, secretary, 18 Front street, Worcester.

November 4-7, Boston, Mass.—Autumn exhibition of plants, flowers, fruits and vegetables, Massachusetts Horticultural Society, Horticultural hall, Wm. P. Rich, secretary, 300 Massachusetts avenue, Boston.

November 4-7, New York.—Annual fall show, Horticultural Society of New York, American Museum of Natural History, George V. Nash, secretary, N. Y. Botanical Garden, Bronx Park, New York.

November 5-6, Stamford, Conn.—Annual exhibition, Westchester & Fairfield Horticultural Society, J. B. McArde, Greenwich, Conn., secretary; Henry Wild, Riverside, Conn., exhibition manager.

November 9-12, Philadelphia, Pa.—Chrysanthemum show, Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust, David Rust, secretary.

November 9-14, Chicago.—Chicago Grand Floral Festival, Horticultural Society and the Chicago Florists' Club, Coliseum, N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

November 10-14, Cleveland, O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum, Frank A. Friedley, secretary, Exhibition Committee, 356 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel, Ernest K. Thomas, secretary, Box 180, Kingston, R. I.

November 10-14, Cleveland, O.—Fall exhibition and meeting, American Rose Society in connection with the Cleveland Flower Show, Coliseum, W. G. Bate, chairman fall exhibition committee, Newton Falls, O.

November 15-20, Baltimore, Md.—Maryland Week exhibition, Maryland State Horticultural Society, Fifth Regiment Armory, Thomas B. Symons, secretary, College Park, Md.

January —, 1916, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society, A. F. J. Baur, secretary, Thirty-eighth and Rockwood avenue, Indianapolis, Ind.

March 25-April 2, Philadelphia, Pa.—Fourth National Flower Show, under the auspices of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

April 5-12, 1916, New York.—International Flower Show, Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

Detroit, Mich., October 18.—Detroit Florists' Club, Bomb Floral hall, 153 Bates street, R. H. Wells, secretary, 827 Canfield avenue, Detroit.

Montreal, Que., October 18.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street, W. H. Horabin, secretary, 283 Marquette street, Montreal.

Grand Rapids, Mich., October 18.—Grand Rapids Florists' and Gardeners' Club, office of member, Edward Freyling, secretary, 1057 Wealthy avenue, Grand Rapids.

Boston, Mass., October 19.—Gardeners' and Florists' Club of Boston, Horticultural hall, Wm. Craig, secretary, Faulkner Farm, Brookline.

Lake Geneva, Wis., October 19.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall, Raymond Niles, secretary, Lake Geneva.

Toronto, Ont., October 19.—Gardeners' and Florists' of Ontario, St. George's hall, Elm street, Geo. Douglas, secretary, 189 Merton street, Toronto.

Newark, N. J., October 21.—Essex County Florists' Club, Krueger auditorium, 25 Belmont avenue, John Crossley, secretary, 37 Belleville avenue, Newark.

New Orleans, La., October 21.—New Orleans Horticultural Society, Association of Commerce building, corner St. Charles and Common streets, C. R. Painter, secretary, 2320 Calhoun street, New Orleans.

Tacoma, Wash., October 21.—Tacoma Florists' Association, Macabee hall, Eleventh and C streets, F. H. Atchison, secretary, South Fifth and East F street, Tacoma.

Hartford, Conn., October 22.—The Connecticut Horticultural Society, County building, Hartford, Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

CANNA stalks should be cut down at once to four inches from the ground before any frozen sap can descend into the tubers, the clumps lifted and gotten into a temperature of from 50 to 60 degrees.

Virgin-Retuer.

Invitations are out for the wedding of Miss Nola Mary Virgin, daughter of Mr. and Mrs. Uriah J. Virgin, New Orleans, La., to Louis Bernard Reuter, of the same city, October 20.

Personal.

S. J. Reuter, Westerly, R. I., received the good wishes of many friends October 7, the occasion being his sixty-fourth birthday.

Jackson Dawson, superintendent of Arnold Arboretum, Brookline, Mass., celebrated his seventy-fourth birthday October 5.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in bothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—By middle aged German gardener as foreman. Understands the care-taking of pot-plants and general greenhouse stock. Specialist in roses. Address Key 547, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORION, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Young English lady who has had much experience in London flower shops, is desirous of securing a situation in a Chicago loop store; can come well recommended. For further particulars address Key 571, care American Florist.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—Grower of pot plants; must come well recommended; handy in store. A. MALCHOW, 3745 North Clark St., Chicago.

Help Wanted—Experienced florists wanted for cut flower departments; no plantmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist greenhouse business; good seven room house; 1/4 acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2 3/4 acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—Fine \$250.00 retail florists' refrigerator for \$150.00 cash. Reason for selling, owner wants to install larger one of same make. Used only six months. Now in use in Chicago retail store, where same can be inspected. For further particulars, address Key 566, care American Florist.

For Sale—On account of death of my husband, have 4 greenhouses and dwellings for sale or rent. Splendid location, established 28 years, doing fine business; whatever is in stock given gratis. For particulars call or write, MRS. THERESA VALOM, 838 31st Street, Milwaukee, Wis.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

For Lease or Sale—My new greenhouse, 20x120 and 2 acres of best land, 4 room house, furnished. Greenhouse planted to late sarr roses; cutting good ones. Ready market. Will rent cheap to a rose grower for a year. Here is your chance to try a year on the coast. Can do business from your first day in possession. To a good man I will give a good chance. Get busy. S. L. HARPER, Florist, 9021 Pacific Ave., Tacoma, Wash.

Help Wanted

Foreman for large commercial place in middle west. Must be expert rose grower. State full particulars in first letter.

Key XXX, care American Florist.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

Boiler For Sale.

Fire box steam boiler 48x12 in good condition, cost \$450 when new, but will sacrifice cheap if taken at once. F. O. B. Chicago

Key 569, care American Florist.

Excellent Opportunity for Florist with \$4000 to \$6000 Cash

7 acres good, level ground on steam railroad, also interurban; 10 miles from city. Will build to suit, also turn over contract for yearly supply—Vegetable Plants, Hardy Plants, etc. One contract alone should be worked up to several thousand dollars annually.

THE J. CHAS. McCULLOUGH SEED CO. 228-230-232 East 4th St., CINCINNATI, O.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 3/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

POEHLMAN

72-74 E. Randolph St.,

RUSSELL--VALLEY--CARNATIONS--BEAUTIES

Cattleyas=White Dendrobiums=Yellow Oncidiums=Gardenias

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$5.00
36 in.....	4.00
30 in.....	3.00
24 in.....	2.50
20 in.....	2.00
18 in.....	1.50
Short.....	\$0.75 to 1.50

Mrs. Chas. Russell

	Per 100
Specials.....	\$20.00
Long.....	15.00
Medium.....	\$8.00, to 12.00
Short.....	4.00 to 6.00

Hoosier Beauty	}	Special..	Per 100	\$12 00						
HADLEY					}	Long....	10.00			
OPHELIA								}	Med.....	\$6.00 to 8.00
SUNBURST											}	Short...	4.00
MILADY										

RICHMOND	}	Per 100															
BULGARIA			}	Specials.....	\$12.00												
AARON WARD						}	Long.....	\$8.00 to 10.00									
KILLARNEY									}	Medium..	6.00						
WHITE KILLARNEY												}	Short.....	3.00 to 4.00			
KILLARNEY QUEEN															}	" BRILLIANT	
"																	

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, 3.00

MISCELLANEOUS

Chrysanthemums.....	per doz., \$2.00 to \$4.00
	Per 100
Smilax.....	doz. \$2.00
Plumosus and Sprenger.....	2.00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.25
Leucothoe.....	.75
Mexican Ivy.....	per 1000, \$6.00
Ferns, new crop.....	per 1000, 2.00

ORCHIDS

Cattleyas.....	\$6.00 to
White Dendrobiums.....	per 100,
Yellow Oncidiums.....	per 100,

GARDENIAS

Per doz.....
--------------	-------

EASTER LILIES

Per 100.....
--------------	-------

LILY OF THE VALLEY

Fancy, per 100.....	.....
2nd	\$3.00 to

CARNATIONS

All colors, best, per 100.....	.....
Medium, per 100.....	.....

WILD SMILAX

Per case.....
---------------	-------

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia sto

FLORISTS' SUPPLIES

Red Ruscus=EE Quality, per lb., 75

Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefinitely

50 Assorted Tumbler Baskets

(two-toned), with Liners, \$10.00

CYCAS LEAVES

Just what you want for base work in designs and wreaths, 8 to 12 inch flexible leaves, per 100, \$1.50. Dull or glossy finish. Cycas Leaves, in assortment, 12 to 40 inch, per 100, \$7.00.

Brown, Red and Green Magnolia Leaves, per hamper, \$1

Write for New Design Book (Colored Plates), Each, 50 cents

Give us a trial order, we will please you.

Write for our new catalog.

N BROS. CO.

g Distance Phone,
Randolph 35. CHICAGO, ILL.

Field-Grown Carnation Plants, A1 Quality

	Per 100	Per 1000
8,000 Enchantress.....	\$5 00	\$45 00
5,000 Champion.....	5 00	45 00

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 plants in a pot	24 in. high	\$1.50
3 plants in a pot	38 in. high	3.50

Specimens, very heavy, \$10.00 to \$12.00.

Kentia Forsteriana

Single Plants	Each
6 inch pots, 5 to 6 leaves, 28 to 30 in. high	1.00
6 inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves, 44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves, 5 t. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants	Each
7 inch pots, 3 plants in a pot, 28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub, 50 in. high	5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub, 5 ft. high	8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub, 6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants,
\$15.00, \$18.00 and \$25.00 each.

Kentia Belmoreana

Single Plants	Each
4 inch pots, 5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.	
6 inch pots, 6 to 7 leaves, 24 in. high	1.00
6 inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
7 inch pots, 6 to 7 leaves, 36 in. high	3.00
8 inch tubs, 6 to 7 leaves, 38 in. high	3.50
8 inch tubs, 6 to 7 leaves, 48 in. high	5.00
8 inch tubs, 6 to 7 leaves, 58 to 60 in. high	7.00

Specimens, \$15.00 to \$50.00.

Phoenix Roebelenii

Single Plants	Each
5 inch pots.....	\$1.00
7 inch pots, 22 in. high, 30 to 32 in. spread.....	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	5.00 to 7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....	1.50

Quality Plants

FERNS.

Boston, Roosevelt and Whitmani			
Each	100	Each	
ot...\$0.50	\$45.00	10 inch pot..	\$2.00 to \$2.50
ot.... .75	.....	12-inch pot..	3.00 to 3.50
ot....	1.00		

CROTONS.

Very Fine Colored Stock			
Each	100	Each	
ot.....	\$.50	\$45.00	
ot, strong.....	.75	70.00	
ot.....	1.00	1.50	

CYPERUS ALTERNIFOLIUS.			
Umbrella Plant			
ot.....	\$.80 per 100		

ARAUCARIA EXCELSA

Single Plants	Each
5 inch, 3 to 4 tiers.....	\$0.75
6 inch, 4 tiers.....	1.00
7 inch, 4 to 5 tiers.....	1.25
7 inch, 5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

Single Plants	Each
6 inch, 2 to 3 tiers.....	\$1.00
7 inch, 3 tiers.....	1.50
7 inch, 3 to 4 tiers.....	2.00
9 inch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Single Plants	Each
Highly Colored Stock	
4-inch pot.....	\$0.35
5-inch pot.....	.50
6-inch pot.....	.75

CYCLAMEN. Best German Strain.

3-inch pot.....	\$ 8.00 per 100
-----------------	-----------------

SMILAX

2¼-inch pot.....	\$2.50 per 100; \$23.00 per 1000
3-inch pot.....	4.50 per 100; 40.00 per 1000

ASPARGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

BEGONIA VERNON

In bloom.....	4-inch, 10c each; \$10.00 per 100
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CHRYSANTHEMUM POT PLANTS

Ready October 20	
5½ and 6-inch pots.....	40c, 50c and 60c each
7-inch.....	75c, \$1.00, \$1.25, \$1.50 and up

CHRYSANTHEMUMS

NOW READY—Extra large Yellow, White and Pink, very fancy, \$3.00 per doz. Good sized, \$2.00 per dozen; Small Yellow Sprays, per bunch, 50 cents.

LARGE CUTS OF ROSES

Beauties - Russell - Ophelia - Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.	Killarney Brilliant, White and Pink		
Specials, extra long stems.....		\$4.00	Richmond and Hillingdon		Per 100
30 to 36 in. stems.....		\$ 2.50 to 3.00	Long.....		\$8 00
24 in. stems, New Beauties.....		2.00	Medium.....		\$5 00 to 6.00
18 in. stems.....		1.50	Short.....		3.00 to 4.00
Shorter lengths.....		per 100, \$6.00 to \$8.00	Cecile Brunner..... per bunch, 50c		
Russell		Per 100	CARNATIONS.		
Specials.....		\$12.00 to \$15.00	Pink, White, Red (indoor)..... 3.00 to \$4.00		
Extra long.....		10.00	Choice EASTER LILIES.....\$1.50 per doz.		
Good medium.....		6.00 to 8.00	LILY OF THE VALLEY 4.00 to 5.00		
Short.....		4.00	ASPARAGUS SPRAYS and SPRENGER 3.00		
Sunburst, Ophelia, Rhea Reid, Bulgarie and Sawyer		Per 100	FERNS, new Wisconsin 1000, \$2.00		
Special.....		\$10.00	GALAX, bronze and green per 1000, \$1.25 to \$1.50		
Long.....		8.00			
Medium.....		5.00 to 6.00			
Short.....		3.00 to 4.00			

ROSES in lots of 300 or more at the rate of \$30.00 per 1000

CHRYSANTHEMUMS —Yellow, White and Pink, large.....	\$3.00 per dozen
Yellow and White, good medium.....	2.00 per dozen
Small Yellow in sprays, per bunch.....	50 cents

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

OFFICE and STORE,

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK IS SCARCE.

Stock of all kinds is very scarce and the market has cleaned up completely every day the past week at an early hour. The cold weather had something to do with the shortage of stock, but the cleanup was due principally to the great improvement in business both in this city and out-of-town points. The shipping trade has been remarkably good and the city demand was never so heavy the past six months as it was this week. The retail florists have been unusually busy with wedding orders and funeral work, not to mention the many store openings, receptions, etc. One of the prominent loop florists is very enthusiastic over the business outlook for fall and states that his sales last week were very encouraging and nearly 50 per cent better than those of the corresponding week last year. American Beauty roses are arriving in splendid condition and the fancy grades are bringing as high as \$4.00 and \$5.00 per dozen. Roses of all kinds are in short supply and have advanced considerably in price with not enough stock to fill all the orders. Mrs. Chas. Russell and White Killarney roses particularly are in brisk demand and are bringing good prices. Chrysanthemums are more plentiful but clean up quickly each day at better prices than heretofore. Lily of the valley, orchids and gardenias are having good call and clean up

PERCY JONES INC. **PERCY JONES** INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

well at good prices with the exception of imported orchids from the east which have been sold as low as \$25 per 100 at times. Sweet peas are a trifle more plentiful but there is still a shortage in this line and the better grades are now bringing \$1.50 per 100. Gladioli have seen their best days and very little stock in this line is being offered. The heavy frost last week killed nearly all the out-door flowers which have glutted the market for months and while everyone is glad to see them out of the way, some of them could have been used to good advantage this week. Lilies are scarce and the same holds good for carnations

THREE THROUGH SLEEPERS

CHICAGO TO THE SOUTHWEST.
The Wabash Road operates a daily through sleeper, Chicago to Hot Springs, one to Houston and one to El Paso, Texas. Write for folder giving full details. Wabash Ticket Office, 68 W. Adams St.

which have advanced considerably in price the past few days. The weather recently has been very favorable for growing conditions and while an increased supply may reach the market in a few days stock will not

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

Russell-Ophelia-Richmond

and all the other Roses listed below in large enough supply to fill all the demands. Buy here and get the best obtainable for the least money.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$4 00
48-inch stems.....	3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$.50 to 75

Richmond.....
Killarney.....
White Killarney ...
Killarney Brilliant
My Maryland.....
Sunburst.....
Milady.....
Ophelia.....

	Per 100
Extra select.....	\$8 00 to \$1000
Select.....	6 00
Medium.....	5 00
Short.....	\$3 00 to 4 00

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50 to \$2 00
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection.....

Per 100
\$3.00

Carnations.....	2.00 to 4.00
Chrysanthemums.....doz., \$2.00 to \$3.00	
Harrisii.....	10 00 to 12 50
Valley.....	4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 50
Leucothoe..... per 100.....	\$1.00

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.

Wholesale Florists

30 East Randolph Street

Chicago, Ill.

THE SIGN OF QUALITY

be any too plentiful in certain lines for several weeks to come. The supply houses report a big increase in business this week and taken all in all everything points to a very encouraging season and which will without any question be much better than last year. The Grand Floral Festival to be held in the Coliseum, November 9-14, continues to be the chief topic of conversation in the market and the closer the big event approaches the more boosting one hears and from present indications it appears as if it

will be one of the biggest flower shows ever held in this city.

NOTES.

The Chicago Flower Growers' Association, 176 North Michigan avenue, has leased new quarters in the Le Moyne building at Lake street and North Wabash avenue, in which the E. C. Amling Co., Bassett & Washburn and A. L. Randall Co. are now located and expect to occupy their new home by November 1, 1915. The change of location was decided upon at a meeting of the board of directors held at

CURRENT PRICE LIST

ROSES

Mrs. Chas. Russell—	Per 100
Good.....	\$6.00 \$8.00 \$10.00
Extra Fancy....	\$12.00 \$15.00

Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—

Long.....	\$6.00 per 100
Medium.....	5.00 per 100
Short.....	4.00 per 100

Specials billed accordingly.

Carnations.....\$2.50 to \$3.00 per 100

Chrysanthemums—

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.

Lilies.....\$10.00 to \$12.50 per 100

Lily of the Valley..... 4.00 per 100

Ferns..... 2.50 per 1000

Order here and get satisfaction

CUT FLOWERS

Everything Seasonable

ROSES-GARNATIONS-ETC.

ALSO GREEN GOODS

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

the store, Tuesday, October 12, and there is no doubt but what the move will result in greater business for the association, for the new stand is one

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

of the best locations in the Great Central Market. Those present at the meeting were: Edw. Muret, president; Fred Schramm, vice-president; Chas. McCauley, treasurer; George Weiland, secretary; Anton Then, Joseph Schoos, Rudolph Ellsworth, Fred Strelow and Paul R. Klingsporn, manager. Manager Klingsporn says that they will have about 4,000 square feet of floor space, including the basement room, and that their lease reads for five years, starting May 1, 1916. The store is an L-shaped one with an entrance at 181 North Wabash avenue and 31 East Lake street, and is directly north of the store occupied by Bassett & Washburn across the hallway. Another wholesale concern is figuring on space in the Le Moyne building on the ground floor, further particulars of which will be published later.

Frank Oechsli, 4911 Quincy street, has his stock looking in splendid condition, particularly the poinsettias and cyclamens. The neighborhood in the vicinity of his greenhouses is rapidly being built up with modern flat buildings and it will be only a question of a few years before his property will be too valuable for growing purposes. Mr. Oechsli has worked pretty hard in his day and he can remember the time when he first started in business when he could look out of his front window and see way beyond Lake street, which is impossible now, for the territory north of the greenhouses is well filled with new homes, and the same holds good for the land lying to the east and south. Some of the people in the trade still have an idea that he is located in the wilderness, for a downtown florist called him up the other day and wanted to know if he would go out and cut him a few oak sprays.

A. Henderson, chairman of the Trade Space Committee for the Grand Floral Festival, to be held in the Coliseum, November 9-14, 1915, is well pleased with the way the space is selling and it appears as if the retail florists particularly will be largely represented, for several of the leading ones have already signed up for space for booths and many more are seriously thinking of doing likewise. The other lines are also well represented and there is no doubt but what every foot of space will be sold before the doors open. When one considers that this is the great central market and that there is always a large number of visitors at the time the show is being held, it is a splendid chance to make a display at such a low cost of 20 and 30 cents per square foot at one of the biggest shows ever held in this city. Those who have not already contracted for space would do well to do so as early as possible, so as to insure a good location.

The Cook County fair, which was to take place at Palatine, October 14-16, will be postponed until next year. This decision was reached by the members of the fair association at a recent meeting though an injunction had been granted preventing the state board of live stock commissioners from interfering with the fair. At the meeting a committee was appointed to draft a letter to be sent to the state board of live stock commissioners and

WARD ROSES

\$3.00 to \$10.00 per 100.

Try a sample shipment of 100 or more today. You will not be disappointed for they are of unusually fine color and the stems and foliage are all that can be desired

	Per 100	Per 100	
Milady	\$4.00 to \$15.00	Killarney	\$3.00 to \$10.00
Killarney's Brillia	3.00 to 10.00	White Killarney	3.00 to 10.00
Ophelia	3.00 to 10.00	Cecile Brunner, bunch,	50c ea.

RUSSELL—Finest Grown at \$4.00 to \$20.00 per 100.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

the state veterinarian, expressing willingness to co-operate in stamping out the foot and mouth disease.

John Mangel, the Palmer House Florist, is having a fall opening this week and has his place fixed up in grand style including his new conservatory which is completely filled with plants and palms. Orchid plants in bloom play an important part in the decoration and if anyone wishes to see a beautiful retail establishment one wants to visit the Mangel store this week. Mr. Mangel has spared no expense in making the decoration complete and has every reason to feel proud of the showing that he is making.

The Fleischman Floral Co. has a new card which it is distributing and bears the words, "Ask your friends if they can say this fast, 'For Fine Fresh Fragrant Flowers For Friends Fone Fleischman.'" This firm is still hearing of the splendid Japanese window display that they made and afterwards sold and sent to Florence, Italy, and if the people insist upon talking much more about it the firm will probably have to consider making another along the same line.

The A. L. Randall Co. is busy filling orders for Zvolanek's winter flowering orchid sweet pea seed, for which the demand is exceedingly heavy. The demand for lily of the valley in the cut flower department is very brisk, according to Eric Johnson, and while they are offering a good supply there is none too much to go around.

The trade is again represented in the North Chicago Bowling League by a rattling good team, consisting of John Huebner, Wm. Lorman, Allie Zech, Fred Price and Peter Olsem. The season opened last week when the boys succeeded in winning two out of the three games played.

Miss Cecile Muno, daughter of John Muno, and Henry Steffen were married at St. Henry's church, Tuesday, October 12, Reverend J. Ruetershoff officiating. A reception was held at the home of the bride when the happy young couple were showered with costly presents.

A. L. Vaughan & Co. report a busy week with an early clean-up in stock each day. Mr. Vaughan says there were more strange faces in his store this week than there has been in any one week before and it is needless to add that they were all buyers looking for stock.

Geo. Asmus, chairman of the National Flower Show committee, leaves for Philadelphia this week, where he will confer with the various committees engaged in the work of the Fourth National Flower Show, to be held in that city, March 25-April 2.

Louis Wittbold and D. B. Dulmage made a trip to Ottawa this week to inspect the big greenhouse that the Garland Manufacturing Co., of Des Plaines, has just completed for Davis & Steiner of that city.

George Wienhoeber is making some very attractive window displays at his South Wabash avenue store and it is always a pleasure to walk out of one's way just to see what he is going to show next.

The Raedlein Basket Co. will have a large display at the Grand Floral Festival to be held in the Coliseum, November 9-14, and have the honor of being the first one to contract for space.

Wietor Bros. are cutting a good supply of roses and carnations, but the demand for them was so great during the general scarcity of stock that it was impossible to fill all the orders.

F. O. Franzen, 5319 North Clark street, will have two decorated automobiles in the North Clark Street Business Men's parade, Thursday evening, October 14.

George Kaspar, 4005 West Twenty-sixth street, had a decorated automobile in the business men's parade in his neighborhood, Wednesday, October 13.

Wm. Wienhoeber, of the Ernst Wienhoeber Co., 22 East Elm street, and wife made an automobile trip to Madison, Wis., this week.

Wm. J. McKee has accepted a position as bookkeeper with the John Kruchten Co., entering upon his duties this week.

Beauties-Roses-Carnations

and everything else that you need in Cut Flowers and Greens.
Extra fancy stock in all grades at moderate prices.

Vaughan's Current Price List

American Beauties	
	Per Doz.
Extra special (best).....	\$4.00
Special.....	3.00
30 to 36-inch stems.....	2.50
12 to 20 inch stems.....	1.50
Shorter stems, per 100, \$4.00 to	8.00

Russell	
	Per 100
Extra Special.....	\$15.00 to \$18 00
Special.....	10.00 to 12.00
Select.....	6.00 to 8.00
Short.....	4.00 to 5.00

Milady, Ophelia, Sunburst	
	Per 100
Special.....	\$10.00 to \$12.00
Select.....	6.00 to 8.00
Short.....	3.00 to 4.00

Killarney Brilliant, Ward	
	Per 100
Special.....	\$8.00 to \$10.00
Select.....	4.00 to 6.00
Short.....	3.00

Killarney, White Killarney, Richmond	
	Per 100
Special.....	\$8.00 to \$10.00
Select.....	4.00 to 6.00
Short.....	3.00

Cecile Brunner, Geo. Elgar	
	Per 100
Good Stock for corsage and table work.....	\$2.00

Carnations	
	Per 100
Fancy.....	\$1.00
Short.....	3.00

Chrysanthemus	
	Per Doz.
Yellow.....	\$2.00 to \$3.00
White.....	2.00 to 3.00

Orchids	
	Per Doz.
Cattleyas.....	\$5.00 to \$6.00

Miscellaneous	
	Per 100
Valley.....	\$ 3.00 to \$ 5.00
Lilies.....	10.00 to 12.50
Gardenias.....	2.00 to 3.00
Ferns...per 1000, \$2.50	
Galax.....	1.25
Leucothoe.....	.75
Adiantum.....	1.00
Plumosus, per bunch, 35c to 50c	
Sprenger " " 25c to 50c	
Smilax, per doz.....	\$2.00
Wild Smilax, per case.....	5.00
Boxwood, per bunch.....	25c

Subject to market changes.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
" 2572
Auto. 4A-734

Chicago

Poehlmann Bros. Co. is having a big call for the assortment of 50 tumblers for \$10.00 that the supply department is featuring, and new orders are arriving each day. This department is well stocked up with goods of all kinds for fall and winter use and is particularly strong on ruscus and cycas leaves. T. E. Waters will have a big display of supplies at the store during the week of the Grand Floral Festival to be held in the Coliseum, November 9-14, in addition to the exhibit that the firm will make at the show. In the cut flower department stock of all kinds is arriving in splendid condition, particularly American Beauty roses and is cleaning up well each day.

Bassett & Washburn are gradually getting things in working order at their new store, and when everything is completed they will be in a better position than before to handle their ever increasing business. Mr. Washburn received an album of views from his business partner, O. P. Bassett, of Pasadena, Calif., which were taken on his automobile trip from his home to this city and return.

Percy Jones is handling a large quantity of green goods of all kinds and will have his usual large supply of boxwood to offer as in former years. Chrysanthemums have made their appearance at this house, but the shipments that are arriving are only a small part of those that are to follow.

A. T. Pyfer & Co. have added a chrysanthemum grower to their list of consignors, which accounts for the increased supply of this stock that they are now handling and which is cleaning up well each day.

M. Pekarek, proprietor of the California Floral Co., 3402 West Twenty-sixth street, is the proud owner of a new Buick passenger car.



JARDINIERE STAND BASKET

Best and Most Attractive Basket for Window and Store Display.

Width, 10 inches; depth, 9½ inches, height over all, 36 inches.

	White Enamelled	Gold or any	
Natural Stained	or Ant. Green.	2 tone	
\$2.15	\$2.50	\$3.00	\$3.50

The same basket, finely decorated and hand painted \$1.50 more.

ASSORTMENT

25 Cut Flower Baskets Including Liners For Pompons and Other Flowers **\$7.50**

Just the styles you need for your fall and winter trade. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order Today. Write for our new circular

RAEDLEIN BASKET CO.

713 Milwaukee Ave.

CHICAGO

Zech & Mann are supplying their customers with a good supply of Early Frost, Yellow Touset and Chrysolora chrysanthemums.

LARGE WHITE and YELLOW 'MUMS

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

BEAUTIES-VALLEY--HARRISII--besides

ANYTHING AND EVERYTHING
THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

The Bohannon Floral Co. had its fall opening, Wednesday, October 14, at 57 East Monroe street, which was a great success, the store being filled with customers all day, who responded eagerly to the attractive invitations that were mailed. The establishment was handsomely decorated in Bohannon's artistic style, which was in line with the new fixtures and decorative novelties that were added to make the event complete. The many wedding orders that this firm was called upon to fill during the week of the opening made it necessary for the force to work overtime, and for several evenings the entire crew was on duty until nearly midnight.

Ignatius Wieczorowski, who has been engaged in the florist business on Best avenue and later at 932 Wolfram street since 1871, died last week at the age of 69. He was born in Germany and came to this country at an early age and worked at his chosen profession almost up to the time of his death. He was well and favorably known and had a host of friends in the trade in this vicinity. The funeral was held from the family residence Saturday, October 9, and the remains were laid to rest in St. Adelbert's cemetery. He leaves a wife and one son, Alex, who is engaged in the florist business here.

A. Lange and his large force of assistants were unusually busy at the Lange establishment Saturday, October 9, when the sales for that day were the largest since Memorial day. On top of the many wedding orders and the rush of transient trade, Mr. Lange had orders for nearly a wagon load of designs for the Marx funeral held at Lake Forest the following Monday. His heavy advertising in the daily papers during the past week no doubt has had much to do with the great increase in his sales.

W. H. Kidwell & Son, 929 East Forty-third street, had five beautifully decorated automobiles in the Forty-third street business men's parade held

Thursday evening, October 7. Advertising blotters were distributed during the procession by the Kidwell concern and everyone who had the pleasure to attend the carnival will agree that their showing was the hit of the parade.

The Red-Bud Flower & Sweet Shop, which opened about a week ago in the Masonic Temple, is presenting their customers with a twelve-page booklet, with an embossed cover, which contains the Love Language of Flowers and is one of the most beautiful advertisements that a retail store has ever issued.

Peter Reinberg is still filling a large number of orders for carnation plants, and during the past week the demand was so heavy that he sold out in certain varieties. Business at the store the past week was very brisk and stock cleaned up as soon as it was unpacked at high prices.

Miss M. C. Gunterberg has returned from a business trip to New York where she called on all her violet growers in the Rhinebeck district and where she completed arrangements to handle her usual large supply through her local wholesale store at 158 North Wabash avenue.

Fred Wolfram left October 9 for Toledo, O., where he accepted a position with Feniger's Flower Shop. He had the order for the June wedding at Oak Park last week which called for a large supply of cut flowers, principally roses and chrysanthemums.

Rheinold Schiller, with Schiller the Florist, 2221 West Madison street, has returned from a delightful trip in the east where he visited a large number of the prominent retail establishments in all the leading cities, covering all told over 3,000 miles.

Peter Duris is back from a business trip to Detroit, Mich., and is seriously thinking of opening a new retail store in the loop district.

E. G. Hill, of the E. G. Hill Co., Richmond, Ind., called on the trade

here October 9 on his way home from the Pacific coast.

H. N. Bruns has been given a verdict in the Burbank case on the second trial, the first having been dismissed.

Edw. Amerpohl, of Janesville, Wis., was a visitor in the wholesale market this week.

A. Henderson & Co. are unloading a car of giganteum lily bulbs this week.

Visitors: Henry M. Burt, Jackson Mich.; C. C. Pollworth, Milwaukee, Wis.

Cincinnati.

ACTIVE DEMAND FOR GREENHOUSE STOCK.

Outdoor stock, for all practical purposes, now is out of the market, and the greenhouse stock is meeting with a better and more active demand than for a time and is bringing better prices. Chrysanthemums are now coming into the market very strong and include good assortments of all of the early varieties. Roses continue plentiful and sell fairly well. More good carnations might be used. Easter and rubrum lilies generally clean up each day. Other offerings include lily of the valley, orchids and a few single violets. The supply of green is sufficient for all present needs.

NOTES.

During the past fortnight C. E. Critchell has been getting in many baskets and novelties for his fall and Christmas trade.

P. J. Olinger reports a very active demand for his roses and carnations.

Visitors: C. P. Brunner, Springfield, O.; Fred Rupp, Lawrenceburg, Ind.; Walter Gray, Hamilton, O. H.

WOONSOCKET, R. I.—The finance committee of the city council is considering an appropriation of \$5,000 for the beautification of the high school grounds. H. A. Jencks, landscape architect of New York, has presented plans.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave..

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$4 00@5 00
" " 36-in.	3 00
" " 30-in.	2 50
" " 24-in.	2 00
" " 20-in.	1 50
" " 15-in.	1 00
" " 12-in.	75
Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	3 00@10 00
" White Killarney.....	3 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	3 00@10 00
" Rhea Reid.....	3 00@10 00
" My Maryland.....	3 00@10 00
" Mrs. Geo. Shawyer.....	3 00@10 00
" Milady.....	3 00@15 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	3 00@10 00
" Hadley.....	3 00@15 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Asters.....	1 00@ 4 00
Carnations.....	2 00@ 4 00
Cattleyas..... per doz., 4 00@ 6 00	
Gardenias..... per doz., 3 00@ 4 00	
Chrysanthemums..... per doz., \$1.50 to \$4.00	
Gladioli.....	2 00@ 8 00
Lilium Harrlaii.....	10 00@12 50
Sweet Peas.....	1 50
Valley.....	4 00@ 5 00
Adiantum Croweannm.....	1 00@ 1 50
Ferna.....	2 50
Galax..... " 1 00@1 25	
Lencothoe.....	75 @ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosus Strings..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

WEILAND & RISCH
GROWERS AND SHIPPERS
CUT FLOWERS
154 NO. WABASH AVE., CHICAGO
PHONE CENTRAL 879

SHIPMENTS EVERYWHERE IMMEDIATE DELIVERIES

Wieter Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

CATTLEYAS

Dozen.....\$4.00 to \$5.00 The best, 100.....\$35.00

GARDENIAS

Dozen.....\$1.50 to \$3.00

ONCIDIUMS

100 flowers.....\$4.00

DENDROBIUMS

Dozen.....\$6.00

BEAUTIES, of the finest quality, \$1.00 to \$3.00 per dozen.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

BUSINESS SHOWS MARKED IMPROVEMENT.

Business has improved to a marked degree the past week, the "coming out" teas being now in full swing. These functions open up the social season, creating a demand for flowers, particularly the high grade stock, which is most gratifying. It has been "overcoat weather" the past week, the nights having been very cool at times, in fact, very near to frost. All the outside stock, save the dahlias, are gone and the supply of these showy flowers has fallen off so that the public is becoming weaned, as it were, and will scarcely notice their demise. All the roses have shortened up considerably. American Beauties are more scarce, even one dozen at a time was a prize on Saturday last. Until the weather warms up there will be a great scurrying for stock the next week or so. Carnations are now good stock and sell up clean; the quality is improving and so also is the price, which is one-third to one-half better than two weeks ago. The only plentiful flower appears to be the cattleyas, which are offered low in quantity lots. Lily of the valley is scarce, only good buyers getting what they need. Chrysanthemums are very shy as yet. Unaka, a pink, is in, and Early Snow and Polly Rose are expected this week, as is fall cosmos, which has a week or 10 days of popularity just before the killing frosts. Autumn leaves are now to be had in good color and are largely used in window and store decorations.

NOTES.

The dahlia baskets of Penock Bros., exhibited at the last meeting of the florists' club, with their method of display seemed just like a section of their window. A special vote of thanks was given them. W. A. Manda's giant dahlias were a splendid feature and much appreciated by the members. The new essay committee have something new in store. Debates and real live questions "hot off the griddle" are to put new life into the meetings. Everybody come and get in the game.

The plant men are working overtime, getting out orders, particularly for out of town customers, who want their stock in transit before danger of frost.

The Joseph Heacock Co. reports an unusual run on kentias, more stock going out and future orders received than ever before experienced. They are cautioning their local trade to order ahead for this season's needs before it is too late.

Dahlias are still a feature with the Leo Neissen Co., although frost is expected at any time. American Beauties are leaders, the stock of the coming winter promising to be very large.

The Philadelphia Wholesale Exchange is handling some very choice Killarney Brilliant from Wm. A. Leonard, of Lansdowne, Pa. Orchids and gardenias are also specialties.

Edward Reid is very optimistic about the coming season, seeing signs of great prosperity. American Beauties, lily of the valley and cattleyas are features here.

A number of good wedding orders were handled the past week, at which the decorations were quite elaborate.

K.

Wholesale Flower Markets

BOSTON, Oct. 13.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@5 00	
" Double White Killarney.....	1 00@6 00	
" Killarney Brilliant.....	2 00@8 00	
" Hadley.....	2 00@10 00	
" Cardinal.....	2 00@12 00	
" Mock.....	2 00@8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@8 00	
" Taft.....	2 00@8 00	
" Milady.....	2 00@8 00	
" Ward and Hillingdon.....	2 00@6 00	
" My Maryland.....	50@5 00	
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@4 00	
Sweet Peas.....	50@1 00	
Carnations.....	50@1 00	
select.....	1 50@3 00	

BUFFALO, Oct. 13.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " fancy.....	15 00@20 00	
" " extra.....	10 00@12 00	
" " No. 1.....	6 00@10 00	
" " No. 2.....	2 00@3 00	
" Killarney.....	3 00@6 00	
" White Killarney.....	3 00@7 00	
" My Maryland.....	3 00@6 00	
" Killarney Queen.....	3 00@4 00	
" Richmond.....	3 00@6 00	
" Sunburst.....	3 00@6 00	
" Ward.....	3 00@6 00	
" Taft.....	3 00@6 00	
" Opbella.....	4 00@8 00	
" Mock.....	3 00@6 00	
" Francis Scott Key.....	4 00@8 00	
" Sawyer.....	3 00@7 00	
Lily of the Valley.....	4 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@3 00	
Chrysanthemums.....	8 00@20 00	
Cosmos.....	50@1 00	
Dahlias.....	1 00@3 00	
Snapdragons.....	1 00@2 00	
Gladioli.....	2 00@3 00	
Asters.....	40@1 50	
Aparagua Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 50	
Smilax.....	15 00	

CINCINNATI, Oct. 13.		Per 100
Roses, Beauty.....	per doz., \$0 75@33 00	
" Killarney.....	3 00@6 00	
" My Maryland.....	3 00@6 00	
" Richmond.....	3 00@6 00	
" Taft.....	3 00@6 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	5 00	
Aparagua Plumosa.....	par bch., 25c	
Orchids.....	per doz., \$7.50	
Chrysanthemums.....	10 00@20 00	
Dahlias.....	2 00@3 00	
Carnations.....	2 00@3 00	
Rubrum Lilies.....	3 00@6 00	

Columbus, O.

MARKED TRADE IMPROVEMENT NOTICEABLE.

All florists have found a marked improvement in business during the past two weeks, due largely to the beginning of the social season, in which weddings now figure largely. Garden flowers are still a factor, owing to the holding off of frost. Gladioli and dahlias have about run their course and there is a scarcity of flowers with which to replace them. Chrysanthemums are very tardy, practically all growers having timed their blooming for a later date than usual, making the demand for them strong and prices are high. Carnations are still in their first cutting and rather inferior. They command from 50 cents to 60 cents a dozen. The demand for roses exceeds the supply, and florists shops are kept well cleaned up. Violets are coming into market. Paper White narcissus,

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

Select Dahlias in Variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock

Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Dahlies, Valley, Orchids and Peas.

Obtain our prices on quality lots.

Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

**Philadelphia Wholesale Florists' Exchange
ORCHIDS, GARDENIAS**

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists

1625 Ranstead St., Philadelphia, Pa.

hyacinths and all other seasonable bulbs are having a good sale. Imported varieties appear to be plentiful, with the exception of Chinese lilies, which are a short crop because of the floods.

NOTES.

Young people of both sexes in the trade have organized a florist social club. Some 30 members are enrolled. They will participate in a dance, a theatre party, or other form of amusement of their own planning once a

New York.

ALL STOCKS SELL WELL.

While a number of retailers reported rather dull business during the past week, there was considerable activity in the wholesale district on account of a light supply of stock. Excepting chrysanthemums, which are arriving in greater numbers than a week ago, and orchids, which are in fair supply, every greenhouse stock is scarce. There is a fair supply of dahlias and they are selling well, first class stock selling up to \$3 and \$4 per 100. As stated, there is a fair supply of orchids but prices are advancing. Good lily of the valley has sold as high as \$6 per 100, and indications are that the price may remain high for some time to come. While it is believed that there is yet a fair supply of pips in cold storage in this country, the uncertainty of future arrivals from abroad is causing those who have a supply to handle them carefully. The demand for American Beauty roses has not been heavy up to this time and the supply seems to be about equal to the demand. On October 9, several wholesalers who are usually well supplied with tea roses, were cleaned out before noon. The supply of carnations is not only light, but much of the stock is short and otherwise inferior, but it sells well, in fact, everything that has a passable blossom is selling. One hardened old buyer says, "they are selling lots of weeds." Granted that the public is not buying heavily, it must be remembered that every retail store must keep a stock, and in addition to the stores of this city, many buyers from neighboring cities and towns must be supplied.

October 11.—The market is active. Though there was an increase in the supply of chrysanthemums, they sold out well. The shortest tea roses are bringing \$2 and \$3 per 100 and special stock, in some varieties, is going as high as \$12 per 100. Some selected American Beauties have sold for \$30 per 100, but \$25 is the average. Cattleya orchids, select, run from \$35 to \$40 per 100; oncidiums from four to five cents per flower. Carnations of any passable quality range from \$1 to \$3 per 100. There are very few gardenias on the market, but the few that are sell for from \$2.50 to \$3 per dozen. The weather is clear and bracing and the outlook is encouraging.

NOTES.

We are in receipt of the announcement that Riedel & Meyer, formerly of the firm of Badgley, Riedel & Meyer, severed their connection with that firm October 1, and are now located in their new establishment, 49 West 28th street, fully prepared to offer the same unflinching service that has marked their efforts in the past. In this connection and with reference to an article that appeared in these columns, issue of October 2, we have been requested by Meyer Othile to make the statement that he was a partner and not an employe of the firm of Badgley, Riedel & Meyer.

On October 9, Myer, the Madison avenue and 58th street retailer, had seven wedding decorations booked for the near future, one of which was the Johannason-Walmer wedding, which took place in the Plaza hotel October 11. For October 16 he has the Leland-Orvis wedding, which will be solemnized at Saratoga Springs and will be a notable affair.

The Macniff Horticultural Co. has been doing an active auction business in boxwoods, rhododendrons, palms and hardy perennials and their auctions will continue on Tuesday and Friday of each week. They recently received a heavy shipment of Holland stock.

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

John Donaldson, of Patchogue, was in this city October 6 calling on old friends. He was feeling quite cheerful on account of the gas company having just settled with him for former damage to his stock, the amount paid being \$2,750.

Charles H. Totty, of Madison, N. J., was in this city October 8, returning from Greenwich, Conn., where he addressed the ladies of the Greenwich Garden Club, his subject being, "Chrysanthemum Growing Outdoors."

At the main store of the Colonial Florist, Broadway and 157th street, we recently noted activity in business and a fine stock. Costos Sakelos, the proprietor, now has four stores in this city.

McHutchison & Co. report receiving six large shipments of raffia last week, some of which had been in transit from Madagascar for more than six months.

Miss Guider, cashier for J. H. Small & Sons, has been visiting friends in Washington, D. C. A. F. F.

New York Florists' Club.

The New York Florists' Club met in its hall in the Grand Opera house building on the evening of October 11, President Bunyard in the chair. There was a good attendance and the meeting was interesting. Appropriate resolutions on the deaths of Samuel Thorne, L. W. Kervan and Edwin Lonsdale were read and adopted.

F. R. Pierson spoke for the flower show committee for the show to be held in this city in the spring of 1916. He reported progress and urged that efforts be made to secure special premiums and was optimistic relating to the ultimate success of the show. Trade space to the amount of nearly \$10,000 has already been sold. A. L. Miller moved that a special committee be appointed to solicit special premiums.

A. M. Henshaw reported for the committee recently appointed by President Bunyard on transportation to the Cleveland flower show. The report was referred back to the committee with power to act. Advices were received from the Cleveland committee that there will be a bowling match at the time of the show. Cleveland extends a general invitation to everybody to attend the show.

Edward McCauley, of James Weirs, Inc., Brooklyn, was proposed for membership and Peter Gerlaid, New York, and A. S. Baldwin, Madison, N. J., were received as members of the club.

There was a fine display of cut flowers. A. N. Pierson, Inc., Crom-



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

well, Conn., represented by H. C. Neubrand, exhibited Chrysanthemums Golden Queen, yellow; Marigold, yellow and Early Frost, white. W. A. Manda, South Orange, N. J., made a fine exhibit of his mammoth dahlias. A similar collection were prize winners at the recent dahlia show in this city. P. W. Popp, Mamaroneck, N. Y., exhibited a collection of dahlias, including all types. His dahlias were also prize winners at the dahlia show. Chas. H. Totty, Madison, N. J., exhibited a collection of chrysanthemums and dahlias. Noteworthy in his exhibit was a new chrysanthemum sport. Chas. Weber, Lyndbrook, N. Y., exhibited the carnation, Laura Weber. Rowehl & Granz, Hicksville, N. Y., exhibited Carnation Victory; also a white sport of Prosperity. Frank Dinda, Farmingdale, N. Y., exhibited his orchid shaded chrysanthemum, a sport. The exhibits of Frank Dinda, Rowehl & Granz and Chas. Weber were staged by Guttman & Raynor, Inc. Mrs. Stout, Short Hills, N. J., exhibited her single dahlia Sunshine

Kansas City.

SUPPLY FALLS SHORT OF REQUIREMENTS.

Demand for stock was exceedingly heavy the last week, and the market was unable to meet the call. All stock was of exceptionally fine quality and brought good prices, roses selling from \$1.50 per dozen up, chrysanthemums at \$4 to \$7 per dozen and carnations quoted from 75 cents to \$1.50. The Royal stock show failed to benefit the trade to any appreciable extent, but funeral orders and decorative work was plentiful, and with cut flower orders for social events, everybody was kept busy. The first frost arrived last week, and as it was heavy, everything in the way of outdoor stock that was not covered was cut down. The flower beds at Swope park were emptied before the frost came and the plants given to the public.

NOTES.

Geo. M. Kellogg Flower and Plant Co. report stock as being very scarce, not enough to meet the demand. They are cutting some very good chrysanthemums. Pot plant sales were quite heavy last week. Among the leaders in popularity were some very good cyclamens with quite a few flowers, and they sold fast. Hayes Riker, foreman at the Kellogg greenhouses, has been visiting a number of florists, including Tom Martin, the fern grower.

The Alpha Floral Co. has started a new plan for the benefit of its employees in the store, whereby 20 per cent of the gross increase in sales over the corresponding month last year is divided among the clerks. The interior of the store has been remodeled and presents a very attractive appearance, and the automobile has just come back from the shop repainted and looking bright as new.

H. Kusik & Co. report the demand for flowers in excess of the supply. They are receiving some extra good long-stemmed roses, American Beauties being especially fine in quality. Carnations are scarce, while chrysanthemums are becoming more plentiful. Henry Kusik has returned from a three weeks' trip, during which he visited points in Montana, Nebraska and Iowa.

T. J. Noll & Co. report supply of stock far short of the demand, but the local grown chrysanthemums are coming in better and are quickly picked up. Roses are improving in quality and have advanced in price, and enough carnations cannot be secured to fill orders in full. Shipping trade has been exceptionally good, several large orders having been filled recently.

Wm. L. Rock Flower Co. are cutting good yellow and white chrysanthemums, and are also sending in a limited number of pink. Carnations are coming good with long stems and some good roses are also seen. Funeral work is reported as being heavy here.

Adolph D. Mohr has some nice looking poinsettias in 4-inch pots, and he says his stock of Begonia Lorraine is the best he has ever had. They are full of buds and look like winners for the Christmas trade.

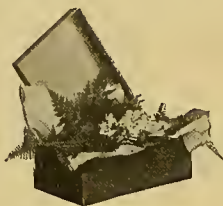
Miss J. E. Murray reports business at her shop very good, especially in funeral work. Among her recent orders was one for a casket cover, in which 750 Ophelia roses were used.

W. J. Barnes has been having quite a run on house plants, a strong increase being noted in the demand for ferns, while blooming plants have also moved out well.

Arthur Newell has received a shipment of novelties in Chinese and Japanese ware, which are proving popular with the trade and meet with a good demand.

R. S. Brown & Son are cutting good white and yellow chrysanthemums,

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Perpetuated Moss.....per bag, \$3.50
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E. A. BEAVEN, Evergreen, Ala.

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carnations with long stems and roses of good quality. Out of town trade is reported very good with them.

Frank Stuppy, of the Stuppy Floral Co., St. Joseph, Mo., is in town visiting his friends in the trade.

Miss Lou E. Boggess reports business very good, especially in funeral work and decorations.

E. J. B.

Westchester and Fairfield Hort. Society.

An interesting and well attended meeting of this society was held Friday evening, October 8, in Doran's hall, Greenwich, Conn., President W. J. Seely in the chair. Several new members were enrolled on the books and four new names were offered for consideration at the next meeting. The fall show committee reported progress and an attractive schedule is being arranged and valuable prizes of cash, cut glass, silverware articles, cups, etc., are offered as premiums. The exhibition will be held in the armory at Stamford, Conn., November 5-6. The competition for the J. H. Troy prizes for the best list of 25 garden roses, submitted in writing, was not concluded at this meeting. The winner will be announced at the next meeting. A meritorious and interesting display was on the exhibition tables. Robt. Grunnert was highly commended for a display of cosmos, roses, carnations and a specimen plant of Begonia Golden Shower. Thos. Ryan received honorable mention for a dish of Strawberries Superb. Carl Hankenson was highly commended for a fine vase of Chrysanthemum Glory of the Pacific. P. W. Popp was awarded a cer-

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tificate of merit for a display of dahlias shown on long stems. For the next meeting, which will be held November 12, Andrew Kennedy, seedsman, of New York, offers prizes for the best 25 carnations, assorted colors. P. W. POPP, Cor. Sec.

BARRINGTON, ILL.—W. G. Mersch has leased the Frank Scott greenhouses.

BURLINGTON, IA.—Mrs. Joseph Beck has completely overhauled her greenhouse range this season and added one new house.

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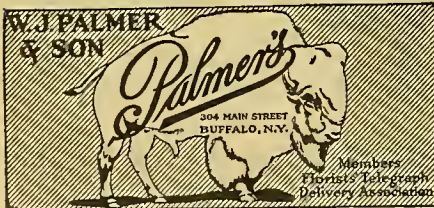
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- Archlaa Floral Co., Sedalla, Mo.
- Baumer, August E., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florista, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Gen. H., Conn. Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, J. N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boaton, Mass.
- Galvin, Thos. F., Inc., New York.
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- Graham, A., & Son, Cleveland, O.
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- Hardesty & Co., Cincinnati, O.
- Heil & Son, J. G., Terre Haute, Ind.
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- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
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- La Crosse Floral Co., La Crosse, Wis.
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- Lehorlus, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
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- Murray, Samuel, Kansas City, Mo.
- Myer, Florist, New York.
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- Palmer, W. J., & Son, Buffalo.
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- Randolph & McClements, Pittsburg, Pa.
- Rueter's New London, Conn.
- Rueter's, Norwich, Conn.
- Rueter's Westerly, R. I.
- Rock, Wm. L., Flower Co., Kansas City.
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- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
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- Cleveland, O.—Bramley & Son.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—The J. M. Gasser Co.
- Cleveland, O.—Smith & Fetters.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
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- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Dea Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Roht. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
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- Oklahoma City, Okla.—Furrow & Co.
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- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
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- Rochester, N. Y.—J. B. Keller's Sons.
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FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention.

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade distct
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing



LILIAM FORMOSUM.

LILIAM FORMOSUM

Best Selection Ever Brought In.

	Per 1000
7-9 inch (250 bulbs to case).....	\$60.00
8-9 inch (225 bulbs to case).....	70.00
9-10 inch (180 bulbs to case).....	80.00

COLD STORAGE LILIES

Plant now for your January supply of cut blooms.

	Per case
Giganteum, 7-9 inch (300 bulbs to case).....	\$15.00
Giganteum, 9-10 inch (200 bulbs to case).....	16.50

NARCISSUS (Dutch)

	Per 1000
Emperor, Mother Bulbs.....	17.50
Victoria, Fancy.....	12.00
Poeticus Ornatus.....	5.50
Princeps.....	7.00
Sulphur Phoenix.....	12.00

TULIPS

	Per 1000
Artus.....	\$ 6.50
Belle Alliance.....	10.00
La Reine.....	6.00
Cottage Maid.....	7.00
Proserpine.....	20.00
Rose Gris de Lln.....	6.50
Chrysolora.....	9.00
Yellow Prince.....	8.50
Keizerskroon.....	14.00

WHITE ROMAN HYACINTHS

	Per 1000
11-12 ctms. (2400 to case).....	\$21.00
13-15 ctms. (1500 to case).....	33.00

SEED DEALERS: Send Us Your "Shortages."

FLORISTS: Try Us on Those "Fall Downs."

LILIAM GIGANTEUM (New Crop) Just Arrived.

7-9-inch, 300 to case.....\$48.00 per 1000

FALL "BOOK FOR FLORISTS." ASK FOR IT

VAUGHAN'S SEED STORE CHICAGO NEW YORK

SMITH'S REVISED Chrysanthemum Manual

50c postpaid.

Elmer D. Smith & Co., Adrian, Mich.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for-fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing

FALL PRICE LIST

ROSES

"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention the American Florist when writing

"MISS THEO"

propagates easily, grows rapidly, developing into a large and well balanced plant, which comes into flower early, producing persistently and enormously throughout the whole season.

The color is a true rose pink, of good form, with a strong, well-formed calyx, which very seldom splits. The flowers are on wiry, graceful stems of good length, held erect at all times.

To the Trade, \$12.00 per 100; \$100.00 per 1000

LITTLEFIELD & WYMAN, NORTH ABINGTON MASSACHUSETTS

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt. Buchner, Ricard, Perkins.
Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2 1/4-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.
Cash with order.

GEO. M. EMMANS, Newton, N. J.

GERANIUMS

Our Guarantee holds good all the year; they must reach any point in the United States east of the Mississippi River in good growing condition.

Winter prices. S. A. Nutt..\$12.50 per 1000
Ricard and Poitevine..... 15.00
A New Money Maker—The Two Buddleias.
Buddleia Variabilis, the butterfly plant, one of the best selling hardy shrubs.

Buddleia Asiatica, one of the finest winter pot plants you can grow. Every florist in the United States should have from fifty to a thousand of these according to the size of his place.

Rooted cuttings of either by parcel post, at \$2.50 per 100.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

SAN FRANCISCO, CALIF.—Lester L. Morse and O. L. Coulter are preparing to make an eastern trip soon.

SOME onion set jobbers at Chicago are quoting 50-bushel lot prices for March 1. Yellows at \$2, Whites, \$3.

CHICAGO.—Prices for grass seed on the Board of Trade, October 13, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

BURPEE'S sweet pea list is out, the novelties offered including Fiery Cross and two new Irish Spencers, the President and Hilary Christie.

ONION SET growers in the Chicago district are not so much alarmed about the keeping quality of the yellows and reds as they are about that of the whites.

EUGENE SCHAETTEL, representing Vil-morin-Andrieux & Co., Paris, France, is making a tour of the United States, calling on his firm's American customers.

ONIONS are now up to \$1.50 per 100 pounds at leading growing points in the west. This price if maintained should stimulate the demand for onion sets the coming season.

CIRCULAR No. 29, issued by the Alabama State College experiment station, describes a successful method of hastening germination of burr clover by soaking and scalding.

LOS ANGELES, CALIF.—Fire in the warehouse of the Germain Seed & Plant Co., recently, caused a loss of between \$40,000 and \$50,000. The damage was fully covered by insurance.

WE have received from Secretary Kendel a copy of the proceedings of the American Seed Trade Association at the Thirty-third annual convention, held at San Francisco, Calif., June 22-24.

VISITED CHICAGO: A. E. McKenzie, of the A. E. McKenzie Co., Brandon, Man.; Max Wilhelm, of the Barteldes Seed Co., Lawrence, Kans.; Robert A. Shepherd, of the Bateman Manufacturing Co., Grenloch, N. J.; N. J. Burt, of N. J. Burt & Co., Burlington, Ia.

FIRST liftings of gladiolus bulbs in the west indicate, on all moist soils, a shrinkage in the large sizes of probably 40 per cent below a normal season's yield. Continued moist condition of the ground has been further aggravated by a heavy growth of weeds shading the surface.

SIoux CITY, IA.—State Representative J. S. Michael has purchased the M. H. Hayden farm, a tract of 160 acres north of Leeds, for \$24,000. Colonization of the land by granting free rent to persons who will erect permanent cottages on the outskirts of the tract will be one method by which Mr. Michael expects to improve the property.

Dickinson Leases Tract.

Record has just been made of a lease by the Albert Dickinson Company, from the sanitary district of Chicago of a tract of about eleven and one-half acres of ground on the main channel, west of Western avenue and south of Thirty-first street, for a term of 99 years from October 1 at an aggregate term rental of \$309,925.

The rental is provided for at the rate of \$2,300 a year for the first five years, \$2,875 per annum for the succeeding 45 years and \$3,450 annually for the remaining 49 years. On a five per cent basis of capitalization the property is given a ground leasing valuation of \$62,600. The terms of the lease provide for the erection within seven years of buildings to cost at least \$150,000, of which buildings costing not less than \$50,000 must be erected within five years. The property involved comprises part of the leasing company's large new plant, which covers more than 70 acres.

Iowa Seed Dealers.

At the annual convention of the Iowa Seed Dealers' Association, which was held at the Iowa hotel, Keokuk, October 6, the following officers were elected: Geo. Kurtzweil, of the Iowa Seed Co., Des Moines, president; Mr. Ouren, of the Ouren Seed Co., Council Bluffs, vice-president; A. M. Eldridge, of the Henry Field Seed Co., Shenandoah, secretary; Hon. John T. Hamilton, of the Hamilton Bros. Seed Co., Cedar Rapids, treasurer. The different seed houses of the state were well represented. Some new members were added and general good fellowship prevailed. The matter of a weekly letter to members of the association was presented by Henry Field of Shenandoah, and the measure was taken up and adopted, the secretary being authorized to issue this letter which will contain information of interest to the trade, the different members reporting to the secretary each week. The gist of these letters will be weather and crop reports, legislative news, long and short stocks, etc. The members were the guests of and were royally entertained by Tallbott Bros. Seed Co., of Keokuk. The secretary is now ready to hear from the members.

Russian Embargo Formally Lifted.

Washington, September 23.—The formal agreement lifting the Russian embargo against exports to the United States has been signed by Secretary Lansing and George Bakhmetoff, the Russian ambassador. Russian goods will be allowed to come to the United States consigned to the secretary of commerce, on condition that the Russian government is given satisfactory guarantees that the merchandise will not reach her enemies.

American firms must give bond covering the value of shipments. If any part of such goods is exported the

bond will be forfeited and the firm involved will be prevented from securing any further Russian merchandise.

The arrangement is expected to release millions of dollars' worth of goods to American importers held up since the beginning of the war. The agreement will cover practically all goods of Russian production or manufacture. Vetch and other seeds are imported from Russia.

American Seed Trade Association.

President Lupton has appointed the following special committees:

Legislative—Wm. G. Scarlett, chairman; Albert McCullough, M. H. Duryea, Kirby B. White, F. W. Bolgiano, Geo. S. Green.

Postal Laws—W. F. Therkildson, chairman; E. C. Dungan, Edgar Gregory, C. A. Burnham, F. C. Stokes.

Customs and Tariff—Burnet Landreth, Sr., chairman; W. S. Woodruff, J. C. Vaughan, Linnaeus Allen, A. C. Diggs.

Transportation—S. F. Leonard, chairman; E. M. Parmelee, Frank Leckenby, L. M. Kimberlin.

Experiment Stations—L. L. Olds, chairman; O. H. Will, E. J. Sheap.

Terms of Credit—F. C. Woodruff, chairman; Alex. Forbes, John L. Hunt, S. E. Briggs.

Government Charges—M. H. Duryea, chairman; Geo. B. Edgerton, S. F. Willard, J. J. Buffington, Albert McCullough.

Nomenclature—H. G. Hastings, chairman; L. H. Vaughan, C. N. Keeney, Arthur B. Clark.

Resolutions—E. L. Page, chairman; J. C. Robinson, W. C. Langbridge.

To Confer with Seed Analysts—Wm. G. Scarlett, chairman; Albert McCullough, M. H. Duryea, Kirby B. White, F. W. Bolgiano, Geo. S. Green.

Imports at New York.

The steamer Noordam from Rotterdam, Holland, October 6, brought large consignments of horticultural products, including bulbs, boxwoods, palms, arancarias, rhododendrons and some azaleas. What azaleas we had an opportunity to examine seemed to be in good condition. As much of this stock is handled by brokers and forwarding agents, its ultimate destination can not be here stated. Some local growers were disappointed in not receiving azaleas, but another shipment is expected before October 16. From the Long Island growers there comes serious complaint of recent shipments of bulbs arriving in a rotten condition. We learn that one grower called in the

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSHIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

Mammoth Auction Sales of Boxwoods, Rhododendrons, Rose Bushes, Bulbs, Etc., from Holland, also Local Consignments of Palms, Ferns, Rubbers, Evergreens, Perennials, etc.

Regular Salesdays Tuesdays and Fridays of each week at 11 o'clock, a. m.

Wanted--Beans

Car lots or less—any variety—old or new—must be sound and sweet. Mail us samples.

The J. Chas. McCullough Seed Co.
228-230-232 East 4th St., CINCINNATI, O.

insurance agent to view a large shipment and on the latter's advice the entire lot was thrown on the rubbish pile.

Vaughan's Seed Store, 3 bags seeds (Marseilles, France), 4 packages seed, 3 cases bulbs (Rotterdam, Holland).

Stumpp & Walter Co., 12 bags vegetable manure (Hull, Eng.); 18 cases bulbs (Rotterdam, Holland).

S. S. Pennock-Meehan Co., 30 cases immortelles (Marseilles, France).

McCallum Co., 40 cases immortelles (Marseilles, France).

Consignment of bulbs and plants were brought from Rotterdam, Holland, as follows:

Julius Roehrs Co., 144 cases trees, 43 cases shrubs.

Macniff Horticultural Co., 180 cases shrubs.

J. M. Thorburn & Co., 6 cases seeds.

Ralph M. Ward & Co., 7 cases bulbs.

H. H. Berger & Co., 5 cases bulbs.

McHutchison & Co., 3 cases bulbs.

Wm. Elliott & Sons, 4 cases bulbs.

T. A. Havemeyer, 6 cases bulbs.

Gray Bros., 16 cases bulbs.

To order, 672 cases bulbs, 613 cases shrubs, 100 barrels clover seed, 50 cases immortelles.

Corn Crop Damaged.

The corn crop of the country is perhaps damaged the worst of all. Much of the territory will turn out with an unsatisfactory crop, according to reports now coming in. Cool weather and rains during the summer caused slow progress in the growth and later frost came along with more cool weather and ended even a hope of more than a moderate yield of merchantable crop. The late heavy frost put an end to anticipation of a large crop of well matured corn. Some authorities are of the opinion that there may be marketed too much damp corn even during the winter to carry it safely in store, when the hot weather comes on next season.

Maine Potatoes Advance.

The price of potatoes in Aroostook county has advanced 100 per cent to \$1.50 a barrel in a comparatively short time.

Lilium Candidum

Extra fine Northern-grown Bulbs—Just Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

COLD STORAGE

VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$3.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

PAPER WHITE GRANDIFLORA

Per 1000
Mammoth—1000 to case, 14 c. m. \$11.00
First Size—1200 to case, 13 c. m. 9.50

COLD STORAGE VALLEY

The very highest quality obtainable. Packed in cases of 1000, at.....\$17.00 per case

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.
Write for our Fall Trade Catalogue.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
 English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
 Wholesale Seed Growers

Langport, Somerset, England.
 Special quotations on application.

We still have some

Winter Flowering Orchid Sweet Pea Seed

Pink and White Orchid; White Orchid; Orchid Beauty, dark rose; Mrs. A. A. Skaach, best shell, pink; Red Orchid; ¼ oz., 75c; ½ oz., \$1.00; 1 oz., \$1.75, and many others. We have all the best commercial Summer Spencers. Ask for List.

Anton C. Zvolanek,
 LOMPOC, CALIF.

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Water Melon and Okra Seed

Grown for Wholesale Trade.

W. E. HAILE, Seedsman,
 Monticello, Fla.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

Mention the American Florist when writing



Cyclamen Giganteum

**SOUTHERTON'S
 PRIZE STRAIN.**

4 inch Plants Ready for a Shift.
 Assorted Colors.

Only the Best Varieties.

At \$14.00 per 100.

R. J. Southerton,
 Cyclamen Specialist
 Highland Park, Illinois.

LILY OF THE VALLEY PIPS

Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

Loechner & Co., Inc., 11 Warren St., New York

FLORISTS appreciate the importance of seeds and bulbs which may be depended upon: most florists have experienced the disappointment and loss incident to poor quality.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
 53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
 Correspondence Solicited.

George R. Pedrick & Son,
 PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists
ROCHESTER, NEW YORK
 Let us supply your wants in Fall Bulbs

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

RAFFIA

Natural—Four standard grades.
 Colored—Twenty colors.

We are headquarters — always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
 Write for prices and terms.

McHutchison & Co.

The Import House
 17 Murray Street, NEW YORK

Mention the American Florist when writing

Petunias Petunias

Seeds of our celebrated strains will be ready in November.

Seedsman can safely recommend our Giants of California, Fluffy Ruffles, Giant White, Marvelous, double, and Peony-Flowered, double.

Prices and list on application.

T.B. SHEPHERD CO.
 Ventura, Calif.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDESBORO, N. J.**

Mention the American Florist when writing

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana			
	In. high	Each	Per doz.
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50	
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00	
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00	
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48.....	5.00	
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00	
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00	
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00	

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50 30.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00
9 in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Get Quotations From

LANDRETH SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

The Everett B. Clark Seed Co. GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

THE J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

THE G. HERBERT COY SEED CO. VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

Nephrolepis Verona

The new crested beauty. Now ready for delivery. Write for sample.

2-inch.....	\$ 8.00 per 100; \$ 72.00 per 1000
2½-inch.....	10.00 per 100; 90.00 per 1000
3-inch.....	12.00 per 100; 100.00 per 1000

Polypodium Maudianum

Good strong plants ready for a shift or to be divided.

6-inch, 75c each; 8-inch, \$1.25 each.

Asparagus Lutzii

Good strong plants

4-inch, 35c each; \$30.00 per 100.

French Hydrangeas

Well grown plants of best varieties

4-inch.....\$20.00; 5-inch.....\$25.00; 6-inch.....\$30.00 per 100

P. S. Randolph & Sons

Wholesale Plant Specialists

R. D. 1, VERONA, PA.

Buy J. & P. "Made in America" stock of the NEW FRENCH HYDRANGEAS



All from 6-inch pots.

Plants with 7-10 branches....	\$30.00 per 100
Plants with 5-6 branches....	25.00 per 100
Plants with 4 branches....	20.00 per 100

Bouquet Rose, rosy amber, turning to bright pink. Gen. De Vibraye, bright rose-color, large beads. La Lorraine, bright pink, large flowers. Mme. Maurice Hamar, flesh-rose color, large flowers and trusses. Mme. E. Moulliere, best white variety on the market. Radiant, a superb, rich, rose-carmine.

These are a magnificent lot of plants, with fat, lusty branches. All are grown in 6 inch pots, plunged out-of-doors during the summer.

Otaks, the old stand-by, plants with 4 branches, \$15.00 per 100. Order now for early shipment, while weather is still safe.

Jackson & Perkins Company, Newark, New York

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

DEUTZIA Crenata Fl. Pl.

Pot-grown stock, very bushy, ready now.

8 inch pots.....dozen,	\$3.00; per 100, \$25.00
6 inch pots.....dozen,	2.50; per 100, 18.00

Vaughan's Seed Store,

CHICAGO

NEW YORK

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

The third Tuesday in October is national apple day.

BALTIMORE, MD.—J. G. Harrison & Sons, nurserymen of Berlin, Md., have opened a sales department at 507 North Howard street.

OWN ROOT ROSES on the Pacific coast, according to E. G. Hill, have seen their best days, budded stock giving far more satisfactory results.

BURLINGTON, IA. — Clarence Bock, proprietor of the Sunnyside Nursery, will donate 10 prizes of \$2.50 each in the early spring planting campaign in this city.

HARTFORD, CONN.—W. W. Hunt & Co. were awarded first prize by the Connecticut Fair Association for their exhibit of evergreens and shrubs. Diplomas were also awarded them for display of boxwoods.

DALLAS, TEX.—The city park board has 60,000 shrubs growing now in the municipal nursery at White Rock and 40,000 of these are large enough for use in the parks of the city and along Turtle Creek parkway.

Nursery Cultivation in 1915.

The cultivation of nursery lands during the past season has been an extremely difficult problem, owing to the unusual weather conditions and there is considerable difference of opinion among nurserymen as to the cost of the work as compared with that of previous years. Some comments on the subject are presented herewith and we shall be pleased to have others from growers of nursery stock whose experiences during the growing season of 1915 have been out of the ordinary:

W. & T. Smith Co., Geneva, N. Y.—The wet season has not increased the cost of caring for stock this year, and while it has been impossible to keep the nursery as free from weeds as usual, it has not been necessary to cultivate as often, and it is estimated that the expense has been less than in previous years, even though it has been necessary to use more man labor and less horse.

Andorra Nurseries, Chestnut Hill, Pa.—This has been the most expensive season in the matter of cultivation for the excessive rain during the growing season allowed the weeds to get a heavy start and the ground was too wet to be harrowed. This necessitated an extra amount of hand labor and much slower team work with a consequently increased cost.

Littlefield & Wyman, North Abington, Mass.—Including both cultivating and hoeing, the cost of caring for the nursery this year has been one-third more than it was last season. Should the present wet and hot weather continue for some time longer, the increase in cost will exceed the above figure.

Baltimore, Md.—The Franklin Davis Nursery Co. finds the cost of cultiva-

tion about the same during a wet season as during a dry one. While it is harder to control the weeds during the wet periods, more cultivation is necessary during a drought. This year's cost has been about normal.

Morrisville, Pa.—The Wm. H. Moon Co. reports that cultivation goes on incessantly at its establishment, and by reason of an efficient force, cost of cultivation this year has been, it is believed, less than in seasons past.

Sarcoxie, Mo.—With 29 acres under cultivation in 1915 as compared with 25 acres a year ago, Gilbert H. Wild says, that due to the unfavorable weather conditions, his expense was double that of last year.

Lake City, Minn.—The Jewell Nursery Co.'s reports of cost of cultivation this year, show an increase of approximately 20 per cent over the average, due to excessive rainfall and necessity of fighting weeds.

St. Louis, Mo.—The H. J. Weber & Sons Nursery Co. says they had to buy sickles instead of hoes for their men this year.

J. T. Lovett, Little Silver, N. J.—Due to the wet season, cost of cultivation was one-third greater than in normal years.

Ellwanger & Barry, Rochester, N. Y.—This year's cost of cultivation was greater than in normal seasons.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

PEONIES

25 Acres—Best Varieties.

Write for Prices.

Gilbert H. Wild, Sarcoxie, Mo.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

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Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

NORWAY MAPLES, 1-5 inch cal.

ORIENTAL PINES, 1-4 inch cal.

PIN OAKS, 1¼-3 inch cal.

Write for attractive prices. Wholesale trade list mailed upon application.

FOR RESULTS, discriminating florists buy our

Western New York Field Grown Rose Bushes

We have this season particularly fine plants of

Magna Charta, Selected forcing grade.....\$12.00 per 100

Strong No. 1 grade..... 10.00 per 100

Also a good assortment of other leading florists' varieties. Send for list.

Jackson & Perkins Company,

Newark, New York

PEONIES and IRIS

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ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
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Baltimore Nurseries California Privet

Any quantity, size and age. No better grown
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

Franklin Davis Nursery Co.
BALTIMORE, MD.

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California Privet

In any quantity and any size desired.
My Privet has more branches than what
is usually set out, and I grade better.
Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
N. J.

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the American Florist Co.'s Trade Directory. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

The Shrewsbury Nurseries

Geo. A. Steele, Proprietor

EATONTOWN, N. J.



CANNA FIREBIRD

GET IT NOW

and Increase Your Stock Threefold by April.

25 or more, 20 cents each.

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NEW YORK CHICAGO

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100; \$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Farsley, double curled, \$2.50 per 1000.
Good packing—prompt shipment.

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CHAS. H. TOTTY

MADISON, NEW JERSEY.

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Chrysanthemum Novelties My Specialty

Ask for Price of
Rooted Cuttings of Geraniums,
Heliotropes, Petunias

and any other soft wooded stock you might want.
We have following plants that will be ready for Christmas: Cyclamen, Cincinatti, Lorraine and Luminosa, Begonias, Poinsettias, all kinds of Primroses. Write

Geo. A. Kuhl, Wholesale Grower, Pekin, Ill.

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

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POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

BOX WOODS—Most Beautiful Stock

- Pyramids, 2 ft. \$1.00 each
- Pyramids, 2½ ft. 1.50 each
- Pyramids, 3 ft. 2.00 each
- Pyramids, 3½ ft. 2.50 each
- Standard Shape, 14x14 in. 2.50 each
- Globes, 14x14 in. 3.00 each
- Heavy Bushes, 2-ft. 1.50 each
- Nice Bushes, 15-in.35c each

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English Budded Field-Grown Roses, c. i. f. New York, 10 cents each

Guaranteed low budded on briars, clean, vigorous stock, true to name "Amazingly fibrous rooted." Make your own selection from this list and send your order on C. O. D. terms less 5% Delivery to carriers in New York 14 days after receipt of order in Liverpool. Bees Ltd. can run orders right on to quayside in own motor vans.

Prices are quoted in dollars and cents per hundred t. o. b. Liverpool. Freight, Duty, Insurance, etc., costs about \$50.00 per 1000 trees.

Abel Carriere.....\$ 6.60	Fabvier.....\$ 7.20	La Tosca.....\$ 7.20	Mrs. F. W. Vanderblit.....\$ 9.60
Aennchen Muller... 6.60	Fairy Queen..... 7.20	Laurentie Carie... 7.20	Mrs. Harold Brocklebank... 8.40
Alex. Hill Gray... 8.40	Fellenberg..... 6.60	Leonie Lamesch... 6.60	Mrs. John Laing... 6.60
Alfred Colomb... 6.60	Fisher Holmes... 6.00	Le Progres..... 7.20	Mrs. J. H. Welch... 8.40
A. K. Williams... 6.60	Florence Pemberton... 8.40	Leslie Holland... 8.40	Mrs. M. Mackean... 8.40
Anna Olivier... 8.40	George H. Veitch... 8.40	Liberty..... 7.20	Mrs. M. Kennedy... 8.40
Anne de Clerstein... 8.40	Franz Deegen... 7.20	Lieut. Chauré... 8.40	Mrs. Peter Blair... 7.20
Antoine Rivoire... 8.40	Frau K. Druschki... 6.60	Louis C. Breclau... 7.20	Mrs. R. D. McClure... 9.60
Arthur R. Goodwin... 7.20	Gen. Jacqueminot... 6.60	Lyon Rose..... 7.20	Mrs. B. G. Sharman Crawford... 6.60
Anstran Copper... 7.20	Gen. MacArthur... 7.20	Mabel Drew..... 9.60	Mrs. Sam Ross... 8.40
Avoca..... 6.60	Gen. Schablikine... 7.20	Mme. A. Chatenay... 7.20	Mrs. Taft..... 6.60
Beaute de Lyon... 7.20	G. C. Waud..... 7.20	Mme. C. Souper... 8.40	Mrs. T. Roosevelt... 8.40
Ben Cant..... 6.60	George Dickson... 8.40	Mme. G. Lutaud... 9.60	Mrs. W. C. Miller... 8.40
Bessie Brown... 6.60	George Elger... 8.40	Mme. H. Herriot... 9.60	Mrs. W. H. Rowe... 8.40
Betty..... 7.20	Gloire de Checlanc... 7.20	Mme. Falcot... 7.20	Mrs. W. H. Cutbush... 6.60
Brilliant..... 24.00	Guinoisseau... 6.60	Mme. G. Luzet... 8.40	Mrs. W. J. Grant... 7.20
British Queen... 8.40	Gottfried Keller... 7.20	Mme. Hoste..... 8.40	Nita Weldon... 8.40
Captain Hayward... 6.60	G. Nabonnand... 7.20	Mme. I. Perriere... 7.20	Old Gold..... 10.80
Caroline Testout... 6.60	Grace Darling... 7.20	Mme. Jean Dupuy... 8.40	Old Moss..... 6.00
Charles Lefebvre... 6.60	Gruss an Aachen... 6.60	Mme. Jules Grolez... 7.20	Opheleia..... 10.80
Charlotte Klemm... 7.20	Gust. Grunerwald... 7.20	Mme. L. Messing... 6.60	Orleans Rose... 6.60
China Rose or Old Bush... 6.00	Gustave Regis... 8.40	Mme. M. Souper... 8.40	Persian Yellow... 7.20
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Dorothy Ratcliffe... 8.40	Jos. Hill... 8.40	Mrs. A. Hammond... 8.40	S. M. Rodocanachi... 8.40
D. of Wellington... 8.40	Kaiserin Aug. Vic... 6.60	Mrs. A. Carnegie... 10.80	The Dandy..... 7.20
Duke of Edinburgh... 6.60	Katherine Zeimet... 6.60	Mrs. A. R. Waddell... 8.40	Theresa..... 3.40
Dupuy Jaman... 6.60	Killarney... 6.60	Mrs. C. E. Allen... 7.20	Ulrich Brunner... 6.60
Earl of Gosford... 7.20	King Edward VII... 7.20	Mrs. C. C. Harrison... 9.60	Victor Hugo... 6.60
Earl of Warwick... 7.20	King George V... 8.40	Mrs. G. E. Pearson... 7.20	Vicomte Carlow... 8.40
Ecarlate..... 7.20	Lady Alice Stanley... 7.20	Mrs. Corn West... 8.40	White Kilkstone... 7.20
Edith Bellenden... 8.40	Lady Ashtown... 7.20	Mrs. David Bailie... 8.40	White Killarney... 8.40
Edu Meyer... 7.20	Lady Dunleath... 9.60	Mrs. David McKee... 7.20	W. E. Lippitt... 7.20
Edward Mawley... 8.40	Lady Hillingdon... 8.40	Mrs. E. Mawley... 8.40	William Shean... 7.20
Elizabeth Barnes... 8.40	Lady Mary Ward... 9.60	Mrs. E. G. Hill... 7.20	Willowmere... 9.60
Ellen Poulson... 7.20	Lady Polzeance... 8.40	Mrs. Foley-Hobbs... 8.40	W. R. Smith... 8.40
Erna Teschedorf... 7.20	Lady Pier... 8.40	Mrs. Forde... 10.80	Yvonne Rabier... 7.20
Ethel Malcolm... 7.20	Lady Roberts... 8.40	Mrs. Fred Straker... 8.40	
Eugenie Lamesch... 8.40	Lady Ursula... 7.20	Mrs. G. Sawyer... 8.40	
	La France..... 7.20	Mrs. H. Stevens... 8.40	

Climbing Roses

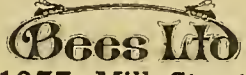
Aimee Vibert.....\$ 7.20	Dorothy Perkins...\$ 7.20	La France, climb...\$ 7.20	Queen Alexandra...\$ 7.20
Alberic Barbier... 7.20	Excelsa..... 7.20	Leontine Gervais... 7.20	Reine M. Henriette... 7.20
Alister Stella Grey... 7.20	Felicite Perpetue... 6.60	Liberty Climbing... 7.20	Reine Olga de Wurtemberg... 7.20
American Pillar... 7.20	Flame..... 6.60	Mme. A. Carriere... 7.20	Rene Andre... 7.20
Ards Rover... 7.20	Gardenia..... 7.20	Mme. J. Graveraux... 7.20	Richmond climing... 8.40
Aviateur Berliot... 7.20	Gerbe Rose... 7.20	Mme. P. Cochet... 7.20	Shower of Gold... 7.20
Billard et Barre... 7.20	Gloire de Dijon... 7.20	Marechal Niel... 8.40	Source d'Or... 7.20
Blush Rambler... 7.20	Hawatha..... 7.20	Mionehaha... 7.20	Tausendschon... 7.20
Bouquet d'Or... 7.20	Jersey Beauty... 7.20	Mrs. W. J. Grant... 7.20	Tea Rambler... 7.20
Car. Testout climb... 7.20	Johanna Sebus... 7.20	Nipho climbing... 7.20	Tria... 7.20
Coronation Rambler... 7.20	Kaiserin Augusta... 7.20	Paul Lede climing... 8.40	Valtham Clim. I... 7.20
Crimson Rambler... 6.00	Victoria Climbing... 7.20	Paul Transon... 7.20	White Dor. Perkins... 7.20
Delight..... 7.20	Lady Gay... 7.20	Prince C. deRohan... 6.60	Zephrine Drouhin... 7.20
Diabolo..... 7.20	Lady Waterlow... 7.20		
Dorothy Dennison... 7.20			

Tree or Standard Roses

Standards have 3-4 ft. stems, ½ Standards 2-2½ ft. Prices are per dozen trees; 6 same rate

Std.	½-Std.	Std.	½-Std.
Abel Carriere.....\$2.88	\$2.52	Harry Kirk.....\$3.60	\$2.88
Bethy..... 3.60	2.88	Hugh Dickson..... 2.88	2.52
British Queen..... 4.32	3.60	J. E. Clark..... 2.88	2.52
Capt. Hayward..... 2.88	2.52	Juliet..... 3.60	2.88
Caroline Testout... 2.88	2.52	Lady Ashtown... 3.60	2.88
Dr. O'Donal Brown... 2.88	2.52	Lady Hillingdon... 4.32	3.60
Ethel Malcolm..... 3.60	2.88	La France..... 2.88	2.52
Fisher Holmes..... 2.88	2.52	Lieut. Chauré..... 3.60	2.88
P. K. Druschki..... 2.88	2.52	Lyon Rose..... 3.60	2.88
Gen. MacArthur..... 3.60	2.88	Mme. A. Chatenay... 3.60	2.88
George Dickson..... 4.80	4.32	Mme. P. Herriot... 8.00	4.80
Gloire de Dijon... 2.88	2.52	Mme. Jean Dupuy... 3.60	2.88
Gruss an Teplitz... 2.88	2.52	Mme. J. Graveraux... 3.60	2.88
		Mme. Mel. Souper... \$3.60	\$2.88
		Mme. Ravary..... 3.60	2.88
		Molly S. Crawford... 3.60	2.88
		Mrs. A. Carnegie... 4.80	4.32
		Mrs. Foley Hobbs... 4.32	3.60
		Mrs. H. Stevens... 4.32	3.60
		Mrs. John Laing... 2.88	2.52
		Prince C. de Rohan... 2.88	2.52
		Rayon D'Or..... 4.32	3.60
		Richmond..... 3.60	2.88
		Ulrich Brunner... 2.88	2.52
		W. A. Richardson... 3.60	2.88

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

STRAWBERRIES, fine field stock from Northern Michigan, were sold on the Chicago market, October 9, at \$4 per case.

UNIONTOWN, PA.—A greenhouse with a capacity of 60,000 lettuce plants is being built by A. M. Frederick at a cost of \$2,000.

Prices of Indoor Fruits and Vegetables.

Chicago, October 12.—Mushrooms, home grown, No. 1, 40 cents per pound; lettuce, cases, 8 to 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 75 to \$1.25; tomatoes, baskets, 25 to 50 cents.

New York, October 12.—Celery, per bunch of 12 stalks, 12 to 40 cents; cucumbers, 50 cents to \$1.25 per basket; mushrooms, \$1.00 to \$1.75 per 4-pound basket; tomatoes, \$1.00 to \$2.00 per package; radishes, per basket, 30 cents to 60 cents; lettuce, per 2 dozen strap, 50 cents to 75 cents.

War Food Exhibition In London.

Ever since the great European war started, there has been a number of people who have been afraid that there might be a scarcity of food in the British Isles, owing to the sinking of ships carrying food stuffs from neutral countries. So far, however, one would scarcely think there was a war at all, so abundant seems to be the amount of food that finds its way into every market in the kingdom, and generally at very reasonable prices under the circumstances. Notwithstanding these facts, the proprietors of the Daily Mail newspaper conceived the idea that it would be wise to encourage the cultivation of home-grown food on an extensive scale, and for this purpose inaugurated a great exhibition of vegetable produce. This took place September 22-24 at Royal Horticultural hall, Westminster, London, and attracted a fair amount of interest. Something like 20,000 entries were received altogether, but it was quite impossible to stage anything like that number in the space available. A vast amount of produce was sent direct to various hospitals, the most noteworthy being retained for exhibition. Six classes were reserved for collections of vegetables, and a special one for potatoes, while others were allotted to such agricultural products as butter, eggs, cheese, jams, honey and wheat. Something like £1,750 were awarded in prizes, but it must be honestly said that far finer exhibitions of vegetable produce have been seen in London and the provinces for one-twentieth part of the money. With the exception of the classes for private growers and market gardeners, the standard of the exhibits in the vegetable collections was decidedly

inferior. Very few of the exhibitors outside the professional ranks had any idea as to what constituted a really good potato, carrot, parsnip, beet root or turnip, and in each of these groups were to be seen the coarsest and worst types of their kind. Great, ugly, monstrous potatoes as big as a child's head, and turnips and beet roots larger than a football were evidently the acme of perfection to many, while miserable, stunted and shriveled parsnips and carrots were in evidence in many cases. Of course, none of these had the faintest chance of winning any of the generous prizes, and the only educational value they possessed was as an example of how "not to do" things. A vast amount of public money has been spent all over the British Isles for many years past in horticultural education, but, judging from the Daily Mail exhibition, most of it has been wasted so far as allotment holders and cottagers are concerned. These are a most difficult class of the community to teach even the rudiments of good gardening, and the exhibition in question shows how much education is still needed.

There was, however, one bright spot that stood out like a beacon amidst this vegetable squalor, and that was the onions. It was simply astonishing to see what magnificent specimens of this lachrimatory esculent came from all parts of Great Britain. Ireland, curiously enough, seemed to be conspicuous by its absence, except for the presence of Sir Horace Plunket, the chief of the technical instruction department in Dublin. The onions were simply superb, and if those who staged them could only have attained half or a quarter as good results with their other produce, the exhibition as a whole would have been one of the most marvelous vegetable displays ever placed before a critical public.

The potatoes, too, in the farmers' class were a wonderful and beautiful sight, and I have never before seen such a fine clean, healthy lot of tubers on the exhibition table. The British farmer evidently knows what a really good potato is, and he does not now make the mistake of displaying the huge unshapely masses that used to be looked upon years ago as evidence of great cultural skill. Many varieties were exhibited, and the judges must have been sorely puzzled in picking out the dish of 20 tubers that took the £20 prize. This went to Richard Allen, Knolton Farm, Ellesmere, Shropshire.

As to the classes in which the real professional gardeners entered the lists against each other, there was the keenest competition, and that between recognized champions. Nine distinct kinds of vegetables had to be staged, and the judges probably never had

such a stiff job before in their lives to decide the winner of the first prize. Indeed, after the most patient pointing and scrutiny they at first came to the conclusion that the collection put up by the gardeners of the Duke of Portland (Jas. Gibson, Gr.) and Lord North (Mr. Janes, Gr.) were equally excellent; but as no "dead heats" were allowed, it was ultimately decided that Mr. Janes was the lucky first prize winner of £100, and Mr. Gibson (his former teacher) second, by half a point less, for £25—rather a formidable drop between the first and second prizes. Each exhibitor put up a splendid lot of cauliflowers, potatoes, onions, leeks, beetroot, celery, peas, beans and tomatoes, which must have come as a revelation of the gardener's skill to the amateur section of exhibitors.

Generally speaking, the exhibition was well worth holding, and the promoters are to be congratulated on their praiseworthy attempt to show that there are at least thousands interested in the production of vegetables, even if they cannot all hope to attain the perfection so ably and conspicuously demonstrated by gardeners who have made a life study of the art of cultivation. J. W.

Vegetable Plants

Lettuce and Cabbage Plants,
\$1.00 per 1000; 10,000 and over 85c per 1000
Parsley Plants, extra strong, for forcing
50c per 100; \$3.50 per 1000

R. Vincent Jr & Sons Co., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.



Watch for our Trade Mark stamped
on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is
thus easily exposed. Fresh sample
brick, with illustrated book, mailed
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ceipt of 40 cents in postage. Address

Trade Mark American Spawn Co. St., Paul, Minn

CARNATIONS

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LaFayette, - - Indiana

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas
Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations
Cinerarias, Gloxinias, Larkspur, Nasturtiums, Fancies, Petunias, Phloxes, Scabious
Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and
most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid
Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and
are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

A Few Seasonable Dreer Specialties



Adiantum Farleyense Gloriosa.

The Glory Fern Adiantum Farleyense Gloriosa

Similar to Farleyense, easier to grow, and much hardier.
 3-inch pots \$1.50 per doz.; \$10.00 per 100
 4-inch pots 2.50 per doz.; 20.00 per 100
 6-inch pots 1.00 each

Ficus Elastica

A splendid lot of 4-inch pots, \$3.50 per doz.; \$25.00 per 100

Ananas Sativa Variegata The Variegated Pineapple

Splendid Plants in 4-inch pots.....	Each	\$0 60
“ “ “ 5-inch “	1 00	
“ “ “ 6-inch “	1 50	

Araucaria Excelsa

As there are no prospects of imports of these arriving from Belgium this fall, we recommend early orders, small sizes have already been sold out, the sizes noted below are very fine and the best values we have ever offered.

5-inch pots, 10 to 12 inches high, 3 tiers	Each	\$0 60
6-inch “ 12 to 15 “ “ 3 to 4 “	75	
6-inch “ 16 to 18 “ “ 4 “	1 00	
7-inch “ 18 to 20 “ “ 4 to 5 “	1 25	

Araucaria Excelsa Glauca

6-inch pots, 8 inches high, 2 tiers.....	Each	\$0 75
7-inch “ 12 to 14 “ “ 3 to 4 “	1 25	

Araucaria Robusta Compacta

6-inch pots, 10 to 12 inches high, 2 tiers.....	Each	\$1 00
6-inch “ 12 to 14 “ “ 3 “	1 25	
7-inch “ 14 to 16 “ “ 3 “	1 50	

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A splendid collection of the most attractive varieties for florists' work, well colored plants of good value.

4-inch pots.....	\$4.00 per doz.; \$30.00 per 100
5-inch “	\$6.00 to \$9.00 per doz.
Large plants.....	\$1.00 and \$1.50 each

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It is almost impossible to put up a first-class decoration without including some of this beautiful variety.

Fine 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5.00 each

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The above prices are intended for the trade only.

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At greatly reduced prices to make room for Christmas Stock.

4-in. pans.....	\$ 4.00 per doz.
5-in. pans.....	6.00 per doz.
6-in. pans.....	12.00 per doz.
7-in. pans.....	15.00 per doz.
8-in. pans.....	24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2 3/4-inch pots a Specialty.

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

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Adiantum Croweanum, grand 4 in. pot stock, \$15.00 per 100.
 Asparagus Plumosus, bushy, 2 1/4 in., \$3.00 per 100; \$25.00 per 1000.
 Asparagus Sprengeri, strong 3 in. stock, \$5.00 per 100.
 Bougainvillea, bushy, well trimmed, 4 in. pot plants, \$15.00 per 100; 5 in., \$25.00 per 100.
 Begonia, Glory of Cincinnati and Davenport, good 5 in., \$40.00 per 100.
 Draena Terminalis, well colored 5 in. pot plants, \$50.00 per 100.
 Fern Dish Ferns, strong, out door grown 2 1/2 in. pot plants, all varieties, \$3.00 per 100; \$25.00 per 1000.
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Liberal extras for early orders. Special prices.

Size of pots.	100	1000
2 1/4-in. Asparagus Plumosus.....	\$2.50	\$22.50
4-in. Asparagus Plumosus.....	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4-in. Asparagus Sprengeri.....	6.50	60.00
2 1/4-in. Begonia, Flowering, 12 kinds..	5.50	50.00
2 1/4-in. Begonia Chatelaine.....	5.00	45.00
4-in. Begonia Chatelaine.....	8.00	75.00
2 1/4-in. Chinese Primroses, 30 kinds..	3.00	25.00
4-in. Chinese Primroses.....	7.50	70.00
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2 1/4-in. Coleus, 15 varieties.....	2.50	22.50
2 1/4-in. Cyclamen, Eight varieties....	4.50	40.00
3-in. Cyclamen, Five plants.....	7.50	70.00
2 1/4-in. Double Petunias.....	2.75	25.00
2 1/4-in. Primula Obconicas, Choice mixed.....	2.50	22.50
3 1/2-in. Primula Obconicas.....	6.00	55.00
2 1/4-in. Geraniums, 15 varieties.....	2.25	20.00
3 1/2-in. Stevia, Dwarf or tall.....	7.00	65.00
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Pansy Plants, \$4.00 per 1000.		
Violet Plants, Field grown, Princess of Wales, \$5.00 per 100, \$45.00 per 1000		

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1 Kentia Forsteriana, 16 feet high, 17 leaves, 32 inch tub.....	75.00
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Chinese and Malacoides, 2 1/4 in. pot.....	Per 100 \$2.00
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All the best varieties.

4-inch, \$3.75 per doz., \$30.00 per 100. 4-inch specials, well grown, large as ordinary 5-inch plants, 60c each; \$50.00 per 100. 5-inch special, 2 to 3 ft. high, at 75c each.

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5-in. pots, 2 ft. high with 5 whorls \$1.00 each. 6-inch pots, 2 ft. 6-in. high with 6 whorls, \$14.00 per doz.; \$1.50 each.

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4-inch, home-grown, well budded, exceptionally good for basket work, 20c each; \$15.00 per 100
Send for sample.

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Plants in 7-inch pots...\$2.00 each

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In fruit and bloom, 4-inch, strong, special price to make room, \$2.00 per doz., \$15.00 per 100; 5-inch, \$3.00 per doz.; \$25.00 per 100.

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2 1/2-inch pots, \$3.25 per 100.; \$30.00 per 1000.

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Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate delivery. Hurry!

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DOUBLE SWEET ALYSSUM.
Fine 3-inch stock—\$3.50 per 100.
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Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

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ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

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Strong 2 1/2-inch stock, \$2.00 per 100.
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CINCINNATI, 2 1/2-inch.....\$14.00 per 100
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FLORENCE DAVENPORT, 3-inch 15.00 per 100
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Best stock obtainable in following varieties:
Cincinnati, 2 1/2-inch\$15.00
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Per 100 Per 100
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18-24-in.,20c 1.25 8.00 70.00
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PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.
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Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

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Cash, please.

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1,000 White Wonder and 2,000 Light Pink and Dark Pink Plants at the rate of \$40.00 per 1,000.

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Chrysanthemums, pot-plants, 5½ and 6-inch pots, 40c, 50c and 60c each; 7-inch, 75c, \$1, \$1.25, \$1.50 and up. Poehlmann Bros. Co., Morton Grove, Ill.

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COLEUS, Brilliance or Xmas Red, fine all year plant; strong 3-inch stock, \$4 per 100. You can't have too many. Cash, please. HEINL & WEBER, Terre Haute, Ind.

COLEUS—Xmas Red, 3-inch, \$5.00 per 100. JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

COLEUS, Brilliance or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

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Crotons, 4-inch, \$4 per doz.; \$30 per 100; 5-inch, \$6 to \$9 per doz. Large plants, \$1 and \$1.50 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

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Crotons, 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch pots, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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CYCLAMEN GIGANTEUM.

WANDSBEK TYPE.

In excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and salmon colors of the Improved Wandsbek.

WE NEED THE SPACE.

2½-inch	\$ 4.00 per 100
3-inch	7.00 per 100
3-inch, extra selected	10.00 per 100
4-inch	12.50 per 100
4-inch, extra selected	18.00 per 100

SEEDS, 8 varieties, equally divided, \$5 per 1,000.

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Cyclamen, 3-inch, 5c; 4-inch, 15c; 5-inch, 40c. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, 8 vars., 2¼-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

CYCLAMEN, strong plants, best varieties, \$10 to \$35 per 100. HENRY SMITH, Grand Rapids, Mich.

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Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Mionie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAHLIAS, best varieties out; named and seedlings at living prices. Send for list. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, Ohio.

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50,000 extra healthy and large field-grown DRACENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracaena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

Dracaena terminalis, well colored, 5-inch, \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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EUONYMUS RADICANS VEGETUS — Three-year-old potted plants for immediate delivery; also three-year, field-grown plants, \$14 per 100; \$2 per doz. Illustrated booklet. THE GARDEN NURSERIES, Narberth, Pa.

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100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfieldii, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfieldii, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,

Exclusive Fern Growers,

SPRINGFIELD, OHIO

FERNS.

Boston, 4-inch	\$12.00 per 100
Boston, 5-inch	25.00 per 100
Boston, 7-inch	75c each
Scottii, 4-inch	\$12.00 per 100

162 North Wabash Avenue, CHICAGO, ILL.

Asplenium nidus avis (Birdsnest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Perish ferns in flats and 2¼-in. a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.80 per doz.; 2¼-in., \$6 per 100. Elegantiissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2¼-in., \$6 per 100. Elegantiissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2¼-in., \$6 per 100. Muscosa ad Smithii, 5-in., \$6 per doz.; 3½-in., \$3 per doz. Harrissii, 8-in., \$12 per doz. Superhissima, 8-in., \$12 per doz.; 6-in., \$8 per doz.; 3½-in., \$3 per doz. Cibotium Schiedei, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3½-in., \$15 per 100; 2¼-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

Cibotium Schiedei, 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5 each. The Glory fern. Adiantum Farleyense Gloriosa, 3-inch, \$1.50 per doz.; \$10 per 100; 4-inch, \$2.50 per doz.; \$20 per 100; 6-inch, \$1 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ASPLENIUM NIDUS AVIS (Bird's-nest Fern). Good, strong, healthy plants, 4-inch pots, \$40 per 100; 5-inch pots, \$75 per 100; 6-inch pots, \$100 per 100. WM. K. HARRIS, 55th and Springfield Ave., W. Philadelphia, Pa.

Adiantum Croweatum, 4-in. pot stock, \$15 per 100. Ferns for dishes, out-door grown, 2½-inch, all varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2½-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. F. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Ferns, Boston, Roosevelt and Whitmani, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitmani, 5-in., 20c; 6-in., 35c; The Geo. Wittbold Co., 737 Buckingham Place, Chicago, Ill.

BOSTON FERNS. Extra heavy 4-inch, \$13.50 per 100; 5-inch, \$20 per 100; 6-inch, \$30 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

BOSTON FERNS ready for 5-inch pots, \$16 per 100. R. O. LOMMATZSCH, R. No. 1, La Grange, Ill.

Ferns, Boston, Scottii, Whitmani, Roosevelt, Scholzeii, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Cibotium Schiedei, 7-inch, \$2 each. Vaughan's Seed Store, Chicago and New York.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Boston Ferns, 3-inch, \$7 per 100. Cash, please. Heinl & Weber, Terre Haute, Ind.

Ferns. Joseph Hancock Co., Wyncote, Pa.

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Geraniums, 2-inch stock: Nutt, Dagata, Ricard, Red Wing, Vian, La Favorite, Jaulin, Perkins and Oberle, \$2 per 100; \$18.50 per 1,000. Ruby, Gen. Wayne, Frenot, Hill, Dryden, Annie Vincent, Atlantis, Luigi Grandi, Poitevine, \$3 per 100; \$25 per 1,000. F. H. DeWitt & Co., Wooster, Ohio.

Geraniums, 15 vars., 2¼-in., \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3-inch pots, ready for shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ROSE GERANIUMS, \$8 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HELIOTROPE.

HELIOTROPE, 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

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Buy J. & P. "Made in America" stock of the new French Hydrangeas, plants with 7-10 branches, \$30 per 100; 5-6 branches, \$25 per 100; 4 branches, \$20 per 100. Bouquet Rose, Gen. De Vihraye, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere, Radiant. These are a magnificent lot of plants, with fat, lusty branches. All are grown in 6-inch pots, plunged out-of-doors during the summer. Otaksa, the old stand-by, plants with 4 branches, \$15 per 100. Order now for early shipment, while weather is still safe. JACKSON & PERKINS COMPANY, NEWARK, NEW YORK.

Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chautard, Senateur Henri David, Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$6 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

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Hydrangeas, Otaksa and all French sorts, 4-in. pot plants, \$15 per 100; 5-in., \$20 per 100. Field-grown specimens for 8 to 10-in. tubs, 8 to 12 shoots, \$25 per 100, both in Otaksa and French varieties. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5 and 6-inch pots, strong plants, \$20 and \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangea Otaksa, 4-inch, home-grown, well budded, 20c each; \$15 per 100. Vaughan's Seed Store, Chicago and New York.

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Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

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GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

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JERUSALEM CHERRIES, from frames, ready for 6-inch pots, full of fruit and flowers, \$10 per 100; big value. HENRY SMITH, Grand Rapids, Mich.

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From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Brun, 3032 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage. New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Leechner & Co., Inc., 11 Warren St., New York.

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Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 160. Pochlmann Bros. Co., Morton Grove, Ill.

Polypodium Maudianum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

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Norway maples, 1-5-inch Cal. Oriental pines, 1-4-inch Cal. Pin-Oaks, 1 1/4-3-inch Cal. Write for prices. The Shrewsbury Nurseries, Eatontown, N. J.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantville, N. J.

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Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogoto (Chapinero), Columbia.

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KENTIA BELMOREANA.

Single Plants.

Leaves.	Inches high.	Each.
4-inch pots, 5 to 6,	18\$ 0.40
6-inch pots, 6 to 7,	24	..... 1.00
6-inch pots, 6 to 7,	28 to 30	..... 1.50
6-inch pots, 6 to 7,	32 to 34	..... 2.00
7-inch pots, 6 to 7,	36	..... 3.00
8-inch tubs, 6 to 7,	38	..... 3.50
8-inch tubs, 6 to 7,	48	..... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins....\$ 1.50
7-inch pots, 3 plants in a pot, 38 ins.... 3.50
Specimens, very heavy\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

Leaves.	Inches high.	Each.
6-inch pots, 5 to 6,	28 to 30	.....\$ 1.00
6-inch pots, 6 to 7,	34 to 36	..... 1.50
6-inch pots, 6 to 7,	38 to 42	..... 2.00
6-inch pots, 6 to 7,	44 to 46	..... 2.25
6-inch pots, 6 to 7,	50 to 54	..... 5.00
8-inch tubs, 6 to 7,	5 ft. 6.00
10-inch tubs, 6 to 7,	5 to 5 1/2 ft. 8.00
10-inch tubs, 6 to 7,	6 to 6 1/2 ft. 10.00

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MORTON GROVE, ILL.

LATANIA PALMS and PANDANUS VEITCHII, in 15-inch tubs, suitable for hotel and other decorations, at bargain prices. HENRY SMITH, Grand Rapids, Mich.

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PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 3/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant, mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c.

PANSY SEEDLINGS, GOLD MEDAL STRAIN, 50c per 100; \$4.00 per 1,000. ERNEST ROBER, WILMETTE, ILL.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSTOWN, PA.

Nice trifury PANSY PLANTS from Danish seed, mixed colors, \$2.50 per 1,000. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

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PANDANUS VEITCHII, 3 to 5-inch pots, 25c to 75c each. Specimen plants, 8 to 10-inch pots, \$2 to \$5 each; big value. HENRY SMITH, Grand Rapids, Mich.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Pochlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Write for list, Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

CELESTIAL PEPPERS from 6-inch pots, field-grown, full of fruit and flowers, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

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Perennials, Delphinium Gold Medal hybrids, \$3 per 100; Formosum, \$6 per 100; Belladonna, \$10 per 100. Phlox, Ant. Merle, Beranger, Clara Benz, Eliz. Campbell, Gen. Van Heutz, Mrs. Jenkins, \$6 per 100; \$55 per 1,000. Vaughan's Seed Store, Chicago and New York.

Ten thousand Perennials, field-grown, eighteen varieties. Will exchange for 2 1/2-in. hydrangea, nursery stock, violets, canna, gladiolus or what have you; or sell for \$3 per 100. Gerstenkorn & Klump, R. 4, Box 128, Decatur, Ill.

PERENNIAL PLANTS, large assortment, strong plants, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

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POINSETTIA HEADQUARTERS.

All top cuttings.

	Per 100	Per 1,000
2 1/2-inch, strong stock\$4.00	\$37.50
2 1/2-inch, extra select	..... 5.00	45.00
3-inch	..... 8.00	

ERNEST ROBER, WILMETTE, ILL.

Clearance sale price of strong 2 1/2-inch Poinsettias, \$4 per 100; 20 one-year-old plants given free with each order of 100; none better anywhere. Cash, please. Heintz & Weber, 1640 Plum St., Terre Haute, Ind.

POINSETTIAS.

2 1/2-inch, 4 1/2; 3 1/2-inch, 10c. Strong stock. Cash, please. JOY FLORAL CO., Nashville, Tenn.

Poinsettias, 2 1/2-inch, \$3 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS, 2 1/2-inch pots, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Poinsettias. Geo. A. Kuhl, Pekin, Ill.

PRIMULAS.

Primroses, Chinese and Malacoides, 2 1/2-inch, \$2 per 100. Forbesii, Obconica Alba Rosea and Ruby, 2 1/2-inch, \$1.50 per 100. Ob. gigantea, 2 1/2-inch, \$2.00 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULA OBCONICA GIGANTEA, ROSEA (pink) and white. Splendid 4-inch, ready to shift, \$5 per 100. Cash. This stock will please. BRILL CELERY GARDENS, Kalamazoo, Mich.

Primroses, Chinese, 2 1/2-in., \$3 per 100; \$25 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Primula obconica, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 3 1/2-in., \$6 per 100; \$55 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primula obconica, 2 1/2-inch, \$3.25 per 100; \$30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Primroses. Geo. A. Kuhl, Pekin, Ill.

PRIVET.

PRIVET.

WE OFFER AMOUR RIVER PRIVET.

	Each	Ten	100	1,000
18-24 in., light	.....10c	\$0.75	\$ 3.50	\$ 30.00
2-3 ft., light	.....15c	1.00	7.50	60.00
3-4 ft., heavy	.....20c	1.25	10.00	75.00
4-5 ft., heavy	.....30c	1.50	12.00	100.00

Also see our ads under Spirea and Berberry. Send today for our complete price list.

AURORA NURSERIES, Telephone 333, Aurora, Ill.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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FOR RESULTS, discriminating florists buy our Western New York Field Grown Rose Bushes. We have this season particularly fine plants of Magna Charta, selected forcing grade, \$12 per 100; strong No. 1 grade, \$10 per 100. Also good assortment of other leading florists' varieties. Send for list. JACKSON & PERKINS COMPANY, NEWARK, New York.

ROSEA FRAGRANS, similar to American Beauty rose in shape, color and fragrance, 3 to 5 eye divisions, \$7.50 per 100. JORDAN-SMITH PEONY GARDENS, New Castle, Ind.

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Roses, English budded field-grown. For varieties and prices see advertisement elsewhere in this issue. Beas, Ltd., 1077 Mill St., Liverpool, England.

ROSE PLANTS, Killarney, Am. Beauty, Katsurin, Maryland, etc., 3-inch pots, \$6 per 100; 4-inch pots, \$8 per 100. HENRY SMITH, Grand Rapids, Mich.

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ZVOLANEK'S WINTER FLOWERING SWEET PEA SEED. ALL VARIETIES.

Winter Flowering Orchid Type: MRS. A. A. SKAACH—shell pink, keeps well and retains color; ¼ oz., 75c; 1 oz., \$1.75; 4 ozs., \$6.50.

WHITE ORCHID—The well known true white, ¼ oz., 75c; ½ oz., \$1; 1 oz., \$1.75; 4 ozs., \$6.

CHRISTMAS PINK—Pink and white, ½ oz., 15c; 1 oz., 25c; 4 ozs., 75c.

MRS. J. M. BARKER, standard lilac rose wings on white ground, very large and well formed flowers, ¼ oz., \$1.50; ½ oz., \$2.50; 1 oz., \$4.

A. L. RANDALL CO.,

Wabash at Lake, Chicago.

CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

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Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, Lima and pole beans. John Dodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, petunias. Prices and list on application. T. B. Shepherd Co., Ventura, Calif.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, watermelon and okra; grown for wholesale trade. W. E. Huile, Monticello, Fla.

Seeds, peas, beans and sweet corn, Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

SMILAX.

Strong 2½-inch stock, \$1.75 per 100.

JOHN KRUCHTEN CO.,

162 North Wabash Avenue, CHICAGO, ILL.

Smilax, 2½-in. pots, \$2.50 per 100. Vaughan's Seed Store, Chicago and New York.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SPIREA.

SPIREAS.

WE OFFER SPIREA VAN HOUTTEI.

	Each	Ten	100	1,000
2-3 ft.	15c	\$1.00	\$7.00	\$30.00
3-4 ft.	20c	1.25	8.00	75.00

Send today for our complete price list. Also see ads under Privet and Berberry.

AURORA NURSERIES,

Telephone 339. Aurora, Ill.

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STEVIA, field-grown, large and bushy, \$10 per 100. HENRY SMITH, Grand Rapids, Mich.

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SWAINSONA, white, 4-inch, ready for benching, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

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Vegetable plants: Lettuce and cabbage, \$1 per 1,000; 10,000 and over, 85c per 1,000. Parsley plants, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

VINCA VAR., rooted cuttings, \$1.25 per 100; \$10 per 1,000. Large field-grown plants, \$5 per 100. L. C. Lewis, Pontiac, Mich.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCAS—Field-grown plants, variegata, \$4 per 100. Rooted tips, variegata, \$1 per 100; \$9 per 1,000. THE REESER PLANT CO., SPRINGFIELD, OHIO.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$5 per 100. Jos. H. Cunningham, Delaware, O.

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Double Violet Lady Hume Campbell, 1,000 with runners, \$35; 1,000 without runners, \$42. Fred. L. Sly, Stoughton, Mass.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

FOR SALE—Strong violet plants, 3-inch, Princess of Wales, \$5 per 100; \$45 per 1,000. CALVERT FLORAL CO., Lake Forest, Ill.

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SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

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Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Sealine, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphids, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotene, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds: Joseph Ziska, 151 N. Wabash Ave., Chicago.

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Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c. postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pesto Pruning Shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c, postpaid. Elmer D. Smith & Co., Adrian, Mich.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

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Los Angeles County Hort. Society.

At the regular meeting of the above society, October 5, the speaker of the evening, Dr. A. D. Houghton, taking as his subject, "Begonias," entertained the members with one of the most interesting and instructive talks ever heard at these meetings. He started out with the remark that he could make a good speech on anything that he knew nothing about, and ended by offering to answer any questions as to nomenclature, origin, cultivation and propagation of the begonia. Many fine specimens of foliage and blooms were brought in by James McGillivray, and the speaker used them as the basis of his talk. He laid strong emphasis on the fact that the begonia was within the reach of all and more should be planted, bred and studied. He has compiled a card index, in which he has classified every variety that he has been able to secure data on, which is without doubt one of the best records of the begonia compiled up to the present time. At the close of his splendid address, Dr. Houghton was tendered a rising vote of thanks, accompanied by three rousing cheers. Frank Lewin, rose grower, of Hawthorne, staged a splendid display of buds which covered one entire table. Lady Hillingdon, Peace, Gen. McArthur and Killarney were especially noteworthy.

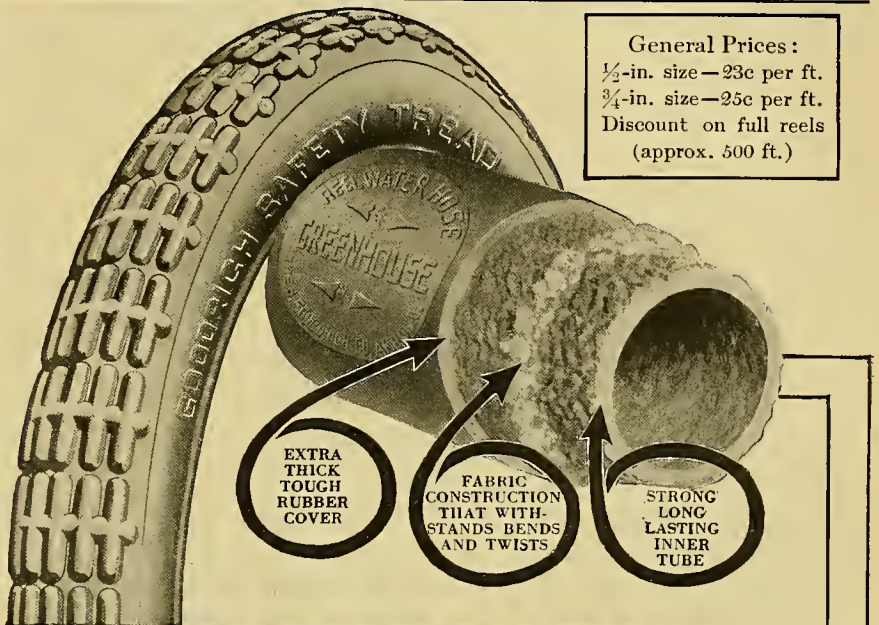
Jacob Dieterich, who was to have been the speaker at the September meeting, was present and apologized for his absence and offered his excuse which was sufficient. He told of some things at the Panama-Pacific exposition that the other members had not mentioned. He told of the royal welcome extended to the florists from the south by the S. A. F. and the excellent representation that the south in turn made with the new rose, September Morn, together with other varieties exhibited by Henry W. Turner, and Chas. Gittings and his new fern. The only new plant that the speaker considered wonderful was the double hydrangea, and of this he spoke in great praise.

Winfield Hale and Wm. Wagner were proposed for membership, the applications receiving favorable action, and on motion of Mr. Felgate, seconded by Mr. Taylor, Dr. A. D. Houghton was elected to full membership in recognition of his interest in the society since its organization.

H. S. K.

BIRMINGHAM, MICH.—Andrew Wilson has built a new house, 22 by 60 feet.

DEVILS LAKE, N. D.—P. J. Kersten, proprietor of the Devils Lake Greenhouses, is spending over \$5,000 in making improvements at his range. Over 40,000 lights of glass are being placed in the new addition.



General Prices:
1/2-in. size—23c per ft.
3/4-in. size—25c per ft.
Discount on full reels
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"Greenhouse" is, in addition, flexible and easy to work with. It saves time in use. Withstands high pressures, too. Any length desired in one continuous piece.

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World's Largest Rubber Factory AKRON, OHIO

Newark, N. J.

While the Newark retailers agree that the season has not yet opened, all of them find something to do in funeral work and counter trade. At Phillips Brothers we found business fairly active. Their store, having been redecorated, is now very attractive.

A clever feature at Henry A. Strobell's store is the profuse decoration with Hydrangea paniculata. Mr. Strobell grows the flowers on his own country place. They are very large and the finest pink and white we have noted this season.

John Crossley, who has summered with his family at Atlantic Highlands, is back home and we found him busy with funeral work. He is handling exceptionally fine carnations for the season.

At the store of H. C. Strobell & Co., we noted very tasteful window decorations with plants in variety, one novel feature being a beautiful variegated pineapple plant.

At the store of Aug. C. Begerow, Inc., there are always good features. At their greenhouses they have a good crop of carnations and other stock coming on.

The next meeting of the Essex County Florists' Club will be held in the Kreuger auditorium, Belmont avenue, on the evening of October 21.

McLaughlin & Murphy have been reasonably busy and are looking forward to a good season's business.

At Wolfinger's many fine features in plants and cut flowers were noted.

A. F. F.

Pittsburgh Florists' and Gardeners' Club.

The dahlia show of the Pittsburgh Florists' and Gardeners' Club, October 5, was a success beyond expectations owing to the quantity and quality of blooms from the Sewickley section. The remarkable improvement in these flowers was commented on by everyone. It was practically a private gardeners' meeting as there were no store men present, except representatives from the wholesale houses. Orchids were also shown, of extra good color and size. George Wessenauer stated that he wanted to remind everyone that it was a gardeners' club as well as a florists' club by bringing some remarkable specimens and a dozen different varieties and enough of them to go around. He gave a very interesting talk on the spraying of trees and cited many instances of making fruit trees "come back" and bear fine fruit again. R. Vincent, Jr., & Sons Co., of White Marsh, Md., was the only outside exhibitor, who sent a magnificent collection of dahlias.

G. C. M.

Massachusetts Hort Society's Nominations

The nominating committee of the Massachusetts Horticultural Society announces the following list of candidates for the various offices of the society for the ensuing year to be filled at the annual meeting November 13: President, Richard M. Saltonstall; vice-president, Walter Hunnewell; trustees for three years, George E. Barnard, William C. Endicott, Arthur F. Estabrook, John K. M. L. Farquhar; nominating committee, Arthur F. Estabrook, Richard Hittinger, John G. Jack, Thomas Roland, John L. Smith.

In accordance with the by-laws of the society two weeks are allowed for further nominations should any be desired.

WM. P. RICHL, Sec'y.

ORANGE, N. J.—The tenth annual show of the New Jersey Horticultural Society was held here October 4. Prominent among the prize winners who had excellent displays were W. A. Manda, South Orange, and P. W. Popp, Mamaroneck, N. Y.

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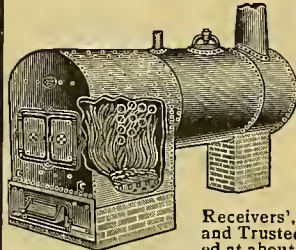
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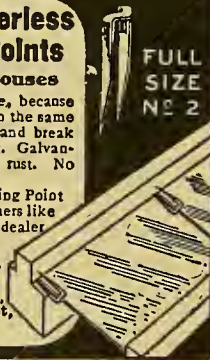
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Experience

We operated greenhouses many years before we started to build them. Every Garland house must qualify to the standard which experience shows us is correct.

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Our claim to having the most complete equipment is substantiated by facts. We are the only concern in this field operating its own FOUNDRY, MACHINE SHOP and WOOD MILL.

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Ft. Wayne, Ind.

SUPPLY AND DEMAND BALANCE.

With the passing of all outdoor stock, the result of heavy frosts, business has profited considerably, and greenhouse flowers, especially chrysanthemums are much in demand. Roses are a close second with the quality everything that could be desired and the supply adequate. Carnations are showing a healthy increase in production, and while the blooms are of good size the stems are still short, but they are meeting with an increasing demand. There is no oversupply in any line, the demand and receipts being about equal.

NOTES.

The Flick Floral Co. had the order for a large number of corsage bouquets for the Delta Gamma dance at Ann Arbor last week. Roses predominated. Miss Mildred Flick entertained at a dancing party at which the floral features were pleasing.

A. J. Lanternier is showing some splendid Chrysolora chrysanthemums. Business at this establishment is excellent, especially in decorative work and weddings.

W. J. & M. S. Vesey are cutting very fine stock of Chrysanthemum Pink October Frost, the first pink variety seen on the local market.

H. K.

NORWALK, CONN.—Henry Eichholz, son of the well-known florist of Waynesboro, Pa., has accepted a position with the Stanford Floral Hall Co., of this city.

LENOX, MASS.—The annual exhibition of flowers and fruits of the Lenox Horticultural Society will be held October 26-27. Copies of the schedule of prizes may be had on application to John Carman, secretary, Lenox. Many silver trophies and cash prizes are included in the list of awards.



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you want to be sure of quick service when in need of any greenhouse material. We not only promise but actually give you quick service, and can supply anything you need either for new greenhouses or repairs. Twenty-five years' experience.

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10,000 \$1.75; 50,000 \$7.50. Manufactured by

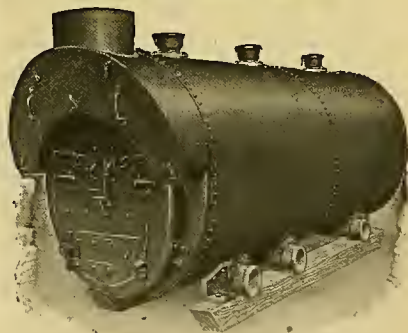
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SUPERIOR MACHINE & BOILER WORKS

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BURNLEY, ENGLAND

Trenton, N. J.

FAIR AND EXHIBITION.

The horticultural features of the fair, which was in progress here September 27-October 1, were of a high order. Charles G. Roebing, president of the John A. Roebing's Sons Company, permitted his noteworthy collection of orchids to be exhibited in horticultural hall. The Roebing conservatories probably cover the finest private collection in New Jersey. In this collection is a white orchid, *C. labiata alba*, said to have been originally valued at \$600. There were also valuable specimens of other varieties. Another interesting feature of Mr. Roebing's collection was the platyceriums, or stag-horn ferns. "Over in Jersey" they call them the "bull-moose" ferns, which may serve to keep election day in mind.

George L. Stillman, of Westerly, R. I., who won a number of prizes at the recent dahlia show in New York, also made a fine exhibit.

Arthur J. Farley, instructor of horticulture at Rutgers College, was superintendent of the horticultural department.

Martin C. Ribsam, a well-known Trenton florist, made a fine exhibit of dahlias. A. F. F.

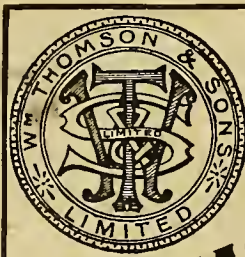
Grand Rapids, Mich.

At the West Michigan state fair which was held here, September 20-25, Henry Smith was awarded 14 first premiums in the classes for flowers and plants. A visit to his greenhouses shows the chrysanthemum stock to be in excellent shape, the number being in the neighborhood of 15,000. Cuttings of Golden Glow began September 25, and the start has now been made on Smith's Advance, consequently there will be no scarcity of chrysanthemums at this establishment for some time. Roses and carnations are being cut in good quantities. American Beauties are doing well and giving a good account of themselves. Ophelia, 800 of which have been benched, is well liked and considered a good addition to the rose list. Good business is reported.

ENGLEWOOD, N. J.—John Hunter, the veteran grower of this city, has gone to California for his health.

MERCHANTVILLE, N. J.—The annual fall show of the Merchantville Horticultural Society was held October 1. A fine exhibit of perennials, staged by Henry F. Michell Co., Inc., Philadelphia, Pa., was a noteworthy feature.

TORONTO, ONT.—The public opening of Dunlop's new store, Eight West Adelaide street, took place October 7. There was a large attendance of the firm's many friends, and the high grade stock exhibited, together with the handsome decorations, attracted many new patrons.



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Our Vine, Plant & Vegetable Manure, also Special Chrysanthemum Manure, are ever increasing in public favor—they embody the practical experience of many years in all branches of Horticulture, producing vigorous, healthy & fruitful growth. Sold by leading American Seedsmen. Freight paid on quantities. Liberal terms to retailers. Write for our special offer to the American trade, etc., to sole makers.

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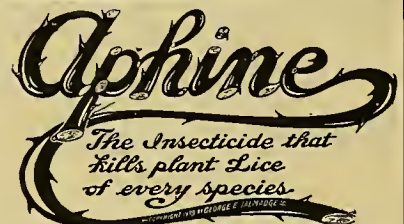
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1000 Ready Packed Crates Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

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Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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that you will be proud to have on your benches is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?

We also have a full line of Azalea Pots, Hanging Baskets and other goods used by Florists—ask for catalogue.
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make flower pots that grow the best plants and bring the best trade. Also the latest creations in glazed ware for every use.

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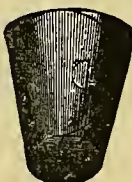
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The HOSE for the FLORIST
3/4-inch. per ft., 15 c
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Couplings furnished.

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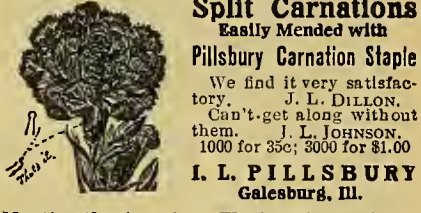


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Suggestions for Plant Growers.

Roman Hyacinths.

The early Roman hyacinths should be well enough rooted to bring them into the houses. These early bulbs will require a little more heat than those that are forced later, when more time is given them to form good roots. A plan often adopted by growers of early bulbs is to place them under the benches on the heating pipes when first brought into the house. When hot water circulation is in use the boxes can be placed directly on the pipes, but with steam pipes it will be necessary to place pieces of wood or other material on the pipes, at least two inches thick, to protect the roots from the intense heat radiated by the steam pipes, and the boxes carefully watched to see that they do not dry out at the bottom. Make weekly plantings of Roman hyacinths in order to keep up the supply of flowers. Place some of the bulbs in bulb pans—a few of these will prove very satisfactory for house decoration, and if not used for this purpose the flowers can be cut the same as from boxes. It entails but little more labor to grow them in pots and at times they are very useful as a pot plant.

Poinsettias.

The crucial period in the growth of poinsettias is now at hand, and if the plants are in good condition there should be no difficulty in bringing them through all right. Steady firing can now be depended upon to maintain the proper temperature. Until the bracts are well formed, keep an even temperature and while these are forming avoid all draughts as much as possible. If the house is kept uniform at 60° at night with a rise of 10° during the day there will be but little trouble with the leaves dropping, but a fluctuating temperature will surely result in plants with bare stems. As soon as the bracts form tie the plants to stakes so as to support the flowers

and have the plants erect. As many of the plants are used for home decoration a neat green painted stick adds to the attractiveness. The early struck plants and those that are grown in benches for cut blooms will be greatly benefited by a watering with liquid manure. Do not make it too strong at first. Begin with a weak liquid once a week and increase the strength, but after the bracts are fully out discontinue the watering with liquid manure or the color will be affected. The small plants should be placed in pans at once, if this has not already been done. They can be easily sized up now to make a fine appearance—a taller one in the center and shorter ones on the outside of the pan makes the best appearance.

Lilies.

The lily bulbs will soon be here and preparations should be made to handle them immediately upon their arrival. There is no time to waste in order to have this crop in the best of shape for Easter, especially with the bulbs that are imported from Japan. Whichever way the bulbs are to grow, whether in 4-inch or 6-inch pots, it is necessary to have pots enough on hand to pot them all up at once, and a pile of good, rich soil all ready, so that there will be no delay. The rapid potting of these bulbs by some growers is done as follows: The 6-inch pots are placed touching each other and then filled about half full of soil, the bulbs are then placed on the soil and the pot filled in nearly to the top and watered. This can be done in this manner very rapidly and there is but very little handling of either the pots or bulbs. After the bulbs are in the pots they should be buried outside until good, strong root growth has taken place; the success or failure of the crop will mainly depend on having the bulb make good roots early. A frame that can be covered during excessive wet weather is the best place for these

plants until they are brought into the houses. If the weather becomes very cold and severe the frames should be covered with sash or the beds have straw or some other protection thrown over them. If kept cool the bulbs will make strong roots before the top starts to grow, yet the ground over them should not be allowed to freeze or damage will be done. The giganteums for Christmas should now be growing nicely and the buds should show about November 10. If they do not appear by that time a little extra heat will be necessary to have them in on time.

After Chrysanthemums.

The early chrysanthemums are now through flowering and the space that they have occupied should be made of use by a growing crop. The soil in which they have been grown should be removed. It is very seldom that a good crop of any flower can be grown in the soil that has produced chrysanthemums. While it looks to be all right

and often has much manure in it that the chrysanthemums have not taken up, yet our experience has been that the soil will not grow a succeeding crop. It is better to throw it out in a pile where it can be subjected to the sweetening process of nature. The stock plants of the chrysanthemums can be selected and blocked up closely together and the surplus stock sold, and the space made ready for a following crop. Many growers frequently ask what can be grown to follow chrysanthemums. It depends greatly upon what the trade demands. Where the early frosts are not severe, the single violets are left in the field and planted in the beds, but in the northern section of the country the weather is often too severe, the plants being badly frozen and will not recover until mid-winter. Plant growers will require the space for the growing plants and the lilies where planted early can be moved into the benches. Sweet peas make a good crop in these beds for spring bloom-

ing. If the seed is planted in pots in October and then transplanted to the beds early they can be bloomed in March. There are a number of annuals that can be profitably grown, such as bachelor's buttons, and stocks, or early blooming herbaceous plants like Canterbury bells, and Coreopsis lanceolata, which will give an attractive assortment of flowers in early spring.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia. Pa.

John Mangel's Opening, Chicago.

John Mangel, the Palmer House Florist, had a big opening this week which was announced in a four column advertisement in the Chicago Tribune, October 18. The new conservatory, 40x40 feet, built recently in the rear of the store, attracted large crowds, for it is the only one of its kind in the loop. The conservatory is completely filled with foliage and flowering plants so arranged that the moment one enters the place from the store a full view is obtained; the same applies to the view one gets from the hotel entrance, and particularly noticeable are the many orchids which play an important part in the decoration. Mr. Mangel has spared no expense in making the opening a success and had his able assistant, John Canger, select many rare plants during a special tour of eastern establishments. Only the rarer things not obtainable here were bought east, but the bulk of stock employed in the decoration was secured from local growers. Another feature that is attracting considerable attention in the conservatory is the large number of birds flying about, some fifty African finches being purchased especially for the occasion. While the new conservatory is the main feature of the opening the store is also handsomely decorated, and everyone who had the pleasure of visiting the Mangel establishment this week will agree that it is one of the best and largest displays that a local retail florist ever made. The proprietor is well pleased with the opening, and says that this is one of the best October weeks he has ever experienced.

Dunne-Corboy Wedding Flowers.

George Wienhoeber, 41 South Wabash avenue, Chicago, had a large order for the Dunne-Corboy wedding at Springfield, Ill., Wednesday, October 20, which consisted of nine bouquets and a flower girl's basket. The bridal bouquet was made of lily of the valley and gardenias, the maid-of-honor bouquet of Ophelia roses and lily of the valley, matron-of-honor, Mrs. Chas. Russell roses and lily of the valley, and the bridesmaids' bouquets, Killarney roses and lily of the valley. The flower girl's basket was filled with miniature roses and lily of the valley and the color scheme carried out was from the lightest to the darkest shades of pink. The bouquets were very artistically arranged and attracted much favorable attention at the wedding, which was held in the church of Immaculate Conception at 10:30 o'clock. The bride, Miss Eileen Dunne, is the eldest daughter of Governor and Mrs. Dunne, and her fiance is the son of Mr. and Mrs. M. J. Corboy of Chicago. It is over 20 years since the historic statehouse of Illinois has



More Flowers
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MANGEL'S OPENING ANNOUNCEMENT.

Reproduction of the Upper Half of John Mangel's Four-Column Advertisement in the Chicago Tribune, October 18.



BRIDAL BOUQUET FOR THE DUNNE-CORBOY WEDDING, OCTOBER 20.
By George Wienhoeber, Chicago.

boasted a bride, and naturally the general public is greatly interested in the event. Southern smilax and baskets of pink and white roses ornamented the home, and the church was decorated with white chrysanthemums and palms.

Even though Mr. Wienhoeber and his assistants were quite busy with the wedding order and their regular trade, they did not overlook an opportunity to decorate their window for the national apple day, October 19, when a large basket of the choicest fruit obtainable was handsomely decorated and occupied the center of the window display, which was banked with foliage plants and neatly decorated with cut flowers.

The Chrysanthemum as a Cut Flower.

The Autumn Queen is here now in all her glory, and for the time being is the leading feature wherever flowers are used. For all kinds of decorative effects they are unexcelled, their brilliant coloring predominating wherever used.

For basket work or clusters for the "coming out teas" they are very effective. Choice ribbons add a touch of refinement and the addition of some of the small flowered pompons in contrast to the large specimen blooms in the arranged piece is always noticeable and causes favorable comment. Where the order is not restricted to a price, branches of highly colored crotons will add much to the appearance.

TABLE DECORATIONS.

Table decorations of choice chrysanthemums are brilliant and attractive, arranged above the line of vision in the center, and in low rose bowls at the ends, with bright hued autumn or croton leaves on the cloth, a beautiful picture is presented. Where a low effect is desired, choice blooms may be cut off short and just the flower laid flat on the cloth on a ground of leaves as above described. This effect is novel and pleasing. The formal plateau is nearly always accep-

table and is very often the only decoration.

ELABORATE DECORATION.

For an elaborate decoration over a buffet table, or as well for a dinner, long stemmed blooms rise from a small centerpiece with a rather slender standard, widening gradually until they reach the ceiling, where they are attached and spread out to cover a space as wide as the table below. When well worked out this decoration has a stunning effect, calling forth words of wonder and admiration from all who see it. For sprays for funerals there is nothing more effective than the chrysanthemum. White, pink and bronze used in separate colors with autumn leaves are very appropriate. The addition of other flowers, where the ribbon is tied, such as violets or other small flowers, or pompons of the same color, add variety and finish to the bunch.

CASKET SPRAY.

The chrysanthemum is admirable for a double casket spray, or one large enough to cover the entire top. Two large sprays with rounded ends are made and joined together closely at the stems. Other flowers can be added here, such as violets and valley, and appropriate large bows of ribbon. These center flowers are best stemmed on sticks and stuck in, there being plenty of foundation for them amongst the stems of the sprays. This arrangement can often be sold where the more elaborate blanket is declined on account of its greater cost. K.

Heating Conservatory.

ED. AMERICAN FLORIST:

Can you suggest the most practical way of heating a small, flat roof conservatory, 30 feet long by 14 feet wide, nine feet high on one side and seven feet high on the lower side? The house runs east and west. The south side is a solid brick wall the full height, while the north wall is about four feet brick and the balance glass. The ends are also brick about half-way up and the balance glass. The flat roof is also glass. The thermometer goes as low as 15 degrees below zero. Would a couple of small gas stoves be practical where the cost is 25 cents per 1,000 feet?

Maryland.

F. M. R.

Just where and how the piping should be arranged will depend upon the location of the doors and boiler if the house is to be heated with hot water, as will be advisable if an even temperature is desired in windy weather. While it might be possible to heat the house with two or three gas stoves, there would be danger that the plants will be injured by escaping gas. For a temperature of 50 degrees, we would run a 2½-inch pipe on the south wall about three feet below the plate. At the farther end, connect three 1½-inch pipes to be carried back along the south wall to the boiler and four others to run across the end of the house and back to the boiler along the east wall. If there is a door in the farther end of the house, the main flow may be raised so that the pipes across the end of the house may be carried over the top of the door. They may be combined in one 2-inch pipe.

L. R. T.



FLOWER GIRL'S BASKET FOR DUNNE-CORBOY WEDDING.

By George Wienhoeber, Chicago.



PILLOW OF CATTEYAS AND LILY OF THE VALLEY BY A. LANGE, CHICAGO.
Exposed Wires Covered with Satin Orchid Ribbon.

AC

THE CARNATION.

Autumn Requirements.

The passing of summer to autumn, with its moderately cold nights and bright warm days, creates an entirely different condition for the growing carnation plants. Before the first of October, everything necessary to put the heating system in readiness for use should have been finished up. When the outside temperature drops below 40 degrees, a little heat should be turned into the carnation houses; just enough to hold the temperature of the house at 50 to 52 degrees at night and 56 to 58 degrees during cloudy days, with the ventilators open just a little to promote a free circulation of air and guard against the temperature rising above the required mark.

At this season of the year it is necessary to give the closest attention to every detail in caring for the plants for them to be successful producers throughout the entire season, it not being cold enough to keep up steady firing day and night, which is an easier matter than having to shut the steam off and on so many times during the day and night. Carnation plants do not require any coddling for them to make their best growth, but will respond to every attention that is bestowed upon them, so pay strict attention to the airing so that there will not be any sudden rise or fall in the temperature and the same applies to the watering. Any time spent in making an examination of the soil before watering is time well spent, as it enables one to water only the parts of the beds that are in need of it and gives the roots a chance to keep up their active growth, whereas when the plants are given water at the roots in a haphazard manner, some parts of the bed become altogether too wet for the plants' welfare. The aim should be to work along with the idea of getting the soil in an even degree of moisture, and when we get it into this condition it will take water freely and dry out evenly, enabling the plants to make a strong, sturdy growth.

We hear of many complaints about stem rot being so prevalent among the carnation plants this season, but now that it is necessary to fire up a little, creating a drier atmosphere, together with the cooler weather, there should be a let-up in the spread of this disease. When the disease has been so bad as to carry off large patches of plants, it is best to make arrangements to change the carnation for something else because a bench of plants, with a big number dying out, cannot be made profitable under ordinary conditions.

The one very important thing is to be sure and look out for insects on the plants and keep them in check. A great deal of the spotted and diseased foliage can be traced to the ravages of some insect pest, and now, when the plants are not over-crowded with flowers, is the time to attend to the fumigating so that no insect can get the upper hand of the plants. It seems hardly necessary to call attention to the work of putting on the supports for the plants as all of this work should have been attended to directly the plants had become large enough to have needed supports, but any of this work not yet finished up should be attended to without delay. Profitable

crops of flowers cannot be turned out from plants grown naturally without supports.

Disbudding and rubbing out a few of the side shoots are other details of the plants' care that must receive constant attention from now on. Some varieties have a great many more side shoots on the stems than others; every leaf clear up to the bud has either a shoot or bud along side of it, and these should be removed down to the length of the stem required, but not low enough to rob the plant of its lower growth shoots. Remove the side buds as soon as they are large enough to handle.

Stigmonose on Carnations.

ED. AMERICAN FLORIST:

Many of my carnation plants are affected like the one I am mailing you under separate cover. Will you kindly tell me the nature of the infection and how it can be controlled?

Texas.

L. C.

The carnation plant was badly infected with stigmonose and had the appearance of having received a very severe check. When plants are lifted after continued heavy rains, the older foliage will dry up much in the same manner as the plant received; also, the long continued wet weather, which has been general over most sections of the country this summer, is the cause of a great deal of the stigmonose disease among the carnation plants. The new growths on the plant appear to be coming out all right. With careful treatment the plants should recover as they become established in the bench, but do not attempt to push them very hard; let them come along gradually, paying close attention to their needs as regards water and airing. After the new shoots have made a little more growth, pick off the foliage that is affected with the dry tips and spots. Bear in mind that close conditions are one of the causes for the plants becoming infected. Growers, who are careless with the field culture and allow the weeds to overgrow the plants, generally have this trouble to contend with after the plants are brought into the greenhouse.

C. W. JOHNSON.

FLORISTS' PALMS.

Autumn Care.

With the cool nights that ordinarily prevail in October, the need of fire-heat becomes apparent, for without it the greenhouses are much too cold and damp in the mornings for the welfare of the stock; in fact, a little heat is frequently needed soon after the middle of September, just enough to keep a proper growing atmosphere for the plants, and steam heating usually proves its convenience at such a time from the fact that it may be cut off as soon as the sun gets high enough to warm the houses, and turned on again at such time in the afternoon or evening as may be found necessary. Night temperatures may run rather higher at this period than during the winter, for the plants are still growing freely, and more or less of the young stock will take a shift at this season to carry it over until spring. This also arguing for sufficient warmth to encourage free root action.

Speaking in a general way, it may be said that the pinnate-leaved palms, in the commercial list, are more inclined to keep on growing in the late autumn than are the fan-leaved species, the kentias, cocos and arecas keeping in active growth after the *livistonas* and *chamærops* have gone to rest for the winter, and it may be remarked that after a plant shows indications of becoming dormant, it seldom does any good to try to force it into abnormal growth with unusual temperature at night, and for this reason it is wasted effort to give strong heat to such palms as *Livistona sinensis* or *Chamærops excelsa* after the middle of November, a night temperature of 55 degrees through the winter being better for these species than the night minimum of 65 degrees that is frequently given to *cocos* and *arecas*.

Livistona rotundifolia is more tender than its relative mentioned above, and 60 to 65 degrees at night seems to keep it in good condition through the winter, for it must be remembered that this palm is an East Indian plant, while *Livistona sinensis* came originally from China and probably not from the warmest portion of the latter country.



SHOE STORE FLOAT IN RECENT CARNIVAL.

Decorated by Z. D. Blackistone, Washington, D. C.



AUTOS IN RECENT STREET CARNIVAL.
Decorated by W. H. Kidwell & Son, Chicago.

Phoenix canariensis is seen in less quantity of late years, and so long as the war continues there will be but small, if any importations of this plant, the stock of imported phoenix chiefly coming from France and Belgium in former years. There is doubtless some place for this comparatively hardy palm in decorating the halls of hotels and large apartment houses, but spring palms are much less in favor for public places than the kentias, even though the latter cost more money.

The best kentia for a generally useful palm is *K. Forsteriana*, but the best from an aesthetic point of view is *K. Belmoreana*, its graceful leaves, with their narrow leaflets, being truly beautiful. *Kentia Canterburyana*, the third member of the kentia group from Lord Howe's Island, is very little grown commercially, from the fact its large seeds germinate slowly and the plants themselves take a considerably longer period for development than the other two widely known members of the family. *K. Canterburyana* is found on higher ground than *K. Belmoreana*, and has been sometimes referred to as the "mountain palm" of its native island, and its native habitat has probably helped to fix its slower growing characteristic.

Still another palm, the seed of which is sometimes found mixed in with the seeds of kentias, is *Rhapalostylis Bauerii*, also known to older growers as *Areca Bauerii*, an attractive palm and one that may readily be grown in a cool house. The *Rhapalostylis* is not really a native of Lord Howe's Island, for it comes from Norfolk Island, but it is most likely that seeds have been carried to the former island, either by travelers or by the ocean currents, in much the same way that the common coconut, *Cocos nucifera*, has been distributed over a large portion of the tropical world.

Rhapis humilis was imported from Japan in quite considerable quantities some years ago, and in fair sized clumps was a useful palm to the decorator, but in common with its stronger growing relative, *Rhapis flabelliformis*, is not a quick money plant to the grower, and therefore seems to have passed from the market to a great extent.

W. H. TAPLIN.

CHRYSANTHEMUMS

Exhibition Cut Blooms.

These large specimen blooms for exhibition are fast unfolding their petals and must be given the closest attention to encourage them to attain their highest state of development. If we could depend on clear, cold, dry weather up to the time the blooms were matured, it would be easy sailing and we should not have to worry about spotted petals or dampness, but we are not going to be favored that way and will have to keep the houses as dry as possible by running a little steam through a line or two of the pipes, and regulate the temperature by ventilating according to the weather conditions.

The greatest care must be taken with the watering. The plants require watering when dry, but they should not be kept in a continued wet condition at the roots. Let them dry out a little between waterings; it will help the plants to develop the blooms and give them substance. Attend to the necessary watering by 10 o'clock in the morning, so that there will not be an excessive dampness when it comes time to lower the ventilators in the afternoon. It is far better to let a plant, or part of the bed run over night a little dry, than water in the afternoon. Anything that is likely to develop dampness or mold should be kept as far away from chrysanthemums in bloom as possible. I well remember the trouble caused by a lot of stock geraniums hurried inside after being nipped by frost and put underneath a bench of chrysanthemums. The frozen leaves of the geraniums developed a lot of mold and the chrysanthemums lots of spotted petals. Everything about the chrysanthemum house should be sweet and dry.

One of the reasons for keeping the place dry is that the blooms must develop slowly in a low temperature. Aim to keep the night temperature as near 50 degrees as possible, with a little steam running through one of the lines of pipe and the ventilators open a little all the time. One has to be guided by the weather conditions in regulating the day temperature. When it is cool enough, so that with

little ventilation on, a few degrees above the night temperature can be maintained, then it is all right and the grower can regulate the temperature of the house by raising or lowering the ventilators according to the changing conditions of the weather, but there are so many days during the time the blooms are expanding that are more like summer days than fall, and the only thing to do when the days are so hot is to put a thin shade on the glass and ventilate freely whenever it is not too windy, but strong drafts blowing on to the plants through open doors and ventilators must be guarded against.

As soon as the steam heat is turned into the chrysanthemum houses, the red spider begins to be troublesome, especially so in the corners and sides of the house adjacent to the steam pipes. A great many times the red spider gets a foothold through the temperature being allowed to run up too high before shutting off the steam and opening up the ventilators early in the morning. Aphis are also very troublesome now that the plants cannot be sprayed on account of the advanced condition of the blooms, and the only way to combat these insects is to fumigate with the nicotine preparations regularly. It may be necessary to fumigate two nights in succession at first before cleaning the insects entirely out; then set aside one night a week for the regular fumigating night and strictly attend to it. It is a good plan to examine the blooms occasionally, as sometimes a bloom may be infested with aphis though appearing apparently to be all right from the outside. When the blooms get in such a bad condition it takes strong fumigating to clean them out.

C. W. JOHNSON.

JANESVILLE, WIS.—J. T. Fitchett, the dahlia expert, was awarded first prize on his exhibits at nine fairs this season. His gardens have never been more beautiful than this year.

DALLAS, TEX.—David Hardie, head of the David Hardie Seed Co., has purchased the interest of E. H. R. Green in the Green Floral Co. Seth Miller will continue to manage the business as heretofore.

Clematis Diseases.

The sudden dying of clematis plants, especially wherever the large-flowered kinds are grown extensively in America and Europe, has been noted for many years, and the cause and methods for prevention of this disease have recently been reported in the Journal of Agricultural Research of the United States department of agriculture, by W. O. Gloyer of the New York agricultural experiment station at Geneva, N. Y. This investigator found that the primary cause of the dying of these plants is a fungus known as *Ascochyta clematidina*. Experiments have shown that the transferring of this fungus to healthy plants causes them to take the disease. The disease shows itself differently on various species. On hybrids grown in the field it is a stem-rot, while at the greenhouse where cuttings are propagated it is a leaf-spot as well as a stem-rot. On *Clematis paniculata* the disease takes both forms. The following methods for controlling this fungus are recommended:

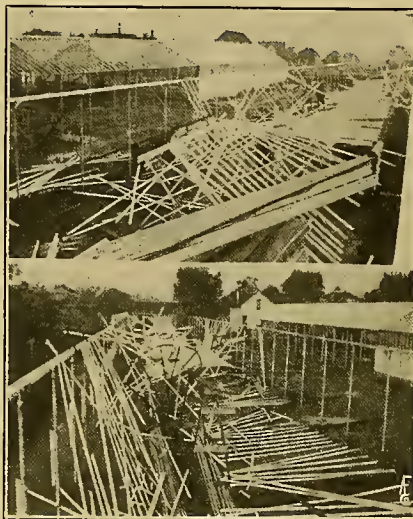
There is less disease when the hybrids are supported while growing than when they are permitted to trail on the ground. In the case of *C. paniculata*, however, the selling price of this variety does not warrant incurring the expense of supports. The author in this case advises transplanting the plants from the beds to the open field after the first year and placing them far enough apart to prevent matting, which is always a condition favorable to the disease. The following spray applied lightly controls the disease on *C. paniculata* growing in the beds and on cuttings in the greenhouse: One pound of laundry soap and 6 pounds of sulphur to 15 gallons of water. The disease can be controlled on the hybrids in the forcing frames or in the greenhouse by the use of sprays. In all cases it is best to remove the diseased leaves and dead vines before spraying. It is particularly important to clear out such leaves and vines, especially if the plant is wintering outdoors, as the fungus is able to survive cold weather. This indicates also that the same beds should not be used for clematis during successive years.

The retail purchaser of clematis can prevent the dying of plants by taking proper simple precautions. The plants should be placed in good soil, well drained and on a sunny exposure. As soon as the new shoots have formed the old vine tissue should be carefully cut away close to the new shoots, removing all traces of the brown, discolored wood in which the fungus is to be found. Proper ventilation is obtained by training the plants to a strong trellis.

Cleveland Flower Show.

While it is unfortunate for the Cleveland flower show that the men of France are so busy trying to shoot Germans and Austrians that they are not giving their usual attention to the cultivation of flowers, it also is equally fortunate that this government has as a representative in France one who is a flower enthusiast. Ambassador W. G. Sharp, whose residence is Elyria, Ohio, has attended former flower shows in Cleveland. Consequently when the local committee wrote him to invite a display from France for the coming exposition he took a personal interest in the enterprise and in spite

of the war and its consequences secured a representative display from the government and private gardens and greenhouses of Paris to send to Cleveland. A letter and cablegram received the past week from Mr. Sharp give assurance that a personally conducted exhibit will arrive in time for the show. There are many difficulties to overcome in sending this shipment across the Atlantic at this time and Mr. Sharp is depending upon some *atache* of the diplomatic service or an American returning home to take personal charge of the display and bring it safely through the blockades and past the submarines. While Mr. Sharp has not indicated in detail the selection of flowers that will be sent to represent the French growers, he had



Tornado Wrecked Greenhouses.
New Haven Floral Co., New Haven, Ind.

written of his hope of making a selection from the conservatory of President Poincaré.

The ambassador also has the cooperation of an official of the *Comite Horticole Francais* in selecting a display for the Cleveland show. The extensive mobilization of men in France has greatly interfered with flower culture and gardening throughout France; otherwise, Mr. Sharp gives assurance the French would send an exhibit that would stand out strongly as a feature in the show. There will be a particular interest in that which comes from the belligerent nation, however, since it will be understood by all visitors to the show that it was secured with some difficulty and only through the persistent effort of the American ambassador who is a lover of flowers and who never has missed an opportunity to attend the flower shows in Cleveland, or elsewhere, when possible to do so.

Tornado Wrecks Indiana Greenhouses.

The illustration herewith shows greenhouses of the New Haven Floral Co., New Haven, Ind., wrecked by tornado, September 10. There was no insurance but fortunately no lives were lost. The wrecked houses have been restored and will be replanted shortly. The firm's old range was unharmed and roses, carnations and chrysanthemums in these houses are looking fine.

Fourth National Flower Show.

The national flower show committee of the S. A. F. spent Monday and Tuesday, October 18-19, conferring with the local committees. The entire work so far accomplished was heartily approved by them, the opinion being unanimous that in every branch the exhibition is in a better state of preparedness than any previous show. They are especially pleased with the work of the publicity committee through its chairman, W. F. Therkindson, who has secured promises of free publication of everything interesting in influential daily and weekly papers, magazines and bill board space at half or about cost rates. Publicity stamps for letters, packages, etc., are to be furnished free to all who will use them. The work of the committee culminated in a meeting of the florists' club October 19, which was splendidly and representatively attended by the flower of the trade and was enthusiastic to a marked degree. Chairman George Asmus presided. He made a fine address, showing the advantages to be gained by all the trade in cooperating. The committee had appropriated \$30,000 to be spent in various ways in connection with the show. He felt sure it would eclipse anything that had been given before. President Welch told the craft of their great opportunity in this show; how anything they did in work and any money expended would be returned over and over again. He emphasized the importance of organization which could do so much more than by single endeavor, citing the work done by the California fruit growers because they worked together in pushing their goods. Robert Craig said they called him a dreamer when he advocated the national show, but he had lived to see it come true. He predicted a great success here.

C. H. Totty congratulated the local committee on the forwardness of their work, it being far ahead of any previous efforts. He urged the importance of going after the big men, the moneyed men of the community, who would be sure to join the work if properly approached. He saw not a cloud in the sky and was sure of a most successful exhibition. W. F. Therkindson outlined the work of his very important publicity committee, and the progress made fairly took the breath away from his listeners. He is certainly the right man for this work. He urged all who had stories to tell or interesting facts about plants, to send them with any others they have to the committee. Thos. Roland said that Philadelphia had secured in Mr. Therkindson for nothing what had cost the Boston committee \$2,000, and the work was being better done. Every one should back up Mr. Therkindson, he urged, and help by giving the best that is in them, or they would not be doing their duty. He said he was sure Philadelphia was going to see a \$50,000 show for 50 cents. Mr. Craig predicted great returns for all retailers who would put their best efforts forward. They must not enter for selfish but sentimental reasons. The New York retailers had profited greatly in this respect. W. F. Kasting declared the show would be a great educator and that all should co-operate, as all would be greatly benefited. The rich man should be interested. Make New York, Washington, Boston and all the large cities attend. He was satisfied that all previous shows would be outdone and

then Buffalo would come next and excel this one. Adolph Farenwald waxed enthusiastic and was sure of a very great success. John Westcott, not so sure at first, was now heartily in favor; so many good men were pulling together that it would be the grandest show ever held. David Rust promised the aid of the horticultural society and looked forward to a wonderful show. H. F. Michell believed the way to do things was to do them. His firm had taken a large space and would work in every way to get others interested.

W. F. Gude was bursting with fervor for the show. He particularly emphasized the importance of indirect advertising which brought the people without their knowing why they came. He has enthusiasm plus and is a prince of boosters. John Young reported that over \$7,000 worth of trade space had been sold and in referring to the value to exhibitors of the last New York show, all exhibitors had before the exhibition closed renewed their contracts for next year, a number taking larger space.

It was announced that Wm. Graham had been chosen superintendent of the show, which greatly pleased the members of the club, as in his selection the art of the exhibition is in the very best of hands, Mr. Graham being one of the best floral artists and decorators in this country. W. A. Niesson, Louis Burke, Mr. Logan and others who were called on, were to a man unanimous that the exhibition would come up to the expectation of the most enthusiastic.

K.

American Rose Society.

The executive committee of the American Rose Society held a meeting in New York, President Pennock in the chair. The matter of the annual bulletin with the proceedings for 1915 was gone over, with the plan of making improvement in this publication, and the J. Horace McFarland Co., of Harrisburg, Pa., made a proposition to issue the same in a much better form than heretofore, and this proposition was accepted, and the same will appear after January 1, embodying the transactions of the year with colored illustrations. The matter of cost of affiliated membership was gone over with some detail. At present the affiliated membership is 10 cents for each member, and after careful consideration it was moved that the associate membership be changed from 10 cents to 25 cents per member; this change to be put into effect January 1, 1916.

The premium list for the exhibition of 1916, to be held in Philadelphia, Pa., at the national flower show, March 25-April 2, was submitted and gone over carefully, covering roses in pots and tubs, table decorations and blooms by commercial growers as well as blooms by private growers. The total amount of premiums to be awarded is \$2,500. A special prize of \$10 is offered by Secretary Benjamin Hammond, Beacon, N. Y., for the prettiest exhibit of roses, the same to be decided by a vote of the lady visitors. The final adjustment of the schedule of prizes was referred to a committee consisting of S. S. Pennock and L. J. Reuter to arrange.

C. T. Tansill of the Washington test garden committee tendered his resignation and it was moved that Wm. F.

Gude, of Washington, D. C., be appointed to fill the vacancy and Mr. Gude has accepted the position. A new rose was reported for registration and the same was referred for proper consideration.

The details of the Cleveland flower show, to be held November 10-14, were carefully gone over and arrangement made to call a regular meeting of the society at that time, for the consideration of any matters pertaining to the best interests of the society. The Cleveland flower show has placed at the disposal of the American Rose Society the sum of \$700 in prizes. There has been added to that a special prize of \$25 by Robert Scott & Son, Sharon Hill, Pa., for 50 blooms of Killarney Brilliant rose. A. N. Pierson, Inc., Cromwell, Conn., offers \$25 for the best 50 blooms of the rose Hadley. A silver medal, by Vaughan's Seed Store Chicago and New York, a silver cup by the Lamborn Floral Co., Alliance, O., and \$10 in cash by W. Atlee Burpee & Co., Philadelphia, Pa., are also offered. The judges of the American Rose Society for the Cleveland show are Emill Buettner of Park Ridge, Ill., and John H. Dunlop of Richmond Hill, Toronto.

BENJAMIN HAMMOND, Sec'y.

Chicago Grand Floral Festival.

Space is now well taken in the non-competitive trade section of the Grand Floral Festival, to be held in the Coliseum, November 9-14. The few good locations remaining will be sold to the first applicants. The rate for space is very low, 30 cents per square foot in the main hall and 20 cents per square foot in the annex, the minimum for space being \$25. Applications for space in this section should be addressed as early as possible to A. Henderson, 369 River street, Chicago.

The jurors for the show thus far appointed include E. A. Kanst, superintendent of Lincoln park, chairman; J. J. Hess, Omaha, Neb.; James S. Wilson, Des Moines, Ia.; W. A. Kennedy, Milwaukee, Wis.; J. E. Matthewson, Sheboygan, Wis.; John Reardon, Ames, Ia.; A. J. Smith, Lake Geneva, Wis.; Donald McNaughton, Lake Forest; Edward Boulter, Winnetka; August Koch, west park system; H. N. Bruns, A. Lange, Ernst Wienhoeber and Chas. A. Samuelson.

A large array of special prizes in the form of cups, trophies, etc., has been secured including a magnificent series donated by the greenhouse building concerns located in this vicinity and valued at \$500.

H. B. Howard and James Morton have been added to the executive committee and both were on hand at the last meeting, October 14.

MICHAEL BARKER,
Chairman Publicity Committee.

Houston Flower Show Premium List.

The premium list of the Texas state flower show, which will be held at Houston, November 17-20, has been completed and provides for awards in nearly 100 classes in plants and cut blooms. The prizes in the classes open to all will consist of blue ribbons, red ribbons and certificates of merit, while in 20 classes, open to amateurs only, the awards will be in cash varying from 50 cents to \$10. In the sweepstakes, both for local and out of the state exhibitors, cups and medals are offered.

Milwaukee, Wis.

LIVELY DEMAND AND PRICES ADVANCE.

Market conditions the past week were just opposite of those of a year ago. With a good demand, especially for funeral work, everything suitable, short or long, good or indifferent, kept a-moving. Toward the end of the week money could not buy desirable stock for certain occasions. The supply of short roses is far from satisfactory, while the longer grades are not over plentiful. The way carnations sell reminds one of the good old holidays—supply scarce and prices going up. The supply of chrysanthemums is fair and they move well, due no doubt to the shortage in other lines.

NOTES.

Prof. J. G. Sanders, state entomologist of Wisconsin, made a personal inspection of the trees in this city a short time ago. From his report just published, we are informed that the trees in Washington, Kosciusko, Mitchell, Humboldt and Soldiers' Home parks and three of our largest cemeteries, are infested with the San Jose scale. He promises to begin spraying as soon as the leaves have fallen. He further recommends that the city appoint a city forester, also pass an ordinance licensing tree experts in order to prevent the damage done by the so-called tree doctors.

Richard Lietz, of 1433 Fond du Lac avenue, took a flying trip to his Cedar Lake summer home October 15. He must have been going some, for he made the round trip distance of 80 miles, plus the time spent there, in two and three-quarter hours; left the store at 2 p. m., was back in town at 4:45.

The population of Brown Deer, Wis., has been increased by another carnation grower, although he still has to grow some, in the form of a baby boy, which now brightens the home of Mr. and Mrs. Gust C. Mueller, manager of the Mueller Greenhouse Co. No wonder Gust wears that big smile; it's the first born.

Otto Wilke, formerly with Fred Kaiser, has leased the F. Schmeling greenhouse plant on the Blue Mound road for a period of five years. Mrs. F. Schmeling will devote all her time to the Winnebago street store from now on.

From a reliable source comes the news that Raymond Ritzler of the Aug. F. Kellner Co.'s force, was quietly married to Miss Laura M. Breske, September 25. We extend our best wishes.

At the J. M. Fox & Son store they have several large orders booked for the near future. Among same is the decoration for the annual charity ball to be held early in November.

Gust Rusch & Co. report the arrival of fine roses from the Cudahy plant, only the supply is too short. Their American Beauties are mostly long stemmed at present.

H. W. Koerner, who was fortunate enough to still have gladioli last week, received as much per hundred as he realized for a thousand during the summer glut.

The Holton & Hunkel Co. featured their first own grown Chrysolora chrysanthemums last week, which owing to their fine quality, moved right along.

C. C. Pollworth Co. reports local and shipping trade very brisk. Their chrysanthemums are coming right along now.

We are pleased to report that J. F. Baerman, reported sick with pneumonia last week, is well enough to be up.

The Grunewald Bros. of North Milwaukee are bringing in a nice lot of really good carnations.

The M. A. McKenney Co. had exceptionally good business all last week.

E. O.

St. Louis.**STOCK ARRIVES IN BETTER SUPPLY.**

Warm weather during the past week helped to bring on the stock. Chrysanthemums Smith's Advance, Golden Glow and Polly Rose are the chief varieties. Carnations are quoted at 2½ cents to four cents, roses from two to eight cents, a few fancy at 12 cents. Packed heads of bloom even 25 in a bunch dampened arrive much more satisfactory than those loosely packed. American Beauty are of good color and quality. It is entirely too warm for violets. Cooler nights would greatly improve their blooms. Greens of all kinds are selling well.

NOTES.

The regular meeting of the florists' club was held October 14, at the Bourdet Floral Co.'s grounds, the home of the president, who called the meeting to order. There were about 80 members present and a number of visitors. Fred Ammann, of Edwardsville, Ill., chairman of the American Carnation Society meeting, made a report and asked for further time to appoint sub-committees, until the December meeting. They will announce the Cleveland Florists' Club invitation to their show and there will be a transportation committee of H. G. Berning, David Geddes and W. Pilcher. Vice-President Wells and H. W. Ohlweiler, trustee, were installed. Messrs. Janicke and Windler will report on the spring flower show at the next meeting. Fred Frow and Tom Carr were elected to membership and Arthur Waldmann, E. D. Cernie and H. L. Warner made application for membership. After the meeting refreshments were served and a tour of inspection made through the greenhouses. A rising vote of thanks was extended to President Bourdet for his entertainment of the club, which will be long remembered.

Sam Seligman was a visitor last week. He seems to like this city. He also attended the club meeting and gave a short talk on what the Cleveland publicity committee was doing to further the interests of the Cleveland flower show.

Foster, the Florist, on and after October 20, will be located on Sixth street, opposite the Barr building. This should prove a good location.

Jos. L. McCloskey, formerly with Grimm & Gorly, is with McCloskey Bros., on North Grand avenue.

Grimm & Gorly had a special sale of ferns the past week.

The Ayres Floral Co. has added Fred Strohmeier to its staff.

The Retail Florists' Association met October 18. W. F.

Cincinnati.**DEMAND ABSORBS LIBERAL RECEIPTS.**

Taken as a whole business is very satisfactory. Receipts are fairly large and the demand sufficient to take up most everything that comes into the market. Shipping business is pretty heavy. Chrysanthemums are in a good supply for early ones and include a good assortment of varieties and sizes. Roses are meeting with a very active demand. The good carnations sell very well. Easter lilies are fairly plentiful and enjoy an excellent market.

Last week E. G. Gillett attended the state conclave of Knights Templars at Toledo, Ohio, with the Hanselman commandery of this city. Mr. Gillett has been getting in some excellent yellow chrysanthemums from C. P. Dietrich, Maysville, Ky.

Ech Bros., one of whom was formerly with Fred Gear, have opened a retail flower store at 1227 Vine street.

C. E. Critchell has been having a very fine assortment of early chrysanthemums.

L. H. Kyrk left the first of this week on a business trip.

Visitors: J. P. Keller, Lexington, Ky.; Fred Rupp, Lawrenceburg, Ind.; Rudolph Lodder, Hamilton, O.; J. T. Nichols, Cleveland, O.; J. W. Crismore, Chicago, and Mr. and Mrs. C. E. Ruch, Richmond, Ind. H.

Washington.

The local market is short of almost every line of stock. American Beauties have taken a jump and cannot be had in any quantity, and red roses of any variety are not procurable at any price. A few corn-flowers are to be seen but the price is beyond mentioning. A few good chrysanthemums are arriving, but they are picked up as soon as they reach the market.

NOTES.

The S. S. Pennock-Meehan Co. is receiving some extra fine Mrs. Moorfield Storey roses which find ready sale. Some splendid dahlias are also to be seen here, being sent in by R. Vincent, Jr., & Sons Co., White Marsh, Md.

Mrs. McCabe is sending in some especially fine chrysanthemums, in fact, the best that have been shown locally this year. Among them is a new white, that has called forth much favorable comment.

George C. Shaffer's force has been exceptionally busy with decorations and a heavy demand for funeral designs.

The DuPont Floral Co. reports the fall business far beyond expectations.

Visitors: Charles Meehan, Philadelphia, Pa.; Messrs. McKissick and Perry, Baltimore, Md. G. C. D.

Rochester, N. Y.

There has been great scarcity of stock the past two weeks, and the market was cleaned up daily. Things have changed, however, and great quantities of roses are coming in and also a fair supply of dahlias in red, pink, white and yellow. There are a few cactus dahlias arriving. Carnations are a little more plentiful but very short stemmed. Winsor, White Wonder and Beacon are all good in color. In roses, Killarney, Ophelia, Maryland and Sunburst are the best varieties. Wards and Hadleys are small. Francis Scott Key is off color. Mignon and Sweetheart roses are scarce. Chrysanthemums are late this year and Golden Glow and Pacific in pink and white are being cut, but in small quantities. There are a few pot plants to be had just now. Lily of the valley is small in size, but there is considerable demand for it. There are few gardenias at present. Boston ferns are selling well.

NOTES.

The Rochester Florists' Association held its monthly meeting October 11 with an attendance of 20, President Chas. H. Vick in the chair. John Dunbar was speaker of the evening and described his trip to Boston, giving an interesting account of the Arnold Arboretum, which was greatly enjoyed.

The bowling club met at the Central Park hotel for bowling last week, and are getting into trim for the match with Buffalo at Cleveland in November.

H. P. Neun has just returned from a trip to Boston and New York where he spent a few days.

J. M. Keller is doing considerable outdoor planting of shrubs and perennials. CHESTER.

NASHVILLE, TENN.—A flower show in January under the auspices of the Tennessee State Florists' Association and the local florists' society is being planned.

Pittsburgh.**SHORTAGE EQUIVALENT TO FAMINE.**

Everybody is wondering what has happened to the flower market in Pittsburgh for the past week or two. It is rather a hard question to answer, as it happens that very few of the growers' crops look good for anything but good promises for later cuts, and the situation certainly is a queer one. It seems that none of the plants have matured as early this season as in former years, and true, some of the growers did not plant as early this season as is customary. The result is that there is practically nothing in the local markets, excepting some roses and what is left of the late dahlias. Carnations are completely out of sight, it seems, and chrysanthemums were never so slow in making their appearance. A few Golden Glow, Smith's Advance, October Frost, Early Snow, Frick and Golden Wedding 'report' from day to day, but they remain as scarce as frog hair. The quality of local roses is splendid, Killarney, Ophelia, Maryland and Hilda being the leaders. The newer, small novelty roses do not get very good treatment here, but it is hoped they will take better after colder weather sets in, and they undoubtedly will, but the season has not quite arrived for such stock to bring paying returns. It seems a shame that the efforts of growing this stock must be wasted, when so much more satisfaction could have been realized from more staple flowers. Dahlias are hanging on quite well, and some magnificent blooms are still being received by the local wholesalers. American Beauties and Lily of the valley are good and plentiful, but Easter lilies are still on the narrow end. Large shipments of florists' supplies are being shipped in every direction daily by the local dealers. This branch of the business has made great strides here in the past few years.

NOTES.

John Murchie of Sharon has moved his greenhouses to a nearby location, besides erecting two more this fall, and is very well situated for the winter, having excellent new facilities for heating, handling coal and packing. His houses are heavily stocked, mostly with palms, ferns and bedding stock.

Wm. A. Murdoch, Titusville, was married October 6, and has just returned from his wedding trip.

George L. Graham has moved his Bradford store next door, 95 Main street, and is now in a much larger and more convenient location.

Barnett's Flower Shop, of Sharon, is now out of business.

Visitors: Chas. P. Haas and wife of Meadville, Pa. G. M.

The Late C. B. Chase.

C. B. Chase, the well known retail florist of Chicago, died Wednesday, October 13, at the age of 46. He was born in Kenosha, Wis., and came from a family of florists who were in business there as early as 1869. He came to Chicago at an early age and for many years conducted a retail store at 2205 South Michigan avenue. Mr. Chase had not been in good health for some time and was doctoring for kidney and heart trouble, but was up and around almost up to the time of his death. The funeral was held from the Western Casket Co.'s undertaking parlors at Twenty-second street and South Wabash avenue, Friday, October 16, and the burial took place at Grace-land cemetery. He leaves a wife, who will continue the business with the assistance of Edward Kidee, who has been connected with the late Mr. Chase for many years.

FAR AND NEAR.

WICHITA, KANS.—W. H. Culp & Co. moved to their new store at 139 North Main street, which has a better appearance than the old one and greater improved facilities for their rapidly increasing business.

PORTLAND, ORE.—The Swiss Floral Co. is negotiating for the lease of the establishment of Alfred C. Burkhart, with the intention of conducting the business in connection with its present range.

LOS ANGELES, CALIF.—Forty cups will be awarded in the competition in the plant and cut flower classes at the Broadway flower and automobile show in this city, October 23-30.

PARIS, ILL.—John A. Helfrich, West Washington street florist, has received word that his brother, Carl, was killed in battle during the German drive in Poland, August 21.

COUNCIL BLUFFS, IA.—A greenhouse, 16 by 20 feet, will be erected by the park commissioners in Fairmount park to house the city's flowers during the winter.

YONKERS, N. Y.—A new store under the management of John Cullen, known as the Hollywood Florist, has been opened at 36 South Broadway.

EAST ISLIP, N. Y.—Robert Lickman, formerly of Great Barrington, Mass., has taken a position as head gardener on the estate of H. H. Knapp.

KANKAKEE, ILL.—The Schaffer Floral Company has been incorporated by Charles, Peter and Clara Schaffer, with a capital stock of \$12,000.

NORWALK, O.—A. Doebel, who has been growing a general line of plant stock, will make a specialty of geraniums in the future.

NEW PROVIDENCE, N. J.—A fire at the range of Richard Voigt recently caused a loss of several thousand dollars. The origin is unknown.

NORTH CAMBRIDGE, MASS.—John McKenzie, florist, with a retail store in this city, has opened a branch at Arlington Center.

HOUSTON, TEX.—The Cotney Floral Co., whose establishment was demolished in the recent storm, will build a modern store.

ALBANY, N. Y.—Edward P. Tracey has bought the interest of his partner, Edward Meany, in the Rosery Flower Shop.

ATCHISON, KAN.—The Groves Floral Co. will open a downtown flower shop at 415 Commercial street, December 1.

WATSEKA, ILL.—Henry & Peters, proprietors of the Watseka Greenhouses, are making improvements to their range.

LASALLE, ILL.—W. Moore has purchased two lots on West Second street and will erect a greenhouse on the property.

CUDAHY, WIS.—A contract has been awarded for another house to be added to the Lakeside Rose-Milk Farm range.

MARS, PA.—The E. C. Ludwig Floral Co., of Pittsburgh, is adding a greenhouse, 25 by 200 feet, to its range here.

TOLEDO, O.—K. Kaminski, florist, who has conducted a store in this city for a number of years, is planning to retire.

SALINA, KAN.—A plan to establish a park system in this city is being presented to the citizens through petition.

BALTIMORE, MD.—A propagating house 14 by 200 feet is being erected by A. S. Richmond, Eidman avenue.

NEWTON, MASS.—The Garden City Flower Shop, conducted by J. L. Carney, has opened at 301 Center street.

HIGH POINT, N. C.—The High Point Floral Co. has purchased additional ground and will enlarge its range.

HUTCHINSON, KAN.—Koon Beck, proprietor of Riverside park, will erect a propagating house, 40 by 80 feet.

DULUTH, MINN.—J. J. LeBoriss has purchased the property occupied by him. The price paid was \$11,250.

MOUNDSVILLE, W. VA.—A new front is included in the improvements being made at the Miller Flower Store.

PERRY, IA.—David Moore has opened an up-to-date flower shop in the Citizens Trust and Savings building.

SUNBURY, PA.—E. H. Luckhart, florist, is building a large addition to his range on Upper Water street.

NEW HAVEN, CONN.—The Cowan-Heller Floral Co., has opened a new flower shop on College street.

JOPLIN, MO.—Five thousand flowering plants in the city parks were given away to the public, October 8.

ERIE, PA.—McCarty & Klein are erecting a greenhouse at 724 West Eighth street to cost \$800.

YORK, PA.—Charles E. Smith has moved into more commodious quarters at 125 East Market street.

ANDOVER, MASS.—A new house, 20 by 125 feet, has been added to the range of J. H. Playdon.

NEW ALBANY, IND.—John Bettman has completed and planted three new houses at his range.

BUFFALO, N. Y.—Jerry Brookins is adding one house 70 by 150 feet to his Orchard Park range.

ATCHISON, KAN.—The Mangelsdorf Bros. Co. are remodeling their downtown greenhouse.

ATLANTA, GA.—The C. A. Dahl Co. has moved to its new location at 103 Peachtree street.

FOND DU LAC, WIS.—W. H. Gooding has opened a flower shop at 106 South Main street.

WYOMISSING, PA.—Bertrand H. Farr is enlarging his range to twice its present size.

DENVER, COLO.—The Elitch-Long Flower Store has discontinued its store in this city.

NEW CASTLE, N. H.—Eaton's Greenhouses have been purchased by C. W. Lefebvre.

HICKSVILLE, O.—Charles Seibert is erecting a new greenhouse on Defiance avenue.

TORONTO, ONT.—The Butland Flower Store has been opened on Roncesvalles avenue.

BERWYN, MD.—Henry Lavelle is adding a house, 40 by 100 feet, to his range.

DAVENPORT, IA.—A new conservatory is to be erected at St. Ambrose College.

BARTLETT, TEX.—The Woman's Club will hold a flower show in November.

PENNSBURG, PA.—O. C. Trumbore is making an addition to his range.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last address.]

October 26-27, Lenox, Mass.—Grand fall exhibition, Lenox Horticultural Society, Town hall, John Carman, Lenox, secretary.

October 28-29, Madison, N. J.—Annual flower show, Morris County Gardeners' and Florists' Society, Assembly hall, Edward Reagan, secretary, Morristown, N. J.

October 27-28, Red Bank, N. J.—Annual flower show, Monmouth County Horticultural Society, H. A. Kettel, secretary, Fair Haven, N. J.

October 28-29, Poughkeepsie, N. Y.—Annual flower show, Dutchess County Horticultural Society, N. Harold Cottam, secretary, Wappingers Falls, N. Y.

October 28-29, Glen Cove, N. Y.—Fall exhibition, Nassau County Horticultural Society, Pembroke hall, Harry Jones, secretary, Box 197, Glen Cove.

October 28-30, Pasadena, Calif.—Annual fall flower show, Pasadena Horticultural Society, Central park, Geo. H. Kennedy, secretary, 497 Bradford street, Pasadena.

October 29-31, Menlo Park, Calif.—Annual fall flower show, Menlo Park Horticultural Society, Public School building, P. Ellings, secretary, Menlo Park.

October 29-31, Mt. Kisco, N. Y.—Fall show, North Westchester Co. Horticultural and Agricultural Society, Civic hall, Matthew J. O'Brien, secretary, Mount Kisco.

November 2, Oyster Bay, L. I., N. Y.—Chrysanthemum show of the Oyster Bay Horticultural Society, Andrew R. Kennedy, secretary, Westbury, L. I.

November 3-4, New London, Conn.—Chrysanthemum, fruit and vegetable show, New London Horticultural Society, City hall, John Humphrey, secretary, New London.

November 3-5, New York.—Exhibition of flowers, plants, fruits and vegetables, American Institute of New York, 25-33 West Thirty-ninth street, W. A. Eggleston, secretary board of managers, 324 West Twenty-third street, New York.

November 3-5, Tarrytown, N. Y.—Exhibition of the Tarrytown Horticultural Society, Mulc hall, Edward W. Neubrand, secretary, Tarrytown.

November 3-4, Holyoke, Mass.—Annual flower show, Holyoke and Northampton Florists' and Gardeners' Club, Windsor hall, James Whiting, secretary, French hall, M. A. C., Amherst, Mass.

November 4-5, Worcester, Mass.—Chrysanthemum exhibition, Worcester County Horticultural Society, Horticultural hall, L. C. Midgley, secretary, 18 Front street, Worcester.

November 4-6, Syracuse, N. Y.—Chrysanthemum show, L. E. Mulhauser, secretary.

November 4-7, Boston, Mass.—Autumn exhibition of plants, flowers, fruits and vegetables, Massachusetts Horticultural Society, Horticultural hall, Wm. P. Rich, secretary, 300 Massachusetts avenue, Boston.

November 4-7, New York.—Annual fall show, Horticultural Society of New York, American Museum of Natural History, George V. Nash, secretary, N. Y. Botanical Garden, Bronx Park, New York.

November 5-6, Stamford, Conn.—Annual exhibition, Westchester & Fairfield Horticultural Society, J. B. McArdle, Greenwich, Conn., secretary; Henry Wild, Riverside, Conn., exhibition manager.

November 9-12, Philadelphia, Pa.—Chrysanthemum show, Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust, David Rust, secretary.

November 9-14, Chicago.—Chicago Grand Floral Festival, Horticultural Society and the Chicago Florists' Club, Coliseum, N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

November 10-14, Cleveland, O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum, Frank A. Friedley, secretary, Exhibition Committee, 356 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel, Ernest K. Thomas, secretary, Box 180, Kingston, R. I.

November 10-14, Cleveland, O.—Fall exhibition and meeting, American Rose Society in connection with the Cleveland Flower Show, Coliseum, W. G. Bate, chairman fall exhibition committee, Newton Falls, O.

November 15-20, Baltimore, Md.—Maryland Week exhibition, Maryland State Horticultural Society, Fifth Regiment Armory, Thomas B. Symons, secretary, College Park, Md.

November 17-20, Houston, Tex.—Texas state flower show, Texas State Florists' Association and Houston Florists' Club, R. C. Kerr, general chairman, Houston.

January —, 1916, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society, A. F. J. Baur, secretary, Thirtieth and Rockwood avenue, Indianapolis, Ind.

March 25-April 2, Philadelphia, Pa.—Fourth National Flower Show, under the auspices of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE price of lead in 1906 averaged 5.7 cents per pound; in 1914, 3.9 cents, and at the present time it is about 5.8 cents, hence the advance of tin foil.

OCTOBER weather has been favorable for digging and handling outdoor stock, but all growers and nurserymen should remember that we are nearing the date when all such operations are attended with freezing risks and will do well to provide nightly against damage from stiff frosts and arrange for warm refrigerator cars for transportation.

Personal.

Frederic William Taylor, Denver, Colo., former chief of agriculture of the Philippine Islands, passed through Chicago for the east, October 18. Mr. Taylor is now interested in irrigation problems of the great west.

BRILLIANT STAR is said to be a good red forcing tulip for Christmas bloom.

THE Philadelphia North American of October 18 gives an interesting account of Anton Wintzer, of the firm of Conard & Jones Co., West Grove, Pa., and his work among cannas, with illustrations and portrait.

Azaleas Arrive.

The steamers Ryndam and Oosterdyke, arriving at New York October 17 and 18 respectively, brought large quantities of azaleas and other Belgian plants. The Holland shipments are also coming forward in large volume.

Gladiolus Society of Ohio.

An adjourned meeting of the above society will be held at Cleveland, O., Friday, November 12, in connection with the Cleveland flower show. Election of officers, naming of time and place of the next exhibition of the society and other matters of importance are to be disposed of at this meeting and every member is urged to be present.

WILBUR A. CHRISTY, Sec'y-Treas.

Chrysanthemum Society of America.

REPORTS OF COMMITTEES.

New York, October 16.—Alice Day, white, Japanese incurved, scored 87 points commercial; exhibited by Chas. H. Totty, Madison, N. J.

Cincinnati, O., October 16.—Early Rose, rose pink, Japanese incurved, scored 87 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Philadelphia, Pa., October 16.—No. 1, 1913, yellow (Halliday x Appleton) Japanese incurved, scored 90 points commercial and 89 points exhibition; exhibited by G. A. Lotze, Glen Burnie, Md.

C. W. JOHNSON, Sec'y.

Father Schoener Burned Out.

To My Fellow-Florists:

Will not our fellow florists give a helping hand to a deserving fellow craftsman, who has met with an overwhelming calamity, whose work of a lifetime has been wiped out in a single night, and he left penniless?

Rose growers know Father Schoener as an indefatigable hybridizer, whose collection numbered species from every continent, and who has produced as high as 120,000 hybridized rose seeds in one season. The subjoined from Father Schoener tells the pitiful story.

Send your contributions to S. S. Pennock, president of the American Rose Society, 1618 Ludlow street, Philadelphia, Pa., who will acknowledge and forward same. May your response be prompt. Thank you.

ROBERT PYLE.

Brooks, Oregon, Oct. 10, 1915.

My Dear Mr. Pyle:

I have to let you know the terrible news that my house, church, plants and roses burned last night, October 9. I am penniless. I do not know what to do for the present. I had just cut the last seedlings to send to you. Would there be any way to interest the people in my behalf? I ask this consideration to enable me to go on with my work. All that I had is gone; a value of about \$10,000 is lost. Mr.

sent me a check for \$5, but it also burned. He was in company with the governor of Pennsylvania on his trip west. Could not some newspapers take up the matter to come to my rescue?

I will be ever thankful for any kind of help in this terrible affliction.

FATHER SCHOENER.

Ontario Exhibition Deferred.

The directors of the Ontario Horticultural Exhibition, at a largely attended meeting in September decided to defer the fall show usually held in November owing to abnormal conditions still existing in Ontario due to the war. All buildings on the exhibition grounds are occupied by troops in training, and no other suitable location is available in Toronto. Aside from this the risk of putting a great deal of work and expense into the show at this time would be great, as the gate receipts might not justify the hazard, and a grant will be therefore given the Red Cross Society from funds in the hands of the treasurer.

Ft. Smith Flower Show.

George Rye, the well known Plaza florist, of Ft. Smith, Ark., has been appointed manager of the flower show to be held in that city, November 5-6, in the interest of local charities and solicits exhibits from growers and others. Mr. Rye is an enthusiastic worker in the cause of floriculture and deserves the support of the trade in his efforts to increase the popularity of flowers. Express charges will be paid on exhibits of cut flowers. For further particulars address George Rye, The Plaza, Ft. Smith, Ark.

New York Happy.

George M. Reynolds, president of the Continental and Commercial Trust & Savings Bank, Chicago, who recently returned from New York, says he has not seen business interests there in such a happy mood for years. Stock market activity has caused this change. Although banking interests feel that so-called war specialties are encroaching on dangerous ground, they still accept them with other more stable collateral in making loans, but with greater discrimination.

Hort. Society at Purdue University.

Plans are being made for the organization of a new society for juniors and seniors in the horticultural department of Purdue University, Lafayette, Ind., to be known as the Horticultural Society. During the year it is planned to have nearby or visiting horticulturists address the society on topics that will be of interest to the members. A large increase in the horticultural department following the erection of the new horticultural building has resulted in the reorganization.

Lily of the Valley Pips.

Some time ago it was reported that German lily of the valley growers had received instructions from their government to plow up two-thirds of the lily of the valley fields and use the land for food crops. From a reliable source we now learn that such government orders are not known to lily of the valley growers there.

Florists' Telegraph Delivery.

A meeting of the Florists' Telegraph Delivery will be held at the Hotel Statler, Cleveland, Ohio, Thursday, November 11, at 9 a. m.

ALBERT POCHELON, Sec'y.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv. For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By an all around greenhouse man. Experienced, capable. Address Key 549, care American Florist.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—Good all around storeman. Can furnish best of references. For further particulars, address Key 554, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in bothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By experienced saleslady and all around helper; can bring some business. Loop preferred. Address Key 550, care American Florist, or Phone Drexel 1292.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Experienced saleslady and designer desires a position in a Chicago retail store. Can furnish best of references. For further particulars address Key 544, care American Florist.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORION, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-around helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Young English lady who has had much experience in London flower shops, is desirous of securing a situation in a Chicago loop store; can come well recommended. For further particulars address Key 571, care American Florist.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist.

Help Wanted—Experienced saleslady for a north side Chicago retail store. Must speak German and be able to handle high class trade. Key 572, care American Florist.

Help Wanted—Experienced florists wanted for cut flower departments; no plantmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

For Sale—Five to nine acres of land cheap. Rare opportunity for florist. Address Box 51, San Antonio, Fla.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist greenhouse business; good seven room house; 1/4 acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—First class flower store; good location; doing good business. Penna. city of 80,000. Price reasonable; account ill health. Address Key 573, care American Florist.

For Sale—Completely stocked greenhouse, 35,000 ft. of glass, Penna. city of 80,000. Best location, near cemetery, doing good retail business. Price reasonable; owner in poor health. Address Key 574, care American Florist.

For Sale—14,000 feet of glass, 2 3/4 acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to. A. W. MEYER, South Holland, Ills.

For Sale—Fine \$250.00 retail florists' refrigerator for \$150.00 cash. Reason for selling, owner wants to install larger one of same make. Used only six months. Now in use in Chicago retail store, where same can be inspected. For further particulars, address Key 566, care American Florist.

For Sale—On account of death of my husband, have 4 greenhouses and dwellings for sale or rent. Splendid location, established 28 years, doing fine business; whatever is in stock given gratis. For particulars call or write. MRS. THERESA VALOM, 838 31st Street, Milwaukee, Wis.

For Sale—My retail florist business, located in the heart of Brooklyn, New York. It is a fine neighborhood and for fourteen years I have had a prosperous business. My reasons for selling are, that I have other interests that demand my attention. I have a new auto delivery car that the buyer of the business can secure at a reasonable price. For terms address, JOHN STOKES, 413 Gates Avenue, Brooklyn, New York.

For Sale or Lease—Modern greenhouses recently built containing 25,000 square feet of glass, good stock. City has 25,000 population to draw from. Address Key 556, care American Florist.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

For Lease or Sale—My new greenhouse, 20x120 and 2 acres of best land, 4 room house, furnished. Greenhouse planted to late hort roses; cutting good ones. Ready market. Will rent cheap to a rose grower for a year. Here is your chance to try a year on the coast. Can do business from your first day in possession. To a good man I will give a good chance. Get busy. S. L. HARPER, Florist, 9021 Pacific Ave., Tacoma, Wash.

Help Wanted

Foreman for large commercial place in middle west. Must be expert rose grower. State full particulars in first letter.

Key XXX, care American Florist.

Boiler For Sale.

Fire box steam boiler 48x12 in good condition, cost \$450 when new, but will sacrifice cheap if taken at once. F. O. B. Chicago

Key 569, care American Florist.

OFFICIAL S. A. F. Shipping Labels. Fresh Flowers. Actual size of leaf 2 3/4 x 5 1/4 inches. FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order. AMERICAN FLORIST CO. 440 S. Dearborn St., CHICAGO.

The Trade Directory FLORISTS, SEEDSMEN AND NURSERYMEN OF THE United States and Canada Latest Edition Issued July, 1915. Price: \$3.00, postpaid AMERICAN FLORIST CO. 440 S. Dearborn St., CHICAGO You need it now for names and addresses.

Detroit.

SUPPLY EXTREMELY LIMITED.

Never before has this market experienced such a shortage of flowers as at present. Even in midwinter or Christmas holidays of years in the past, available flowers were far more plentiful than now, and singularly the same conditions seem to prevail in the east and middle west as those markets were appealed to during the past week, but to no avail. Accordingly the prices on all items were and are yet very high and the margin of profit to the retailer is small indeed. Chrysanthemums were never so late maturing and the few that are coming in could well remain uncut for many days and be improved thereby. Carnations are small, short-stemmed and unattractive and yet they find a ready sale at prices really excessive. The quality of the roses coming in is splendid for the season, but their numbers are wholly inadequate. To add to the trying situation, lilies that have been a glut all summer and fall, are now also scarce and the few to be had are high priced.

CLUB MEETING.

The club meeting Tuesday evening, October 12, was well attended and the proceedings most interesting. Acting on THE AMERICAN FLORIST suggestion, the club addressed a letter to Secretary Redfield of the bureau of foreign and domestic commerce, Washington, D. C., urging him to include bulbs, roots, greenhouse plants and nursery stock in the impending bill, making it a legal offense to deal in articles "dumped" on this market by foreign countries. It developed at the meeting that a large party will attend the Cleveland flower show from here next month. A special car will be chartered, probably, for the purpose. Michael Constantine, having a flower stand in the Majestic building, was elected to membership in the club. President Frank Danzer is indefatigable in his efforts to make the club proceedings highly interesting the coming season and all his committees are working hard to that end.

SPECIAL CLUB MEETING.

At a special meeting of the florists' club, October 18, Elmer D. Smith & Co., Adrian, Mich., displayed four of their chrysanthemum novelties, among them being Golden Queen, a clear yellow, and Crystal Gem, a pure white, both very large fine flowers, eliciting much praise from those present. These varieties were disseminated last spring. The other sorts shown were Niza, an early pink pompon, and Early Rose, a large pink variety of the A. J. Balfour type. These latter varieties will be sent out in 1916. Elmer D. Smith was present at the meeting and was the target for many questions fired at him by growers. He stated that chrysanthemums this year, due to the cloudy and rainy season, made such a continuous growth that the blooms will be much delayed, and those intended for the fall exhibitions might be too late in developing to be seen at their best.

NOTES.

A. Miller, of A. Henderson & Co., Chicago, gave a wild duck dinner, October 9, to a few of his many friends in this city. The party consisted of Philip Breitmeyer, Harry Breitmeyer, Walter Taepke, Robt. Rahaley and J. F. Sullivan. The game came from Albert Lea, Minn., and was forwarded to Mr. Miller by his friend, G. A. Clausen.

Gus H. Taepke's store on Gratiot avenue has, during the past few weeks, undergone a great transformation. Two large show windows and the displacing of the regulation counters and the adoption of separate tables for display

OF INTEREST TO ALL

Wholesale and Retail Florists, and Commercial and Private Growers

THE complete list of live manufacturers and dealers in every supply and equipment needed in the greenhouse and florist shop, large or small, who are planning to place some interesting exhibits in the

CLEVELAND FLOWER SHOW,

will be published next week.

These sixty or more firms will all extend an invitation to you to come to **CLEVELAND, NOVEMBER 10th to 14th**, to see them.



Hunting in Minnesota.

A. Miller, Chicago; G. A. Clausen, Albert Lea.

are noticeable features of the improvements.

A. J. Stahelin, Redford, Mich., is bringing in a heavy cut of fine roses from his new rose house. He is pleased with the remunerative prices realized.

Sidney Tinkler, Mt. Clemens, Mich., suffered considerable damage to his chimney by lightning recently. His carnations are looking fine and he expects a good cut the coming season.

Fred Breitmeyer's new sport of Rose Ophelia is very promising and maintains the beautiful clear pink shown in the first flowers seen of it. He will disseminate the novelty next spring.

It is reported that many of the Holland bulbs are arriving in poor condition. Beard Bros. received a consignment that was seriously damaged.

E. A. Feters' new store on Woodward avenue near Pallister, is fast nearing completion and will soon be equipped for the season's business.

John Breitmeyer's branch store near the Hotel Statler is showing some unique window decorations. Harry Taylor is the genius here.

A. Pochelon never neglects an opportunity to boost the good work being done by the Florists' Telegraph Delivery Association.

The L. Bomb Floral Co. is displaying a large stock of bulbs for fall planting and report a good call in this line. J. F. S.

Detroit Bowling.

At the semi-monthly meeting of the Detroit Florists' Club, held October 12, the bowling tournament, recently inaugurated as a feature in connection with the meetings, resulted in the following scores:

	1st	2nd	3rd	4th
Ernest Sullivan	136	156	172	...
J. K. Stock	107	157	176	135
Norman Sullivan	161	208	164	...
E. A. Feters	131	134	133	128
A. Pochelon	130	98	92	100
Robt. Rahaley	133	176	158	145
John Klang	125	141	123	...
Fred Fautke	152	181	141	...
A. J. Stahelin	122	144	132	...
J. J. De Carteret	131	131	118	...
M. Constantine	90	128	124	...
Henry Forster	100	160	115	119
J. F. McHugh	165	140	204	108
John Roland	76	86	100	...
R. Jean	92	108	124	...
Arthur Shields	63	109	66	...
M. Bloy	174	180	151	161
Theo. Mitchell	53	65	75	...
R. Wells	104	107	93	...
J. F. Sullivan	129	173	119	...
Henry Rahaley	74	75	94	...
Fred Miesel	122	87	64	...
Frank Holzogle	144	160	...	...
John Warncke	...	94	117	145
Duane Kent	...	108	143	139
Ed Moss	...	135	112	...

These 8-inch Boston Ferns will sell very fast

Because they are a great value for you—and a still greater value for your customers if you will take advantage of this offer.

Read this newspaper advertisement. Study it. Would not this ad look good in your local newspapers now—with YOUR name attached to it? Certainly it would give you prestige, and by showing your customers a big value it would pave the way for many future sales of cut flowers and plants.



Here is how you can sell

\$2.50 Ferns at \$1.50 and still make 50 per cent profit

We will sell you the Boston Ferns, just as described in the retail ad above, for only \$1.00 each, with an allowance of 10% off to cover the freight. If your order is for 12 Ferns or more, we will furnish you with an electrotpe of the retail ad free.

6-INCH BOSTON FERNS

We also have a very fine stock of Ferns in this size, which will also be a good seller.

The price is only 35c each, and with every order for 25 or more we will furnish a newspaper cut free.

Think it over quick. You can sell a big quantity of these 6-inch and 8-inch Boston Ferns this fall. So let us have your order today by

WIRE, PHONE OR MAIL

THE GEO. WITTBOLD CO.,

739 Buckingham Place,

CHICAGO

Special Sale of Boston Ferns



A regular
\$2.50 value
for only
\$1.50

These plants are of the finest quality—luxuriant,
hardy and well established

Why not take advantage of this opportunity to secure
such a remarkable value in a plant that will give months
of pleasure in your home?

**SINCE OUR STOCK IS LIMITED, BE
SURE to PLACE your ORDER at ONCE**

YOUR NAME IN THIS SPACE

POEHLMAN

72-74 E. Randolph St.,

'Mums - Pompons - Cattleya

GARDENIAS--VALLEY--HARRISII

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$5.00
36 in.....	4.00
30 in.....	3.00
24 in.....	2.50
20 in.....	2.00
18 in.....	1.50
Short.....	\$0.75 to 1.50

Mrs. Chas. Russell

	Per 100
Specials.....	\$20.00
Long.....	15.00
Medium.....	\$8.00, to 12.00
Short.....	4.00 to 6.00

Hoosier Beauty		Per 100
HADLEY	Special..	\$12 00
OPHELIA	Long....	10.00
SUNBURST	Med....	\$6.0 to 8.00
MILADY	Short...	4.00

RICHMOND		Per 100
BULGARIA	Specials.....	\$12.00
AARON WARD	Long.....	\$8.00 to 10.00
KILLARNEY	Medium..	6.00
WHITE KILLARNEY	Short....	4.00
KILLARNEY QUEEN		
" BRILLIANT		

MINIATURE ROSES

CECILE BRUNNER , also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR , yellow.....	per 100, 2.00
FIREFLAME , pink.....	per 100, 3.00

MISCELLANEOUS

	Per 100
Pompons.....per bunch, 75c to \$1.00	
Snapdragon	\$4.00 to \$6.00
Smilax ,.....doz.	\$2.00
Plumosus and Sprengeri	2 00 to 3.00
Adiantum	1.00
Galax , green and brown...1000,	\$1.25 .15
Lencothoe.....	.75
Mexican Ivy.....per 1000,	\$6.00 .75
Ferns , new crop.....per 1000,	2.00 .25
Boxwood.....per bunch, 85c; box,	\$7.50
We have the best Boxwood ever shipped into this market.	

ORCHIDS

Cattleyas	\$6.00
White Dendrobiums	
Yellow Oncidium s.....per 100	
Gardenias.....per doz	

CHRYSANTHEMUM

	Pink-White-Yellow
Extra large	
Large	
Medium	2.00
Small	1.00
Bunch 'Mums....bunch,	1.00

EASTER LILIES

Per 100	
LILY OF THE VALLEY	
Fancy , per 100.....	
2nd	\$3.00

CARNATIONS

All colors , best, per 100.....	
Medium , per 100.....	

WILD SMILAX

Per case	
-----------------------	--

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia s



READY MADE WREATHS

For ALL SAINTS' DAY

Six for \$5 00

Six assorted 18-inch wreaths of Magnolia leaves, artistically decorated with Roses, Statice and Cycas leaves; six for \$5.00. Order early.

RED RUSCUS

EE Quality, per lb., 75c.

Beautiful and lustrous wreaths made of our Ruscus now, will last in good condition indefinitely.

50 ASSORTED TUMBLER BASKETS

(two-toned), with Liners, \$10.00

N BROS. CO.

Distance Phone,
Randolph 35. CHICAGO, ILL.

ALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Forsteriana

Single Plants		Each
6 inch pots, 5 to 6 leaves,	28 to 30 in. high	1.00
6 inch pots, 6 to 7 leaves,	34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves,	38 to 42 in. high	2.00
6 inch pots, 6 to 7 leaves,	44 to 46 in. high	2.25
8 inch tubs, 6 to 7 leaves,	50 to 54 in. high	5.00
8 inch tuba, 6 to 7 leaves,	5 t. high	6.00
10 inch tubs, 6 to 7 leaves, 5 to 5½ ft. high,	heavy	8.00
10 inch tubs, 6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants		Each
7 inch pots, 3 plants in a pot,	28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub,	38 to 40 in. high	3.00
8 inch tuba, 4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub,	50 in. high	5.00
8-inch tubs, 4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants,
\$15.00, \$18.00 and \$25.00 each.

Kentia Belmoreana

Single Plants		Each
4 inch pots, 5 to 6 leaves,	18 in. high	\$0.40
\$4.50 per dozen.		
6 inch pots, 6 to 7 leaves,	24 in. high	1.00
6 inch pots, 6 to 7 leaves,	28 to 30 in. high	1.50
7 inch pots, 6 to 7 leaves,	36 in. high	3.00
8 inch tubs, 6 to 7 leaves,	38 in. high	3.50
inch tuba, 6 to 7 leaves,	48 in. high	5.00
8 inch tuba, 6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.		

Phoenix Roebelenii

		Each
5 inch pots.....		\$1.00
7 inch pots, 22 in. high, 30 to 32 in. spread.....		2.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....		2.50
8 inch tubs, grand specimens.....		3.50
10 inch tubs, grand specimens.....	5.00 to	7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50

Kentia Belmoreana

Made-up Plants

3 plants in a pot	24 in. high	\$1.50
3 plants in a pot	38 in. high	3.50
Specimens, very heavy, \$10.00 to \$12.00.		

Quality Plants

CROTONS.

Very Fine Colored Stock	Each	100
.....	\$.50	\$45.00
.....	.75	70.00
.....	\$1.00 to	1.50

ARAUCARIA EXCELSA

	Each
3 to 4 tiers.....	\$0.75
4 tiers.....	1.00
4 to 5 tiers.....	1.25
5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

	Each
2 to 3 tiers.....	\$1.00
3 tiers.....	1.50
3 to 4 tiers.....	2.00
5 to 6 tiers.....	\$4.00 to 5.00

CLAMEN. Best German Strain.

.....	\$ 8.00 per 100
-------	-----------------

PANDANUS VEITCHII.

Highly Colored Stock

	Each	100
4 inch pot.....	\$0.35	\$30.00
5-inch pot.....	.50	45.00
6-inch pot.....	.75	.....

ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

CHRYSANTHEMUM POT PLANTS

Ready Now

5½ and 6-inch pots.....	.40c, 50c and 60c each
7-inch.....	.75c, \$1.00, \$1.25, \$1.50 and up

CYPERUS ALTERNIFOLIUS.

Umbrella Plant

4-inch pot.....	\$8.00 per 100
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FERNS.

Boston, Roosevelt and Whitmanii

Each		100	Each
6-inch pot... \$0.50	\$45.00	10 inch pot.. \$2.00 to \$2.50	
7-inch pot.... .75	.....	12 inch pot.. 3.00 to 3.50	
8-inch pot.... 1.00			

CHRYSANTHEMUMS

Large Quantities Grown Especially for All Saints' Day.

NOW READY—Extra large Yellow, White and Pink, very fancy, \$3.00 and \$4.00 per doz. Good sized, \$2.00 per dozen; Small Yellow and White Sprays, per bunch, 50 cents.

LARGE CUTS OF ROSES

Beauties-Russell-Ophelia-Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36 in. stems.....		\$ 2.50 to 3.00
24 in. stems, New Beauties.....		2.00
18 in. stems.....		1.50
Shorter lengths.....	per 100,	\$6.00 to \$8.00

Russell		Per 100
Specials.....		\$12.00 to \$15.00
Extra long.....		10.00
Good medium.....		6.00 to 8.00
Short.....		4.00

Sunburst, Ophelia, Rhea Reid, Bulgare and Shawyer		Per 100
Special.....		\$10.00
Long.....		8.00
Medium.....		5.00 to 6.00
Short.....		4.00

Killarney Brilliant, White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$8.00
Medium.....		\$5.00 to 6.00
Short.....		4.00
Cecile Brunner.....	per bunch,	50c

CARNATIONS.

Pink, White, Red (indoor).....	3.00 to \$4.00
Choice EASTER LILIES	\$1.50 per doz.
LILY OF THE VALLEY	4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGER	3.00
FERNS ,.....	1000, \$2.00
GALAX , bronze and green.....	per 1000, \$1.25 to \$1.50

CHRYSANTHEMUMS—Yellow, White and Pink, large..... \$3.00 to \$4.00 per dozen
 Yellow and White, good medium..... 2.00 per dozen
 Small Yellow and White in sprays, per bunch..... 50 cents

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

STOCK IS A TRIFLE MORE PLENTIFUL. Business has been very good the last week as far as the wholesale florists are concerned and the sales so far this month in actual dollars and cents are in general about 25 per cent ahead of those of the corresponding month last year. Stock has been very scarce the past week and it was impossible to fill all the orders that were received. Prices have been rather high and carnations easily brought \$3.00 and \$4.00 per 100 in the fancy grades and cleaned up quickly at those figures. While stock is cleaning up well each day it is a trifle more plentiful, especially as far as chrysanthemums are concerned, and it appears as if the market is beginning to weaken. Pompons have made their appearance in larger supply but are in good demand. New York violets are arriving in good supply and some very choice stock is obtainable in this line. Sweet peas and lily of the valley clean up at an early hour but orchids are not selling any too well. Lilies are none too plentiful. A few pansies, daisies and snapdragons are included in the daily shipments now but this stock is in good demand and there is no surplus in these line. American Beauty roses of fine quality are reaching the market but clean up well each day at good prices. Roses in general are of fine quality, and, taken all in all, they have been cut rather tight and cleaned up almost as quickly as they reached the market. The shipping trade has been holding up well and the local demand the past week has been principally for stock for weddings, funerals and store openings. Considerable wild smilax and boxwood are being offered and green goods in general seem to be in good supply. A few gladioli and asters are still seen

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

Any Quantity—Best and Cheapest

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

'MUMS FOR ALL SAINTS' DAY

WHITE—PINK—YELLOW

Pompons-Roses-Carnations-Greens-Etc.

O. A. TONNER,

30 East Randolph Street, CHICAGO.

but do not cut any figure in the market, although at times during the past week they came in handy when no other stock was obtainable. The retail florists are making magnificent displays in their stores and nearly everyone is looking forward toward an unusually brisk season. The supply houses are busy filling orders and the wholesale plantmen are enjoying a brisk shipping trade.

NOTES.

S. Freund has resigned his position with the Morris Paper Mills and will

devote his entire time to managing the greenhouses of the National Plant & Flower Co., which his firm purchased from C. V. Abeele, 1249 West Sixty-first street, several weeks ago.

C. W. Johnson left for the Panama-Pacific exposition, San Francisco, Calif., October 16, where he will officiate as juror at the chrysanthemum show, to be held there October 21-26.

Chas. W. McKellar's right-hand man, Frank Ayres, is laid up this week with carbuncles.

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

'Mums-Roses-Carnations

For All Saints' Day we will have a large supply of White, Pink and Yellow Chrysanthemums in all the seasonable varieties. Order here.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$4 00
48-inch stems.....	3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

	Per 100
Richmond.....	
Killarney.....	
White Killarney ..	Extra select..... \$8 00 to \$1000
Killarney Brilliant	Select..... 6 00
My Maryland.....	Medium..... 5 00
Sunburst.....	Short..... \$3 00 to 4 00
Milady.....	
Ophelia.....	

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50 to \$2 00
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection.....

Per 100
\$3.00

Carnations.....	3.00 to 4.00
Chrysanthemums.....doz., \$2.00 to \$3.00	
Harrisil.....	10 00 to 12 50
Valley.....	4 00
Adiantum.....	1 00
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$2 50
Leucothoe..... per 100.....	\$1.00

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

ROSES

Mrs. Chas. Russell—	Per 100
Good.....	\$6.00 \$8.00 \$10.00
Extra Fancy....	\$12.00 \$15.00

Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—

Long.....	\$6.00 per 100
Medium.....	5.00 per 100
Short.....	4.00 per 100

Specials billed accordingly.

Carnations.....\$2.50 to \$3.00 per 100

Chrysanthemums for All Saints' Day.

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.

Lilies.....\$10.00 to \$12.50 per 100

Lily of the Valley..... 4.00 per 100

Ferns..... 2.50 per 1000

Order here and get satisfaction

THREE THROUGH SLEEPERS

CHICAGO TO THE SOUTHWEST.

The Wabash Road operates a daily through sleeper, Chicago to Hot Springs, one to Houston and one to El Paso, Texas. Write for folder giving full details. Wabash Ticket Office, 68 W. Adams St.

Kyle & Foerster are handling a large supply of fancy orchids in addition to their regular line of stock.

The retail florists will be well represented at the Grand Floral Festival, to be held in the Coliseum, November 9-14, in the trade exhibits and those who have already contracted for space are: O. J. Friedman, 132 square feet; W. H. Kidwell & Son, 180 square feet; George Wittbold Co., 180 square feet; Schiller, the Florist, 180 square feet, and the Ernst Wienhoeber Co., 210 square feet. Many others have also signified their intention of making an exhibit and there is no question but what the retail florists will occupy more space at this show than they

have on any previous occasion, and that every square foot of floor space set aside for them will be sold long before the doors open. Each exhibitor will receive an admission ticket good for the opening day for every square foot of space contracted for, which, as one retail florist says, "brings the actual cost of the space, down to a nickel a square foot."

E. C. Pruner started out on another business trip for Pochmann Bros. Co. this week and will attend the Houston flower show, at Houston, Tex., November 17-20.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, CHICAGO
Randolph 2081. BEAUTIES-ROSES-CARNATIONS

Peter Reinberg has had an unusually busy month and Felix Reichling says that the total sales up to October 14 were greater than the total sales for the entire month of October last year. Roses are in better crop with them now and some especially fine Mrs. Chas. Russell are now reaching the store. Emil Reichling, superintendent of the Reinberg greenhouses, is making preparations to make a number of entries in the competitive classes at the coming fall show, which promises to be one of the best ever held in this city.

A. Miller, with A. Henderson & Co., has returned from Detroit, Mich., where he entertained a number of his friends with a duck dinner at the Harmony Club one day last week. He had such good luck on his hunting trip and bagged so many ducks that he decided to surprise the Detroit boys with a feast and succeeded in doing so to a queen's taste. Those present at the spread were Albert Pochelon, Philip Breitmeyer, Harry Breitmeyer, J. F. Sullivan, E. A. Fetters and Robert Rahaley.

C. G. Anderson, manager of the Minneapolis Greenhouses, Minneapolis, Minn., was in the city this week on business. Mr. Anderson and wife will attend the Grand Floral Festival in the Coliseum next month and from present indications it appears as if a great number of other florists from the Twin Cities will do likewise. His son George is now with the International Harvester Co. at the Minneapolis office.

O. J. Friedman will make a number of changes at his store on Michigan avenue, among which will be the enlargement of his refrigerator and the adding of a new ribbon case. A splendid line of new ribbons has just been added and Victor Bergman will have something unusually fine in this line to show his customers at their retail booth during the Grand Floral Festival to be held in the Coliseum, November 9-14.

W. P. Ward, representing the D. Hill Nursery Co., Inc., Dundee, is calling on the local trade and nearly everywhere one goes he finds some of Hill's hardy evergreens on display now. The D. Hill Nursery Co. will have a large exhibit at the Grand Floral Festival, to be held in the Coliseum, November 9-14, and have contracted for 320 square feet of floor space.

Miss Gertrude Arnold and Robert Brenth were married at Des Plaines Saturday, October 16, and have the best wishes of their many friends for a successful voyage on the sea of matrimony. The bride is a daughter of Henry Arnold, the well known florist, and has been in the employ of Joseph L. Raske, 170 West Jackson boulevard, for many years.

Buchbinder Bros., 518 Milwaukee avenue, has just sold a complete store outfit to George Valker, of Minot, N. D., and a refrigerator to each of the following concerns: Shotwell Floral Co., Fargo, N. D.; Deakin & Martin, Helena, Mont.; Minnehaha Floral Co., Sioux Falls, S. D., and the West Side Greenhouses, Great Falls, Mont.

G. R. Shearer, who has been with the Jones-Russell Co., at Cleveland O.,

WARD ROSES

\$3.00 to \$10.00 per 100.

Try a sample shipment of 100 or more today. You will not be disappointed for they are of unusually fine color and the stems and foliage are all that can be desired

	Per 100	Per 100	
Milady	\$4.00 to \$15.00	Killarney	\$3.00 to \$10.00
Killarney's Brillia't	3.00 to 10.00	White Killarney	3.00 to 10.00
Ophelia	3.00 to 10.00	Cecile Brunner, bunch,	50c ea.

RUSSELL—Finest Grown at \$4.00 to \$20.00 per 100.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

has accepted a position with the A. L. Randall Co. and will have full charge of the basket department. J. E. Quallich, who has charge of the plant department, was also formerly engaged in the florist business in Cleveland.

Fred Dietsch says that A. Dietsch Co.'s factory has been running overtime all summer up to October 18 and business in their line has been very satisfactory. This firm has added a Fargo truck to their delivery system, which enables them to get the material on the ground much quicker.

A. T. Pyfer & Co.'s shipments now include a good supply of pompons which are in good demand at the store. When the stock from V. Bezdek's range at Wilmette starts to come in right they will have something unusually fine in this line to offer their customers.

Wietor Bros. are starting to cut heavily in chrysanthemums, which is one of their leaders, and the shipments now include Chrysolora, Ramapo, Solomon Gold and Halliday. Carnations are arriving in good supply now and the quality is steadily improving.

The board of directors of the Chicago Flower Growers' Association held a meeting at the Michigan avenue store Tuesday, October 19. They are making preparations to move and expect to occupy their new home in the Le Moyne building by November 1.

Mr. and Mrs. S. Brenstock announce the engagement of their daughter Hortense to Sidney Buchbinder. Mr. Buchbinder is well known to the trade as the manager of the firm of Buchbinder Bros., manufacturers of florists' refrigerators.

Zech & Mann are now offering double violets in quantity, the first shipments arriving Monday, October 18. Allie Zech says that the shipping trade is keeping up fine and stock of all kinds continues to clean up well each day.

The Atlas Floral Co. decorated a large passenger automobile for the wet parade held last week and made a grand showing, considering the scarcity of stock and the material that they had to work with.

Frank Oechslein is planning on building a new home on West Jackson

boulevard in the near future on his property adjoining his greenhouses.

The opening of the new retail store of the Idlewild Greenhouses at Memphis, Tenn., this week called for a large supply of stock from this market.

Mrs. J. W. Turbeville, of the Flower Shop, Memphis, Tenn., who has been visiting here for several weeks with her son, left for home October 18.

Fuhrmann & Ronge have fixed up their establishment at 941 Wrightwood avenue in great shape and are now all set to handle the fall business.

C. B. Chase, 2205 South Michigan avenue, died Wednesday, October 13, an account of which appears in the obituary column this week.

Schiller, the Florist, has a large exhibit at the second annual Home Exposition, which opened at the Coliseum, Wednesday, October 20.

Wm. Lubliner has returned from Milwaukee, Wis., where his firm will open a new store in the near future at 222 Grand avenue.

Victor Young, who has been on the sick list for several days, is again on the job at Ronsley's store in the Westminster building.

Hoerber Bros. are in good crop with both roses and chrysanthemums, and fine stock in both lines is to be seen at their store.

A. I. Simmons, 242 West Sixty-third street, attended the Dunne-Corboy wedding at Springfield, Wednesday, October 20.

A. E. Hunt & Co., of Evanston, who dispose of their stock at D. E. Freres' wholesale store, cut their first daisies this week.

The E. F. Winterson Co. is receiving some very fancy chrysanthemums from the Mt. Greenwood Cemetery Association.

Joseph Ziska & Sons have just received a large shipment of doves, which are always a leader with them.

Adolph Malchow, 3745 North Clark street, is mailing a handsome 1916 calendar to all of his customers.

Philip L. McKee, of the John C. Moninger Co., has returned from a business trip to Lincoln.

Arthur Cowee's gladiolus fields were exploited at one of the local nickel theaters last week.

Mums for All Saints' Day

Tremendous supply of White, Pink and Yellow in all grades at reasonable prices, in addition to a complete line of all other seasonable Cut Flowers, besides a large quantity of Green Goods.

Vaughan's Current Price List

American Beauties	
	Per Doz.
Extra special (best).....	\$4.00
Special.....	3.00
30 to 36-inch stems.....	2.50
12 to 20 inch stems.....	1.50
Shorter stems, per 100, \$4.00 to	8.00

Russell	
	Per 100
Extra Special.....	\$15.00 to \$18.00
Special.....	10.00 to 12.00
Select.....	6.00 to 8.00
Short.....	4.00 to 5.00

Milady, Ophelia, Sunburst	
	Per 100
Special.....	\$10.00 to \$12.00
Select.....	6.00 to 8.00
Short.....	3.00 to 4.00

Killarney Brilliant, Ward	
	Per 100
Special.....	\$8.00 to \$10.00
Select.....	4.00 to 6.00
Short.....	3.00

Killarney, White Killarney, Richmond	
	Per 100
Special.....	\$8.00 to \$10.00
Select.....	4.00 to 6.00
Short.....	3.00

Cecile Brunner, Geo. Elgar	
Good Stock for corsage	Per 100
and table work.....	\$2.00

Carnations	
	Per 100
Fancy.....	\$4.00
Short.....	3.00

Chrysanthemums Per Doz.	
Yellow.....	\$2.00 to \$4.00
White.....	2.00 to 4.00

Orchids Per Doz.	
Cattleyas.....	\$5.00 to \$6.00

Miscellaneous Per 100	
Valley.....	\$ 3.00 to \$ 5.00
Lilies.....	10.00 to 12.50
Gardenias.....	2.00 to 3.00
Ferns...per 1000, \$2.00	
Galax.....	1.25
Leucothoe.....	.75
Adiantum.....	1.00
Plumosus, per bunch, 35c to 50c	
Sprengeri " " 25c to 50c	
Smilax, per doz.....	\$2.00
Wild Smilax, per case.....	5.00
Boxwood, per bunch.....	25c

Subject to market changes.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

Z M E A & N C N H N

HEAVY SUPPLY

CHRYSANTHEMUMS

ALL SAINTS' DAY

White ——— Pink ——— Yellow

Southern buyers can secure what stock they need from us for this occasion in any of the desired colors at prices that will invite attention. Order here and secure the best for the least money.

ROSES - BEAUTIES - LILIES
VALLEY - CARNATIONS - VIOLETS
POMPONS-GREENS OF ALL KINDS

30 E. Randolph St.,

L. D. Phones
Central } 3283
3284
Automatic, 42-965

Chicago

A. L. Vaughan & Co. report business during October unusually brisk, with the sales so far this month over 25 per cent ahead of those of the corresponding month last year. Boxwood has made its appearance at this establishment in large supply and is selling well. Mr. Vaughan has increased his force which enables him to visit his growers more often, which he considers is more in the nature of a vacation, for it gives him a chance to give his new auto a little exercise now and then.

Joe Bieber has had a crew of men busy all week hanging up banners for

the Grand Floral Festival to be held in the Coliseum, November 9-14, and is doing the work in the regular Barnum & Bailey circus style. He is managing to get them up where they will do the most good, and the way he decorated up the Atlas building, in which many of the wholesale florists are located, shows that there are tricks in all trades, for they can be easily seen from both the street and elevated trains.

Fred Longren, with Poehlmann Bros. Co., has returned from a business trip in the northwest with the report that many of the florists in that section will

attend the Grand Floral Festival to be held in the Coliseum, November 9-14. Mr. Longren is on the publicity committee and has done a great deal of missionary work while he was on the road.

F. W. Timme is at the German-American hospital. Mr. Timme is a civil war veteran and his greatest regret is that he was unable to attend the recent Washington 50-years-after celebration with the few scattered comrades who yet remain.

Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa., called on the trade here this week.

LOOK WHO'S HERE! Violets--Fragrant Home Grown Singles.

'MUMS--White-Yellow-Pink-'MUMS For All Saints' Day.

Hoosier Beauty--Russell--Ophelia--Sunburst--Double White Killarney
Killarney Brilliant--Killarney--Milady--Ward and Richmond Roses.

BEAUTIES, CARNATIONS in good supply-VALLEY--HARRISII--besides

ANYTHING AND EVERYTHING THE MARKET AFFORDS IN **CUT FLOWERS and GREENS**

☞ You can increase your profits and business by sending your orders to ☞

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

Miss Rosamond Fannie Garland and Robert William Schwass were married at the Congregational Church at Des Plaines last Thursday evening, October 14, at seven-thirty o'clock. A reception was held at the home of the bride's parents, Mr. and Mrs. Solomon Garland, about 300 guests being present. The home and reception hall were beautifully decorated for the occasion by the George Wittbold Co. and the affair was one of the greatest social events of the season in Desplaines. A large number of people in the trade were present at the wedding and reception, when the happy young couple were the recipients of many beautiful presents and received the best wishes of those in attendance for a pleasant and successful journey on their matrimonial voyage. Miss Marion Garland, a sister of the bride, acted as bridesmaid, and H. Van Gelder was best man.

Bassett & Washburn have had a very good shipping trade this week and stock of all kinds continued to clean up well each day. Pompons are becoming more plentiful and one variety in white that is attracting the attention of the buyers is that called Acto, which appears to be head and shoulders above the rest. This firm is now booking orders for cuttings of their new red seedling carnation, Belle Washburn, which is a most promising variety.

August Poehlmann celebrated his forty-sixth birthday anniversary October 21. John Poehlmann, who has been confined to the German hospital for the past week with an attack of appendicitis, is feeling much better and was taken home October 20. Mr. Poehlmann's many friends are pleased to hear that he is better and sincerely hope that he will soon be able to be about again.

Pretty little Marilynn Miller, of the Passing Show Company at the Garrick, tied up the traffic in busy Monroe street, October 19, when she dropped in at the Bohannon Floral Co., at 57 East Monroe street, to see the fall opening of flowers and birds. She picked out a canary in a small cage, which she wore on her wrist, and attracted so much attention that Bohannon has been receiving a lot of complimentary write-ups since.

Miss Margaret McNulty, who keeps the Peter Reinberg books, has a flower booth at the St. Jerome's church bazaar, which is helping considerably to make the affair a success. Among the florists who contributed stock for her booth were John Didier and Ed. Siebrecht, of the Rosery Flower Shop, North Clark street.

The Mangel opening in the Palmer House this week was a great success and kept Mr. Mangel and his able assistants, Miss Lewis, John Canger, Tony Rocca and N. Lempere busy showing the many visitors about. Mr. Lempere has charge of the conservatory, which is the only one of its kind in the loop.

Leonard Vaughan, of Vaughan's Seed Store, inspected the firm's product of gladioli at its Michigan bean farm, October 16, and says the forcing kinds in size and shape of bulbs have produced the finest crop the firm has ever harvested.

J. A. Budlong is in good crop with chrysanthemums and will have a good supply for their southern customers for All Saints' day. This firm will probably have an announcement to make next week which will be of interest to the trade.

Kennicott Bros. Co. is showing a fine line of stock, especially American Beauty roses. F. F. Bentley, who sells his stock at this establishment, is

showing some very fancy Mrs. George Sawyer roses.

The John Kruchten Co.'s plant department, which is in charge of Miss Agatha Greeley, is gradually building up a good business and new orders are arriving each day.

Percy Jones is featuring a large supply of chrysanthemums this week, the shipments of which are gradually increasing.

Visitors: George Pandell, Ft. Wayne, Ind.; E. S. Thompson, Benton Harbor, Mich.; S. Swartley, Jr., of Swartley & Sons, Sterling.

Chicago Bowling.

A bowling team representing the trade in the North Chicago League and named "The Florists," consisting of John Huebner, Wm. Lorman, Allie Zech, Jack Byers and Peter Olsem, rolled the following scores Thursday evening, October 14:

Players.	1st.	2d.	3d.
J. Huebner	181	179	172
Wm. Lorman	192	164	156
A. Zech	180	204	146
J. Byers	165	164	159
P. Olsem	143	194	181

Totals861 905 814
The team representing the Florists' Club in the Mercantile League rolled the following scores the opening night, Wednesday, October 13, at Bensingers' Monroe street alleys:

Players.	1st.	2d.	3d.
J. Huebner	161	129	132
Wm. Lorman	189	150	174
A. Zech	136	182	158
T. Price	150	157	170
P. Olsem	179	143	167

Totals815 764 801

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

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E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

H. B. KENNICOTT, PRESIDENT
MAX RINGIER, SECRETARY

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INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE
CHICAGO

TELEPHONE CENTRAL 466

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MILLER & MUSSER

Wholesale Florists
179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**
Telephone: Randolph 2758
Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies,

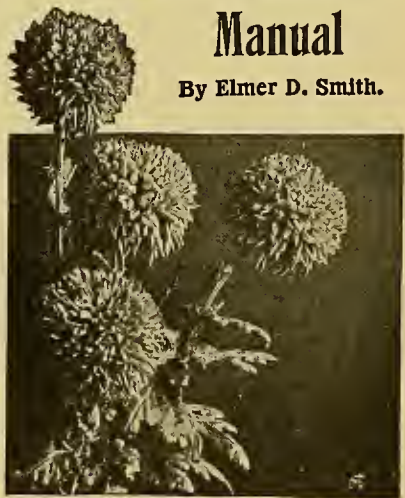
Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials.....	\$4 00@5 00
.. .. 36-in.....	3 00
.. .. 30-in.....	2 50
.. .. 24 in.....	2 00
.. .. 20-in.....	1 50
.. .. 15-in.....	1 00
.. .. 12-in.....	75
Mrs. Chas. Russell....	1 00@2 50
.. ..	Per 100
.. Hoosier Beauty.....	4 00@15 00
.. Killarney Brilliant.....	3 00@10 00
.. Killarney.....	3 00@10 00
.. White Killarney.....	3 00@10 00
.. Richmond.....	3 00@10 00
.. Prince de Bulgarie.....	3 00@10 00
.. Rhea Reid.....	3 00@10 00
.. My Maryland.....	3 00@10 00
.. Mrs. Gen. Sawyer.....	3 00@10 00
.. Milady.....	3 00@15 00
.. Sunburst.....	3 00@10 00
.. Mrs. Aaron Ward.....	3 00@10 00
.. Hadley.....	3 00@15 00
.. Ophelia.....	3 00@10 00
.. Our selection.....	3 00
Asters.....	3 00@4 00
Carnations.....	1 00@4 00
Cattleyas.... per doz., 4 00@ 6 00	
Gardenias.... per doz., 3 00@ 4 00	
Chrysanthemums..... per doz., \$1.50 to \$4.00	
Gladioli.....	2 00@ 8 00
Lilium Harrlsii.....	10 00@12 50
Sweet Pea.....	1 50
Valley.....	4 00@ 5 00
Adiantum Croweanum.....	1 00@ 1 50
Ferna.....	2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.... per 1000, 5 00@6 00	
Plumosua Strings... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Sprenger, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.
Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284

WEILAND & RISCH

SHIPMENTS EVERYWHERE
GROWERS AND SHIPPERS
CUT FLOWERS
IMMEDIATE DELIVERIES
154 NO. WABASH AVE.
CHICAGO
PHONE CENTRAL 679

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

CATTLEYAS	ONCIDIUMS
Dozen.....\$4.00 to \$5.00 The best, 100.....\$35.00	100 flowers.....\$4.00
GARDENIAS	DENDROBIUMS
Dozen.....\$1.50 to \$3.00	Dozen.....\$6.00
BEAUTIES, of the finest quality, \$1.00 to \$3.00 per dozen.	
THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.	

Philadelphia.

HIGH PRICES IN ALL LINES.

On Sunday night, October 10, the frost nipped the dahlias, the open flowers and some of the foliage being damaged in the exposed fields; at other places where they were somewhat protected the damage was slight, but the very cool weather that followed, held the crop back. Real summer heat has been our portion the last few days and the dahlias are now plentiful again, as good, in fact, as at any time this season. There is good demand for them as everything else has taken a big jump in price. All kinds of stock which was so scarce early in the week is becoming more plentiful with the warm weather and all lines are now about normal as to supply and demand. The Ophelia rose is meeting with great favor; all customers appear to like it and as the stems get longer, and the flowers larger and more double, it should have no trouble in holding its own. American Beauties are now fine and in good demand, but Chrysanthemum Chrysolora, at the same price, gave them a good race as the flowers of this variety coming in the past week have been superb. Unaka, Comoleta, Polly Rose and Glory of the Pacific are also offered, the quality being very good and prices rule higher than usual at this season. Carnations are rapidly improving with the shipments moving out as fast as received. Some very fair single violets are seen, but the flowers are small as yet. Lily of the valley has been very scarce, the shipments not being offered for sale, but divided among the various stores, so as to avoid as much friction as possible. Fall cosmos is just commencing to arrive and helps out when the demand is for something showy at low prices.

NOTES.

The debutante teas are now in full swing, being a most important factor to the business. While all the leading retailers make a bid for and get a portion of this business, at least half the commissions appear to go to one house, while the rest of the trade divide the balance more or less evenly between them. At a recent debutante affair, not considered very large or above the average, the number of bouquets, baskets and vases of flowers sent by friends totaled 183 pieces, the leading house furnishing 115, while the other 63 came from competing firms.

Voller's House of Flowers is making some great improvements. A new tile floor, together with an eighteen-foot show refrigerator, is being installed. These, together with a rearrangement of cases and counters and the addition of garden furniture, give the store a very attractive and up-to-date appearance.

The October meeting of the Pennsylvania Horticultural Society was held in the lecture room, October 19. There were fine exhibits of cosmos and chrysanthemums for the Samuel T. Bodine and H. F. Mitchell Co., Inc., prizes.

The Leo Niessen Co. has been strong the past week on very fine Chrysolora chrysanthemums—they were magnificent flowers. American Beauty roses are also a feature.

The Wanamaker fern is making a great hit. The Robert Craig Co. had

Wholesale Flower Markets

BOSTON, Oct. 20.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@ 5 00	
" Double White Killarney.....	1 00@ 6 00	
" Killarney Brilliant.....	2 00@ 8 00	
" Hadley.....	2 00@10 00	
" Cardinal.....	2 00@12 00	
" Mock.....	2 00@ 8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 8 00	
" Ward and Hilligdon.....	2 00@ 6 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	50@ 1 00	
select.....	1 50@ 3 00	

BUFFALO, Oct. 20.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " fancy.....	15 00@20 00	
" " extra.....	10 00@12 00	
" " No. 1.....	6 00@10 00	
" " No. 2.....	2 00@ 3 00	
" Killarney.....	3 00@ 6 00	
" White Killarney.....	3 00@ 7 00	
" My Maryland.....	3 00@ 6 00	
" Killarney Queen.....	3 00@ 4 00	
" Richmond.....	3 00@ 6 00	
" Sunburst.....	3 00@ 6 00	
" Ward.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
" Ophelia.....	4 00@ 8 00	
" Mock.....	3 00@ 6 00	
" Francis Scott Key.....	4 00@ 8 00	
" Sawyer.....	3 00@ 7 00	
Lily of the Valley.....	4 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@ 3 00	
Chrysanthemums.....	8 00@20 00	
Cosmos.....	50@ 1 00	
Dahlias.....	1 00@ 3 00	
Snapsdragons.....	1 00@ 2 00	
Aparagus Sprengeri.....	35@ 50	
Ferns.....	per 1000, 2 50	
Smilax.....	15 00	

CINCINNATI, Oct. 20.		Per 100
Roses, Beauty.....	per doz. \$0 75@33 00	
" Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 6 00	
" Richmond.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	10 00	
Aparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., \$7.50	
Chrysanthemums.....	6 00@20 00	
Dahlias.....	2 00@ 3 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@ 6 00	

faith in it, notwithstanding the competition of its many relations and have a very large stock in all sizes. Splendid cyclamens are also a leader.

Carl Cortis, of the Joseph Heacock Co.'s force, reports an unusual demand for the season on all varieties of roses. To him the season looks very promising. Special Killarneys are a feature here.

The tables of the Berger Brothers market have been gay the past week with all the early chrysanthemums and they sell up to the last flower before the day is out.

Killarney Brilliant roses are a feature with the M. Rice Co. The factory force is largely augmented on account of greatly increased business.

Edward Reid's version is that business is all right, but the question is how to get the stock. A fine state of affairs, truly.

The Philadelphia Wholesale Florists' Exchange are handling some choice chrysanthemums. K.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids, Valley
Select Dahlias in Variety
We solicit a trial order.
1225 Race St., Philadelphia, Pa.

McCALLUM CO.
Florists' Supplies
PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Philadelphia Wholesale Florists' Exchange
ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.
Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

Mention the American Florist when writing

MT. KISCO, N. Y.—The schedule for the thirteenth annual exhibition of the Northern Westchester County Horticultural and Agricultural Society, October 29-31, is ready for distribution and may be obtained from M. J. O'Brien, secretary, Mt. Kisco. Fifty-six classes are represented, seven of which are open to private gardeners only.

New York.

BUSINESS GOOD ON AVERAGE.

Although business became a little slack toward the middle of the past week, the general average was good. Clear and warm weather is bringing in more stock and there is not likely to be a scarcity of anything in the weeks between now and the holidays. While there is an increase in the supply of chrysanthemums there is no surplus, and we doubt if there will be. The early varieties must now be nearly cut out, and while there will yet be very heavy shipments, we believe the market can take care of them. There is not much change in the rose and carnation situation since our last notes were written. There is some increase in the supply, but prices remain firm. In orchids, the tendency of prices is upward. The first violets of the season appeared during the past week. Being friendly to the modest and shrinking violet, we refrain from sarcastic remarks, but if what are now here shrink any more there will be nothing left of them. Heavy rains and frost up-state have had their effect on dahlias and other outdoor stocks and their finish will not be long delayed. The market opened Monday, October 18, under fair conditions with an increased supply of stock and the tendency of prices was downward, especially in American Beauties, chrysanthemums and lily of the valley. The arrival of chrysanthemums is quite heavy and as the weather is fair and warm a further increase in the supply of stock is looked for throughout the week.

October 20.—There is a marked decline in prices. Special tea roses that were quoted at \$8 per hundred are now offered at \$4 and \$6, and carnations have fallen one dollar on the hundred. All chrysanthemums have declined in price.

NOTES.

President Welch of the S. A. F. was a visitor October 15, and was accompanied by W. R. Nicholson of Boston and Framingham, Mass. The genial president looked fine and was in a very cheerful mood. He intends to organize an excursion to Houston, Texas, for the next convention and it is expected to go through with a rush. W. R. Nicholson was also cheerful over the outlook. Excepting that he is younger and taller, he seems to us to be getting more like his father, the much esteemed William Nicholson of Framingham, and we are glad of it. John Henry Small, Sr., of J. H. Small & Sons, Washington, D. C., was another visitor during the past week. Mr. Small was looking extremely well. He has nearly reached three score years, but looking at him, it is hard to believe.

"The man who loves his wife must love her always; a show of affection between outbursts of cruelty do not condone the cruelty in the eyes of the law." So said Justice Morschauer in the supreme court at White Plains, N. Y., October 15, when he awarded a separation and \$50 per month alimony to Mrs. Marie De Carillo, wife of Luis De Carillo, an orchid collector and grower of Mamaroneck, N. Y. "As I have said before," added the justice, "you don't have to knock your wife down or blacken her eyes to create cruelty in the eyes of the law." It appeared that Mr. De Carillo was absent most of the time and his wife took care of the greenhouses.

The following is current news: A petition in bankruptcy has been filed against Julius O. and J. Frederick Hanft, composing the firm of Hanft Brothers, florists, 684 Madison avenue, by these creditors: New York Cut Flower Company, \$2,009, and

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York
THE MONTREAL FLORAL EXCHANGE, Ltd.
 140 Manfield Street - Montreal

 The Wholesale Commission House of Canada, Featuring the Products of
 Its Best Growers

Joseph J. Levy, \$447. The business is one of the oldest in the city, having been established in 1850, and the present partners succeeded to it in 1893. They catered to a society trade. Assets are estimated at \$3,000. We learn that this firm will make no effort to resume in the florist business.

The irrepressible C. C. Trepel now has his greenhouse-on-the-roof of his store at Broadway and 89th street completed, and it is well stocked with palms, ferns and other foliage plants. It is a model house of its kind, the construction being by S. Jacobs & Sons of Brooklyn, under the supervision of Wm. Currie, their able foreman. A grand electrical display makes this conservatory exceedingly attractive by night.

Alex. S. George has recently opened a fine retail store at 42 Richmond Terrace (St. George), Staten Island. The new store is admirably arranged for business and display, having large plate glass show windows and being otherwise fitted up in the most modern style. Mr. George also has the flower stands in both the St. George and Manhattan terminals of the Staten Island ferry.

The Bell Rosary Florists is the name of a new firm that has taken the store at 2654 Broadway, formerly known as Hartmann's Rosary. The members of the firm are Ralph A. Bell and Nathan Sternberg. The former looks after the business features, while the latter is an experienced designer and decorator. Their store looks very attractive and they should be successful.

The United Floral Co., of which William Frank and G. Brembras are the proprietors, has taken a fine stand in the new market, Broadway and 95th street. This is one of the most finely equipped markets in the city and is a show place for the section in which it is located. The United Floral Co. has another good store at 2163 Broadway.

The Claremont Florists, who have a store at 3185 Broadway, Manhattan, and greenhouses at Clifton, N. J., have recently opened a fine store at 48 Flatbush avenue, Brooklyn. These young men seem to be hustlers and will doubtless be successful.

Mallon's Flower Shop, Fulton street, corner of Lafayette avenue, is now a show place for that part of Brooklyn. The window and other decorations of chrysanthemums, autumn foliage and other seasonable features are very artistic.

Peter Bounakas, who for a number of years has had a retail store at Fourth avenue and 23d street, will soon open another fine retail store at Fifth avenue and 23d street, near the

**John Young & Co.**
 Wholesale Commission Florists
 53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square.
WILLIAM P. FORD
 WHOLESALE FLORIST
 107 W. 28th St., New York
 Telephone, Madison Sq. 5335

Mention the American Florist when writing

"Flatiron" building. The old store will be retained as a branch.

W. G. Badgley has taken his former bookkeeper, Waldron M. Bishop, into partnership, the firm name being Badgley & Bishop, Inc. They have just put on a new automobile for delivery and are well equipped for the wholesale business.

There are quite a number of Johnsons in Brooklyn, but Johnson, of 29 Nevins street is Johnson, the Florist. He has been there quite a number of years and has a nice store and is doing a good business.

W. F. Schoeller & Son, of Allenhurst, N. J., are sending fine chrysanthemums to market. Fred Schoeller, the "son" in this firm, is active as an agent for the Underwood typewriter, when he is not busy in horticultural pursuits.

The agent of K. J. Kuyk, of Ghent, Belgium, advises us that their first shipment of azaleas, 44 cases, arrived at this port during the past week.

Young & Nugent have recently been busy with funeral work and basket and bouquet trade.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY

Telephone:
 3864 Madison Square

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1685 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

OFFICIAL S. A. F. Shipping Labels
 FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.
AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Walter F. Sheridan
Wholesale Florist
 Telephone Call: 3532-3533 Mad. Sq. **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 808 and 809 Madison Square
CONSIGNMENTS SOLICITED

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: 2200 and 2201 Madison Square.

The executive committee of the American Rose Society met at the office of Traendly & Schenck, Monday, October 11. The following were present: Robert Pyle, West Grove, Pa.; A. Farenwald, Roslyn, Pa.; Benjamin Hammond, Beacon, N. Y.; S. S. Pennock, Philadelphia, Pa.; Louis J. Reuter, Westerly, R. I., and Harry O. May, Summit, N. J.

Frank Manker, Jr., whose father, Frank Manker, Sr., is one of the leading growers of Brooklyn, has bought and taken charge of the range recently erected by Kramer Brothers at Farmingdale, L. I. This range comprises 25,000 square feet of glass and young Mr. Manker has a great stock of chrysanthemums.

In another column John Stokes, of 413 Gates avenue, Brooklyn, advertises his retail business for sale. Mr. Stokes has an excellent reputation and is strictly on the level.

William H. Kuebler and his brothers, Louis and Charles, of Brooklyn, continue active in the wholesale business, also carrying a good line of florists' supplies.

S. Masur, of Fulton street, reports business as greatly improved and he is kept busy with wedding decorations and funeral work.

At the stores of Robert G. Wilson, Brooklyn, we have noted great activity; he has a good trade and is strictly up to date.

Bonnet & Blake, Brooklyn wholesalers, report business improving and an increase in the supply of stock.

The first good violets we have seen are the single "Gov. Herrick" at M. C. Ford's.

Wholesale Flower Markets

NEW YORK, Oct. 20. Per 100

Roses, Beauty, special.....	15 00@20 00
" " extra and fancy...	8 00@10 00
" " No. 1 and No. 2...	5 00@ 8 00
" Alice Stanley.....	2 00@10 00
" Prince d'Areberg, special.	6 00@ 8 00
" Francis Scott Key, special.	10 00
" Mrs. Geo. Sawyer.....	2 00@ 6 00
" White Killarney, special...	6 00
" Killarney, My Maryland...	
" " special.....	4 00@ 6 00
" " No. 1 and No. 2...	2 00@ 3 00
" " Queen.....	2 00@ 8 00
" " Brilliant.....	2 00@ 8 00
" Aaron Ward.....	2 00@ 8 00
" Richmond.....	2 00@ 8 00
" Sunburat.....	2 00@10 00
" Tait.....	2 00@10 00
" Milady.....	2 00@ 8 00
" J. L. Mock.....	2 00@10 00
" Hadley.....	2 00@10 00
" Ophelia.....	2 00@10 00
" Mrs. Chas. Ruessell.....	2 50@12 00
" Hoosier Beauty.....	2 00@10 00
Cattleya Orchids, special.....	35 00
inferior grades.....	15 00@20 00
Oncidiums.....	4 00@ 5 00
Lilies, Longiflorum and Harrisii..	5 00@ 6 00
Lily of the Valley.....	2 00@ 3 00
Dahlias.....	2 00@ 3 00
Carnations.....	1 00@ 2 00
Tuberose.....	per doz., 35c@50c
Bouvardias.....	1 25@ 1 50
Adiantum Croweanum and Hybridum.....	1 00
Asparagus Plumosus.....	doz. bchs. 1 00@ 1 50
Smilax.....	doz. striggs. 75
Chrysanthemums.....	per doz., 1 50@ 4 00
Gardenias.....	per doz., 2 50@ 3 00

United Cut Flower Co., Inc.
WHOLESALE
111 W. 28th St., New York City
NOW IS THE TIME
 To Ship Your Consignments
PERCY W. RICHTERS, Manager.
 Mention the American Florist when writing

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.
 Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
 Orchids, Roses, Carnations and all the other best products of the leading growers.
 Consignments solicited.
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WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
 Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
 Mention the American Florist when writing

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Madison Square 1519-5893
119 West 28th Street NEW YORK
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George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
 Mention the American Florist when writing

M. C. Ford
121 WEST 28th STREET NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.
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Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY
Mention the American Florist when writing



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San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and I Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

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and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

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611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.
1153 Broadway. Cor. 15th & H. Sts

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.



522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

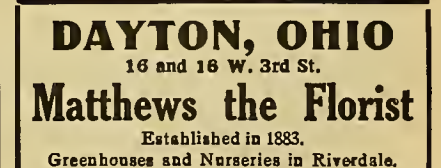
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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16 and 16 W. 3rd St.

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

OF
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling
 NEW YORK
 No. 22 West 59th Street
 Adjoining Plaza Hotel
 Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES
1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists
Filling Telegraph Orders.

Alpha Floral Co., Chicago.
 Alpha Floral Co., Des Moines, Ia.
 Anderson, S. A., 440 Main, Buffalo, N. Y.
 Archias Floral Co., Sedalia, Mo.
 Baumer, August R., Louisville, Ky.
 Begerow's, Newark, N. J.
 Blackstone, Washington, D. C.
 Boland, J. B., San Francisco.
 Bragg Co., Ross, Rochester, Minn.
 Bramley & Son, Cleveland, O.
 Breitmeyer's Sons, John, Detroit, Mich.
 Brown, A. C., Springfield, Ill.
 Buckbee, H. W., Rockford, Ill.
 California Florists, Tacoma, Wash.
 Clarke's Sons, David, New York.
 Cleveland Cut Flower Co., Cleveland, O.
 Cooke, Geo. H., Conn. Ave. and L, Washington.
 Dard's, 44th and Madison Ave., New York.
 Denton Floral Co., Denton, Tex.
 Duerr, Chas. A., Newark, O.
 Duluth Floral Co., Duluth, Minn.
 Dunlop's, 8 and 10 W. Adelaide St., Toronto.
 Eyres, 11 N. Pearl St., Albany, N. Y.
 Frauenfelder, C., Chicago.
 Freeman, Mrs. J. B., Toledo, O.
 Frey, C. H., Lincoln, Neb.
 Frey & Frey, Lincoln, Neb.
 Friedman, Chicago.
 Furrow & Co., Guthrie, Okla.
 Furrow & Co., Oklahoma City, Okla.
 Galvin, Thos. F., Inc., Boston, Mass.
 Galvin, Thos. F., Inc., New York.
 Gasser, J. M., Co., Cleveland, O.
 Graham, A., & Son, Cleveland, O.
 Grand Rapida Floral Co., Grand Rapids, Mich.
 Grimm & Gorly, St. Louis, Mo.
 Gude Bros., Washington.
 Hardesty & Co., Cincinnati, O.
 Hehl & Son, J. G., Terre Haute, Ind.
 Hendersou, Lewis, Omaha, Neb.
 Hess & Swoboda, Omaha, Neb.
 Hollywood Gardens, Seattle, Wash.
 Holm & Olson, St. Paul, Minn.
 Johnston & Co., T. J., Providence, R. I.
 Joy Floral Co., Nashville, Tenn.
 Keller's Sons, J. B., Rochester, N. Y.
 Kerr Floral Co., Robt. C., Houston, Tex.
 La Crosse Floral Co., La Crosse, Wis.
 Lang Floral & Nursery Co., Dallas, Tex.
 Lange, A., 25 E. Madison St., Chicago.
 Lehorius, J. J., Duluth, Minn.
 London Flower Shop, Ltd., Philadelphia.
 Matthews the Florist, Dayton, O.
 Matthewson, J. E., Sheboygan, Wis.
 May & Co., L. L., St. Paul, Minn.
 McConnell, Alex., New York.
 Metairie Ridge Nursery Co., New Orleans, La.
 Murray, Samuel, Kansas City, Mo.
 Newell, A., Kansas City, Mo.
 Ostertag Bros., St. Louis.
 Palez, Paul M., Little Rock, Ark.
 Palmer, W. J., & Son, Buffalo.
 Park Floral Co., The, Denver, Colo.
 Phillips Bros., Newark, N. J.
 Pikea Peak Flo. Co., Colorado Springs, Colo.
 Podesta & Baldacchi, San Francisco.
 Portland Flower Store, Portland, Me.
 Randolph & McClements, Pittsburgh, Pa.
 Reuter's, New London, Conn.
 Reuter's, Norwich, Conn.
 Reuter's, Westerly, R. I.
 Rock, Wm. L., Flower Co., Kansas City.
 Rye, George, Ft. Smith, Ark.
 Schiller the Florist, 2221 W. Madison St., Chgo.
 Schling, Max, 22 W. 59th St., New York.
 Smith & Fetters, Cleveland, O.
 Small & Sons, J. H., New York.
 Small & Sons, J. H., Washington, D. C.
 Smith Co., A. W., Pittsburgh, Pa.
 Smith, Henry, Grand Rapids, Mich.
 Stump, G. E. M., New York.
 Walker Co., The F., Louisville, Ky.
 Welland, M., Evanston, Ill.
 Whitted Floral Co., Minneapolis, Minn.
 Witthold, G., Ca., 737 Buckingham Pl., Chicago.
 Wolfskill Bros. & M. Goldenson, Los Angeles.
 Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery
in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

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Denver, Colo.

**The Park
Floral Co.**J. A. VALENTINE,
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Members of Florists' Telegraph Delivery.

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Little Rock, Ark.

**PAUL M. PALEZ
FLORIST**

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH.

HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackstone

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656

Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyles, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Witthold Co., 737 Buckingham Pl.
- Cincinnati, O.—Handesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Pulez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Durd's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Nerwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grim & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Heisl & Sons.
- Texas, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West

Jefferson and Washington Ave.

Albany, N. Y.

EYLES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET!

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

Vanderbilt Hotel

BOSTON 1 Park Street

799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.
The Largest Growers of Flowers in City
Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160
Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heintz)
336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.
Mention the American Florist when writing

Newark, Ohio.

CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.
Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention.

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries
to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of The Florists' Telegraph Delivery.

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disct
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing



LILIAM FORMOSUM.

White Roman Hyacinths
Per 1000
11-12 ctms. (2400 to case).....\$21.00

FALL "BOOK FOR FLORISTS."
ASK FOR IT.

VAUGHAN'S

DUTCH BULBS

Of these we carry a general stock for seedsmen, florists and nursery dealers. Write us for general list.
This week we mention:

NARCISSUS
Per 1000
Victoria..... \$12.00
Sulphur Phoenix..... 12.00

TULIPS
Per 1000
Belle Alliance..... \$10.00 Proserpine..... \$20.00
La Reine..... 7.00 Keizerskroon..... 14.00

LILIAM FORMOSUM
Best Selection Ever Brought In.
Consider These Prices.
Per 1000
7-9 inch (250 bulbs to case)..... \$55.00
8-9 inch (225 bulbs to case)..... 65.00
9-10 inch (180 bulbs to case)..... 75.00

LILIAM GIGANTEUM (New Crop)
Per 1000
7-9 inch (300 to case)..... \$48.00
8-9 inch (250 to case)..... 65.00
8 10 inch (225 to case)..... 80.00

COLD STORAGE LILIES
Plant now for your January supply of cut blooms.
Per case
Giganteum, 7-9 inch (300 bulbs to case)..... \$15.00
Giganteum, 9-10 inch (200 bulbs to case)..... 16.50

CHICAGO NEW YORK

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100; \$18.00 per 1000.
Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.
Smilax, good strong 2 in., \$1.25 per 100.
Farsley, double curled, \$2.50 per 1000.
Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Ask for Price of
Rooted Cuttings of Geraniums,
Heliotropes, Petunias

and any other soft wooded stock you might want.
We have following plants that will be ready for Christmas: Cyclamen, Cinnamti, Lorraine and Luminosa, Begonias, Poinsettias, all kinds of Primroses. Write

Geo. A. Kuhl, Wholesale Grower Pekin, Ill.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 ft..... \$1.00 each
Pyramids, 2½ ft..... 1.50 each
Pyramids, 3 ft..... 2.00 each
Pyramids, 3½ ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2 ft..... 1.50 each
Nice Bushes, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

"MISS THEO"

propagates easily, grows rapidly, developing into a large and well balanced plant, which comes into flower early, producing persistently and enormously throughout the whole season.

The color is a true rose pink, of good form, with a strong, well-formed calyx, which very seldom splits. The flowers are on wiry, graceful stems of good length, held erect at all times.

To the Trade, \$12.00 per 100; \$100.00 per 1000

LITTLEFIELD & WYMAN,
NORTH ABINGTON MASSACHUSETTS

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

MISCELLANEOUS STOCK.

Adiantum Croweanum, 3-in., 5c; 4-in., 8c.
Rubbers Ficus Elastica, 4-in., 12-in. high, 18c; 15-in. high, 25c.
Poinsettias, A-1 stock, 4-in., 10c; 5-in., 20c; 6-in., 35c.
Cyclamen Giganteum. Excellent stock, 6-in., 50c.
Begonia Rex, 3-in., 6c.
Asp. Plumosus, 3-in., ready for a shift, 5c.
Primula Chinensis, asstd., 5-in., 15c.
Boston Ferns. Fine strong plants ready for a shift, 4-in., 15c; 5-in., 25c.
Hydrangea Otaksa. Strong field grown, 1 to 6 shoots, 2½c a shoot.
Will prepay express east of Mississippi.
Violets, Gov. Herrick. Field grown clumps, \$4.00 a hundred.
Will prepay express east of Mississippi.

SCHLURAFF FLORAL CO.
ERIE, PENNA.

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

W. ATLEE BURPEE, who has been seriously ill, is improving.

SIoux CITY, IA.—A warehouse costing \$5,000 is being added to the plant of the Sioux City Seed & Nursery Co.

ERNST BENARY'S list of novelties for 1916 has been received from Erfurt, Germany, also that of Haage & Schmidt.

CHICAGO.—Prices for grass seed on the Board of Trade, October 20, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

SALT LAKE CITY, UTAH.—The largest crop of sweet clover ever grown in this section is anticipated, according to the Vogeler Seed & Produce Co.

A. H. GOODWIN, of the W. W. Barnard Co., Chicago, is considering a European trip via the Mediterranean, Malaga, Spain, or Bordeaux.

REPORT of condition of clover seed October 1, issued by the bureau of crop estimates, United States department of agriculture, shows a decrease of 14 per cent since the September report.

UNDER a law passed by Argentina, effective January 5, 1916, all importations of alfalfa or other forage plant seeds, containing more than 10 grains of dodder per kilo, will be returned to the country from which shipment was made.

MAIL advices confirm cable news of the imprisonment of nine Southern France seed growers for selling seeds to Germans through Switzerland and Holland. It is further stated that no seeds from these firms can be shipped while sentence is being served.

CONTRARY to the natural conclusions in the United States, writes a European correspondent, it may be said the business men here are not rushing to dispose of their goods. There are no presents to be had. The labor question is to be reckoned with and doubly so when stocks come from countries involved in war.

DUTCH salesmen are reported as trying to cover their gladiolus contracts for the coming season by purchases in America. It is thought doubtful if first size bulbs can be secured to meet the low prices made early for Holland stock. One Hollander is reported to have paid a buyer \$50 in cash to be let off on his contract for 50,000 bulbs.

ONION SETS in the Chicago district are being taken in from the growers on a basis of giving the contracting buyer an increased number of pounds in excess of the normal 40 pounds to the bushel. This percentage is varying according to the condition of the individual lots, 20 to 30 per cent. Many lots of whites are being received and stored at the risk of the grower.

TOLEDO, O.—The clover crop will be short and of poor quality. Prices have advanced to the highest point ever reached at this time of year, and speculation will govern the price all winter according to local dealers. Some predictions place the total season's receipts here at 30,000 bags, as against the largest receipts on record, 199,000 bags in 1897.

EUGENE SCHAETTEL, of Vilmorin, Andrieux & Co., Paris, France, who is calling on the American trade, as noted in last week's issue, says his stay in America this year will be brief on account of the home demands upon his time. Mr. Schaeffel's address while in this country will be care of the H. Frank Darrow Co., 26 Barclay street, New York.

HILLEGOM, HOLLAND, October 3.—The Dutch government has notified the seed growers of this country that spinach, carrot and purslane have been added to the prohibited list. Farmers are now giving considerable attention to the growing of vegetables for shipment to Germany, and it is believed that this state of affairs will affect the seed acreage and that higher prices for 1916 may be expected.

Canary Islands Onion Seed.

Teneriffe, September 4.—The 1915 export season for Canary Island onions and onion seed closed, so far as shipments to the United States are concerned, August 28, showing a small reduction from last year's figures in the quantities of seed exported. However, a slight increase in prices has made the values approximately the same, so that shippers and growers are well satisfied with the general results. Onions for Porto Rico made a decided gain.

As declared at the Teneriffe consulate, the value of the onion seed exported to the United States in 1915 was \$40,828, against \$43,293 in 1914; to Porto Rico \$973, against \$2,548; or a total of \$41,801, against \$45,841. Onion shipments to Porto Rico (there being none to the United States) were valued at \$13,435, as compared with \$7,963 last year, this gain being sufficient to offset the loss on the seed exports and leave a favorable balance of \$1,432 for the present year.

The question of securing the necessary bottoms for shipments to the United States turned out to be the most serious problem of the 1915 crop.

Maine Potatoes.

The Bangor & Aroostook railroad is hauling about 100 cars of potatoes a day, which is considerably less than normal for this season. September shipments aggregated only 1,155 cars, compared with 2,200 cars in the corresponding month of 1914. Within a few days price of potatoes in Aroostook county has advanced to \$1.75 a barrel, while in a few sales at Mars Hill as much as \$1.90 was paid.

European Seed Crops.

Seed crops in Europe this year leave very much to be desired, and in the case of some items, such as turnip, swedes, radish, celeriac, onion and cabbage the results are rather disastrous. The yield of others, like carrot, beet, dandelion, kale, brussels sprouts, celery, chicory, etc., was a little better, but the acreage planted was much smaller than usual. The fields could not be given the necessary care owing to the great shortage of labor or receive the required manures which resulted in a great deficiency in the yield. Many crops such as beet in order to give satisfactory results for the production of seeds require so much labor during their growth that the work might be called gardening rather than field culture, and when such labor is not afforded at the right time or in a sufficient way the yield is very inferior. If we consider that the best growers are now at the front, that the work has to be done by old men, women or children, and that we had a very erratic season, alternating periods of very dry and wet weather, rendering the work of cultivation and harvesting doubly difficult, we can but praise the poor peasants for what they have done under the most trying circumstances. How will things turn out next year? Nobody knows except the Creator above us, but my opinion is that as long as the present terrible conditions continue seeds will not be cheap. On the other hand, American buyers must endure some hardships before receiving their seeds, the growers meanwhile doing everything possible to minimize these difficulties.

PARISIAN.

New York Seed Trade.

A man who travels for one of the best known seed firms of this country was in this city during the past week. He has been noting seed crop conditions and his reports are reliable. In his estimate the outlook for beans is about the worst, with corn, squash and cucumber seed all short on account of the wet season. The price of potatoes has recently taken a jump with prospects of higher prices.

While there is no great change in the local situation, all the seed stores seem to have as much business as they can handle. The shortage in Paper Whites, hyacinths, Chinese lilies and some varieties of tulips has been previously noted. That, of course, is dissatisfying to the seedsmen, but it is viewed with equanimity by the cut flower dealers.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED
Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

Mammoth Auction Sales of Boxwoods, Rhododendrons, Rose Bushes, Bulbs, Etc., from Holland, also Local Consignments of Palms, Ferns, Rubbers, Evergreens, Perennials, etc.

Regular Salesdays Tuesdays and Fridays of each week at 11 o'clock, a. m.

Jerome B. Rice and wife, of Cambridge, N. Y., announce the birth of Jerome Bonaparte Rice, the third, October 8. Therefore it may be presumed there is rejoicing at Cambridge. The MacNiff Horticultural Co. has opened a retail branch store at 182 Fulton street, between Broadway and Church avenue.

A. F. F.

Imports.

The steamers Ryndam and Oosterdyke, from Rotterdam, Holland, which arrived at New York October 17 and 18, respectively, brought horticultural stock as follows:

BY S. S. RYNDAM.

- C. P. Smith, 60 cases plants.
- F. D. Downing & Co., 21 cases plants.
- H. F. Darrow Co., 29 cases plants.
- C. Schwake & Co., 58 cases plants.
- H. Langeler, 68 cases plants.
- C. F. Smith, 17 cases plants.
- R. M. Ward & Co., 114 cases plants.
- MacNiff Hort. Co., 70 cases plants (not azaleas).

R. F. Lang & Co., 123 packages plants, 18 cases bulbs.

McHutchison & Co., 40 packages plants.

To order, 1,735 cases plants.

BY S. S. OOSTERDYKE.

Vaughan's Seed Store, 63 cases plants.

- A. Rolker & Sons, 20 cases plants.
- R. M. Ward & Co., 100 cases plants.
- H. Langeler, 30 cases plants.
- C. F. Smith, 32 cases plants.
- C. Schwake & Co., 75 cases plants.
- Gray Bros., 11 cases bulbs.
- H. H. Berger & Co., 5 cases bulbs.
- Elliott Auction Co., 22 cases bulbs.
- P. Henderson & Co., 2 cases bulbs.
- E. J. Krug, 84 cases bulbs.
- R. F. Lang & Co., 26 cases bulbs.
- McHutchison & Co., 131 cases plants.
- Stump & Walter Co., 38 cases bulbs.
- MacNiff Hort. Co., 182 cases plants (not azaleas).

To order, 848 cases plants, 30 cases bulbs.

During the week ending October 16 imports were received at New York as follows:

- Ralph M. Ward & Co., 190 cases bulbs (Marseilles, France).
- H. Bayersdorfer & Co., 63 cases immortelles (Marseilles, France).
- A. Herrman, 34 cases immortelles (Marseilles, France).
- F. B. Vandegrift & Co., 3 cases bulbs (London, Eng.).
- H. Watts, 50 cases palm seed (Sydney, N. S. W.).

For the week ended October 9, 33,200 pounds of grass seed, 101,500 pounds of clover seed, 32,600 pounds of celery seed and 1,900 pounds of sugar-beet seed were received at this port.

Lilium Candidum

Extra fine Northern-grown Bulbs—Just Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO, 231-235 W. Madison Street.

COLD STORAGE

VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

NARCISSUS

Per 1000

- Paper White Grandiflora, 14 c. m. \$10.50
- Empress, 1st size 12.00
- “ Mother bulbs 17.50
- Emperor, 1st size 12.00
- “ Mother bulbs 17.00
- Golden Spur, 1st size 13.00
- “ Mother bulbs 18.00
- Trumpet Major, 1st size 10.50
- Victoria Bicolor, 1st size 12.50
- Von Slon, 1st size 13.00
- “ “ select double nose.. 18.00

Write for our Fall Trade Catalogue.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbea in variety. Correspondence Solicited.

Mention the American Florist when writing

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
 English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

Water Melon and Okra Seed

Grown for Wholesale Trade.

W. E. HAILE, Seedsman,
 Monticello, Fla.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany



Cyclamen Giganteum

**SOUTHERTON'S
 PRIZE STRAIN.**

4 inch Plants Ready for a Shift.

Assorted Colors.

Only the Best Varieties.

At \$14.00 per 100.

R. J. Southerton,
 Cyclamen Specialist

Highland Park, Illinois.

LILY OF THE VALLEY PIPS

Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

Loechner & Co., Inc., 11 Warren St., New York

IN proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
 53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
 Correspondence Solicited.

George R. Pedrick & Son,
 PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

RAFFIA

Natural—Four standard grades.
 Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
 Write for prices and terms.

McHutchison & Co.

The Import House

17 Murray Street, NEW YORK

Mention the American Florist when writing

Petunias Petunias

Seeds of our celebrated strains will be ready in November.

Seedsman can safely recommend our Giants of California, Fluffy Ruffles, Giant White, Marvelous, double, and Peony-Flowered, double.

Prices and list on application.

T.B. SHEPHERD CO.

Ventura, Calif.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited.

SWEDSBORO, N. J.

Mention the American Florist when writing

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42	4.00
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	22 to 24-in. high	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28-in. high.....	24 to 28-in. high	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	
9 in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00	

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

Get Quotations From

LANDRETH SEEDS WHICH SUCCEED

Bloomdale Farm. **Bristol, Pa.**
Mention the American Florist when writing

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

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Woolworth Bldg., New York City

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The Everett B. Clark Seed Co. GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

THE G. HERBERT COY SEED CO. VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

Seasonable Plants



ARAUCARIA EXCELSA.

Call on us now for general list of plants; move in October before danger of freezing.

VAUGHAN'S SEED STORE,

43 Barclay St., NEW YORK.

31-33 W. Randolph St., CHICAGO

Greenhouses: Western Springs, Ill.

Mention the American Florist when writing

Crotons.

All the best varieties.

4-inch, \$3.75 per doz., \$30.00 per 100. 4-inch specials, well grown, large as ordinary 5-inch plants; 60c each; \$50.00 per 100. 5-in. special, 2 to 3 ft. high, at 75c each.

Araucaria Excelsa.

5-in. pots, 2 ft. high with 5 whorls \$1.00 each. 6-inch pots, 2 ft. 6-in. high with 6 whorls, \$14.00 per doz.; \$1.50 each.

Hydrangea Otaksa.

4-inch, home-grown, well budded, exceptionally good for basket work, 20c each; \$15.00 per 100.

Send for sample.

Cibotium Schiedeii.

Plants in 7-inch pots...\$2.00 each

Solanum Melvini.

In fruit and bloom, 4-inch, strong, special price to make room, \$2.00 per doz., \$15.00 per 100; 5-inch, \$3.00 per doz.; \$25.00 per 100.

Primula Obconica.

2½-inch pots, \$3.25 per 100.; \$30.00 per 1000.

Smilax.

2½-inch pots.....\$2.50 per 100.

Cyperus Alternifolius.

4-inch.....\$10.00 per 100.

FALL PRICE LIST

ROSES

"First Aid to Buyers"



Mention the American Florist when writing

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

LIMA, O.—The Zetlitz Floral Co. has been awarded a contract for beautifying the grounds at the high school.

ALBANY, GA.—The National Nut Growers' Association will convene in this city October 27-29, for its annual convention.

NORFOLK, VA.—Special plantings of shrubs and flowers to provide uninterrupted succession of bloom in certain sections of the cemeteries of the city are being considered.

It is said neglect of years' standing in the upkeep of Boston's playgrounds has resulted in conditions that will require an expenditure of \$1,000,000 before they are again in proper condition.

DE KALB, ILL.—De Kalb county will probably be the first county in the country to attempt the beautifying of the Lincoln highway, plans having been made for the planting of one mile of shrubbery on the highway west of Malta.

PORTLAND, ORE.—The Western Walnut Association will hold its first convention in this city, November 3-4. An interesting program of papers and discussions has been arranged. J. C. Cooper, McMinnville, Ore., is president and H. V. Meade, Orenco, Ore., is secretary-treasurer.

PENN YAN, N. Y., September 29.—When Benton Grange met Thursday evening a paper by R. L. Edmond on "Advertising the Apple," brought clearly to mind one of the main troubles in the apple business. "It Pays to Advertise," but the farmer has heretofore failed to take this statement seriously. Mr. Edmond told several stories to illustrate his point.

Nurserymen's Counsel.

Secretary John Hall, of the American Association of Nurserymen, calls attention to the fact that Curtis Nye Smith, the well-known expert on horticultural law and legislation, has been employed by the association as counsel for members of the association. Mr. Smith advises members of the association on all trade legal matters free of expense. For further particulars address Secretary John Hall, 42 Stone street, Rochester, N. Y.

Pernet Memorial.

We learn from the June-July issue of "Les Amis des Roses" that Admiral Aaron Ward and Mrs. Ward gave a garden party June 8 at their admirable rosary, at Willowmere, Roslyn, Long Island, for the benefit of the American Ambulance Society at Paris. The committee received about 6,000 francs, which will be used for the purchase of an ambulance to be named after a victim of the war, Claude Pernet, son of our colleague Pernet-Ducher, rose grower at Lyons, whose superb productions are known everywhere.—Journal French National Horticultural Society.

New Oaks.

In the proceedings of the American Philosophical Society, January-April, 1915, William Trelease describes two new varieties of oaks remarkable for their large acorns, *Quercus Chiapasensis*, found in the state of Chiapas, Mexico, like *Q. Skinneri*, having a hemispherical acorn 35 millimeters in diameter with a cupule 45 millimeters in diameter, and *Q. Cyclobalanoides*, also of Mexico, like *Q. insignis*, with an ellipsoid acorn 50 millimeters in diameter.

Apple Market Investigation.

During the season of 1914-15, the office of markets and rural organization of the United States department of agriculture studied certain phases of apple marketing and distribution, and Bulletin No. 302, entitled "Apple Market Investigations, 1914-15," under date of September 15, 1915, published by the department, while not a comprehensive treatise of the above subject, is a report of such investigations as have been made up to the present stage of development and contains much valuable information for the apple grower.

Effect of the war upon export prospects as well as upon home markets, retail methods and costs, market preferences for varieties, grading, package laws, cold storage holdings and movements, Pacific northwest apples via the Panama Canal, export markets, etc., are among the subjects treated upon. The bulletin contains 23 pages, with numerous illustrations.

Apple Prices.

Barrel prices of apples at New York, October 2, were quoted as follows:

Wealthy	.....	\$2.00@	\$4.00
Wolf River	.....	2.50@	4.00
McIntosh	.....	2.50@	4.50
Alexander	.....	2.50@	4.00
Jonathan	.....	2.50@	5.00
Gravenstein	.....	2.00@	4.00
Duchess	.....	2.00@	3.00
Twenty Ounce	.....	2.00@	3.25
Maiden Blush	.....	2.00@	3.00
Northwest'n Greening..	.....	2.50@	3.50
Va. mixed sorts.....	.....	1.50@	2.50
Greening	.....	1.75@	3.50
King	.....	2.00@	3.25
Baldwin	.....	1.50@	2.50
Ben Davis	.....	2.00@	3.00
Fall Pippin	.....	2.00@	3.50
Yorke Pippin	.....	2.50@	3.25
Rib Pippin	.....	1.75@	2.50
Culvert	.....	1.75@	2.50
Codling	.....	1.50@	2.25
As to kind, basket.....	.....	.30@	1.00
W't'r Banana, W'n bx.	.....	2.00@	2.50
Jonathan, W'n bx.....	.....	1.50@	2.75
Grimes, Gold'n, W'n bx.	.....	.75@	1.50

PEONIES

25 Acres—Best Varieties.

Write for Prices.

Gilbert H. Wild, Sarcoxie, Mo.

THE Storrs & Harrison Co.

PAINESVILLE NURSERIES
CATALOGUES AND PRICE LISTS
FREE ON APPLICATION

PAINESVILLE, - OHIO

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.
Prices quoted upon application.

BOGOTO (Chapinero) COLUMBIA.

Baltimore Nurseries California Privet

Any quantity, size and age. No better grown
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

Franklin Davis Nursery Co.
BALTIMORE, MD.

HEADQUARTERS

California Privet

In any quantity and any size desired.
My Privet has more branches than what
is usually sent out, and I grade better.

Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
N. J.

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the American Florist Co.'s Trade Directory. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.
Newark, N. Y., Oct. 8, 1915.

BELLE WASHBURN

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N. Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

It has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower $8\frac{1}{2}$ to 4 inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Enchantress family. It has a very spicy odor much greater than the average Carnation. It comes in full flower by the 1st of December and then continues steadily through the balance of the season.

The present sharp competition in business requires the grower to plant a variety that always produces high-grade flowers, never bursts the calyx, has strong, long stems, is steady and continuous bloomer, no cropper. The color is the most brilliant red of any Carnation now in market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 18,000 devoted to rooted cuttings.

We will have 100,000 strong, well-rooted cuttings guaranteed all first-class ready for delivery during December. The price of the rooted cuttings will be \$12.00 per 100; \$100.00 per 1000.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS.



CANNA FIREBIRD

GET IT NOW

and Increase Your Stock Threefold by April.

25 or more, 20 cents each.

VAUGHAN'S SEED STORE,
NEW YORK CHICAGO

GERANIUMS

Strong 2-inch stock.

Nutt, Dagata, Ricard, Red Wing, Vlaud, La Favorite, Jaulin, Perkins and Oberle, \$2.00 per 100, \$18.50 per 1000.

Ruby (best dark red), Gen. Wayne, Frenot, Dryden, Annie Vincent, Hill, Atlantis, Luigi Grandi and Poitevine, \$3.00 per 100, \$25.00 per 1000.

SEND FOR CATALOGUE OF GERANIUMS

F. H. DeWITT & CO.
WOOSTER, OHIO.

100,000 Field-Grown CARNATION PLANTS

Exceptionally fine stock ready for benching. Our Carnation Plants are recognized as the finest obtainable and repeat orders from old customers mean that they must have proven very satisfactory in former years, otherwise they would not have ordered from us again this season. This year the plants are better than ever so send an order to us as quickly as possible, for immediate delivery. Hurry!

	100	1000		100	1000
White Perfection	\$3.50	\$30.00	Mrs. C. W. Ward.	3.50	30.00
Rose Pink Enchantress,			Philadelphia.....	\$3.50	\$30.00
	3.50	30.00	Zoe Symonds.....	3.50	30.00

Order Today

Peter Reinberg

Wholesale Florist

30 East Randolph St., Chicago, Ill.

L. D. Phone Central 2846

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - - - - - CONN.

CARNATIONS

F. DORNER & SONS CO.,

LaFayette, - - - - - Indiana

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveaod, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, October 19.—Mushrooms, home grown, No. 1, 20 to 30 cents per pound; lettuce, cases, 7 to 8 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 75 cents to \$1.25; tomatoes, baskets, 25 to 50 cents.

New York, October 19.—Celery, per bunch of 12 stalks, 12 to 40 cents; cucumbers, 50 cents to \$1.25 per basket; mushrooms, \$1.00 to \$2.50 per 4-pound basket; tomatoes, \$1.00 to \$2.00 per package; radishes, per 100 bunches, 25 cents to 50 cents; lettuce, per 2 dozen strap, 50 cents to 75 cents.

Greenhouse Soil Supply.

Forethought in the matter of soil preparation is of the greatest importance. Too often we find that the desired kind of soil is not available at the desired moment, or is in no condition to handle. This past season has been an extremely trying one owing to the frequent showers. We have recently seen an example of poor management that was amazing, as the parties to the job are men of national importance. In order to fill a new carnation house ground was hauled from an old orchard. This ground was a dark sandy loam of ideal texture, lacking humus; it was moved when a little too wet; was loaded into dump wagons and dumped in front of the greenhouse doors. It was not moved as fast as hauled, hence the teamsters kept on driving over the fresh soil piles at one end and over the ground in the orchard at the other end; when finally it was delivered to the benches it resembled more a lot of brick-bats than greenhouse soil.

Market gardeners are too often caught in the winter months when starting hot-beds, there being no ground available. This condition is inexcusable. We have for years practiced a method that has given good results. We select the desired piece of land; put on what manure we want and also some phosphatic fertilizer; disc this ground until in desired condition. By discing a piece of land continuously on a windy, sunny day, we can reduce the moisture content to a low point. The ground is then immediately shoveled up into "A" shaped piles and protected by lapped boards. In this condition it can wait until we need it or are ready to move it to the soil shed. European market gardeners are extremely careful to keep wagon wheels off their garden lands, especially during wet spells, preferring to carry their produce out instead of hauling it out; they realize that the grinding motion of a wagon wheel produces clods that last for years on heavy soils. They know that a soil in poor condition cannot produce the largest crops.

MARKETMAN.

Losses and Preservation of Manure.

According to Circular No. 26 issued by the Michigan Agricultural College experiment station, East Lansing, entitled, "Losses and Preservation of Barnyard Manure," 25 to 50 per cent and often even more of the plant food found in manure is lost under the present system of farm management.

A large number of farm animals are stabled several months during the year. Many of the stable floors are the ground itself, a few being carefully puddled with clay, but most of them being left with such compacting as they get from the animals standing on them. A large number of stable floors are made of planks which usually allow the liquid to escape and are no better than the ground itself; some are made of cement and are practically impervious to water. It can readily be seen that unless animals are kept on a water-tight floor and the liquid run into a tank or cistern, or absorbed in some way, a very large proportion of the best part of farm manure is unnecessarily lost.

To insure against loss of the liquid part in the stable, the barn floor should be tight and a trough impervious to water should be placed back of the animals. From this the liquid should be absorbed by means of a good litter, or led to a tank or cistern where it may be collected for future use.

Boston:

BUSINESS ABOVE THE AVERAGE.

The past week has been the best week of the season; in fact, one of the best for the season for some years past. The dark, cool weather caused a shortage, and the suffrage parade October 16 created an unusual demand for yellow flowers and red roses. Prices on every line of stock have advanced. Carnations sold readily at from \$3 to \$5 per 100, according to quality. Roses also found a good market, with prices ranging from \$4 to \$35 per 100. There was a good demand for 9-inch stock at \$6 per 100. Chrysanthemums are becoming more plentiful, but prices have advanced. From \$1 to \$4 per dozen was received. Good average yellow varieties brought \$2 per dozen while fancy kinds sold for \$3. The plant trade is very good. Boston ferns, rubber plants and begonias are in demand.

NOTES.

Patrick Welch reports business as being far above average for the season. Very fine blooms of Chrysanthemums White Pacific and Halliday were noted, as well as an extra fine lot of Liliun longiflorum. One of the large shippers of pansies to the Boston Flower Exchange is W. E. Turner of Billerica. His flowers are of unusual size and color.

One of the most talked of events of the week is the market flower show of the Boston Co-Operative Flower Market, which will be held at Mechanics building, October 23-30. There is a good list of prizes and the committee has received an encouraging number of entries.

William H. Elliott is cutting very fine roses at present. One of his new novelties is the semi-double polyantha rose, Old Gold. He is shipping pot Pompon Bon-Ton and will soon have a large variety of colors ready for market.

Robert Montgomery and wife, of Natick, and James Murray and wife, of Lynn, spent an enjoyable week end at Buster's Island, Maine, October 16-17. They motored down in Mr. Montgomery's new car.

C. S. Andem, of Putnam, Conn., is cutting very fine flowers of the bronze chrysanthemum, Tint of Gold. He also has fine flowers of Carnations Matchless, Enchantress Supreme and Philadelphia.

The Boston florists' bowling league met October 14 at the Boston alleys. Neal Casey, rolling for the Co-Operative Market, won the highest 3-string pinfall with 288. The Wax Bros.' team has dropped out and their place was taken by McAlpine and McDonald's team. The standing of the teams is as follows:

Team	Won	Lost
Flower Market	6	2
Galvin	6	2
Carbone	5	3
Pansies	5	3
Flower Exchange	4	4
Zinn	4	4
Robinson	1	7
M. & M.	1	7

F. L. W.

Vegetable Plants

Lettuce and Cabbage Plants,
\$1.00 per 1000; 10,000 and over 85c per 1000
Parsley Plants, extra strong, for forcing
50c per 100; \$3.50 per 1000

R. Vincent Jr. & Sons Co., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.



Watch for our Trade Mark stamped
on every brick of

Pure Culture Mushroom Spaw

Substitution of cheaper grades is
thus easily exposed. Fresh sample
brick, with illustrated book, mailed
postpaid by manufacturers upon re-
ceipt of 40 cents in postage. Address

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TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kobi Rabi, Leek, Lettuces, Onions, Pars
Ciccrariaa, Gloxioiaa, Larkapur, Nasturtium, Panacia, Petnoias, Phloxes, Primulas, Scabious
Stocks, Verbena, Zinnia, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and
most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid
Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and
are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

A Few Seasonable Dreer Specialties



Adiantum Farleyense Gloriosa.

The Glory Fern Adiantum Farleyense Gloriosa

Similar to Farleyense, easier to grow, and much hardier.
3-inch pots \$1.50 per doz.; \$10.00 per 100
4-inch pots 2.50 per doz.; 20.00 per 100
6-inch pots 1.00 each

Ficus Elastica

A splendid lot of 4-inch pots, \$3.50 per doz.; \$25.00 per 100 Fine 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5.00 each

For the most complete list of seasonable stock in Plants, Bulbs, Seeds and Sundries see our current Wholesale List.

HENRY A. DREER, 714 and 716 Chestnut St., Phila., Pa.

The above prices are intended for the trade only.

Ananas Sativa Variegata The Variegated Pineapple

Splendid Plants in 4-inch pots.....	Each	\$0 60
“ “ “ 5-inch “	1 00	
“ “ “ 6-inch “	1 50	

Araucaria Excelsa

As there are no prospects of imports of these arriving from Belgium this fall, we recommend early orders, small sizes have already been sold out, the sizes noted below are very fine and the best values we have ever offered.

5-inch pots, 10 to 12 inches high, 3 tiers.....	Each	\$0 60
6-inch “ 12 to 15 “ “ 3 to 4 “	75	
6-inch “ 16 to 18 “ “ 4 “	1 00	
7-inch “ 18 to 20 “ “ 4 to 5 “	1 25	

Araucaria Excelsa Glauca

6-inch pots, 8 inches high, 2 tiers.....	Each	\$0 75
7-inch “ 12 to 14 “ “ 3 to 4 “	1 25	

Araucaria Robusta Compacta

6-inch pots, 10 to 12 inches high, 2 tiers.....	Each	\$1 00
6-inch “ 12 to 14 “ “ 3 “	1 25	
7-inch “ 14 to 16 “ “ 3 “	1 50	

Crotons

A splendid collection of the most attractive varieties for florists' work, well colored plants of good value.

4-inch pots.....	\$4.00 per doz.; \$30.00 per 100
5-inch “	\$6.00 to \$9.00 per doz.
Large plants.....	\$1.00 and \$1.50 each

Cibotium Schiedei

It is almost impossible to put up a first-class decoration without including some of this beautiful variety.

Fine 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5.00 each

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2 1/4-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.
Cash with order.
GEO. M. EMMANS, Newton, N. J.
Mention the American Florist when writing

SMITH'S REVISED Chrysanthemum Manual

50c postpaid.
Elmer D. Smith & Co., Adrian, Mich.

GERANIUMS

Our Guarantee holds good all the year; they must reach any point in the United States east of the Mississippi River in good growing condition.
Winter prices. S. A. Nutt. \$12.50 per 1000
Ricard and Poitevine. 15 00
A New Money Maker—The Two Buddleias.
Buddleia Variabilis, the butterfly plant, one of the best selling hardy shrubs.
Buddleia Asiatica, one of the finest winter pot plants you can grow. Every florist in the United States should have from fifty to a thousand of these according to the size of his place.
Rooted cuttings of either by parcel post, at \$2.50 per 100.

ALBERT M. HERR, LANCASTER, PA

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL, New York

Special Sale of Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.
4-in. pans..... \$ 4.00 per doz.
5-in. pans..... 6.00 per doz.
6-in. pans..... 12.00 per doz.
7-in. pans..... 15.00 per doz.
8-in. pans..... 24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.
Fernish Ferns in flats and 2 1/4-inch pots a Specialty.

H. PLATH
THE FERNERIES
Lawrence and Winnipeg Avenues
SAN FRANCISCO, CALIF.

FORCING STOCK

New French Hydrangeas

Outdoor pot-grown, 6 inch pots. Reduced prices to close out surplus—with 7 to 10 branches, **\$25.00 per 100**; with 5 and 6 branches, **\$20.00 per 100**; with 4 branches, **\$15.00 per 100**.

Bouquet Rose, rosy amber; **Gen. de Vibraye**, bright rose; **La Lorraine**, deep pink; **Mme. Maurice Hamar**, flesh pink; **Mme. E. Mouilliere**, best white; **Radiant**, rose-carmine.

Genistas

5 inch pots, compact, shapely plants, **\$20.00 per 100**. Get some of these attractive yellow-flowered plants to avoid the monotony of too much red and pink material.

Field Grown Roses

Hardy, firm-wooded, northern-grown stock with plenty of stored-up vitality. Send for list of varieties.

JACKSON & PERKINS COMPANY

NEWARK, NEW YORK

WE NEED ROOM

Liberal extras for early orders. Special prices.

Size of pots.	100	1000
2 1/4-in. Asparagus Plumosus.....	\$2.50	\$22.50
4 -in. Asparagus Plumosus.....	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2 1/4-in. Begonia, Flow'ing, 12 kinds.....	5.50	50.00
2 1/4-in. Begonia Chateleine.....	5.00	45.00
4 -in. Begonia Chateleine.....	8.00	75.00
2 1/4-in. Chinese Primroses. 30 kinds.....	3.00	25.00
4 -in. Chinese Primroses.....	7.50	70.00
2 1/4-in. Cinerarias. Choice mixed.....	2.50	22.50
2 1/4-in. Coleus. 15 varieties.....	2.50	22.50
2 1/4-in. Cyclamen. Eight varieties.....	4.50	40.00
3 -in. Cyclamen. Pine plants.....	7.50	70.00
2 1/4-in. Double Petunias.....	2.75	25.00
2 1/4-in. Primula Obconicas. Choice mixed.....	2.50	22.50
3 1/2-in. Primula Obconicas.....	6.00	55.00
2 1/4-in. Geraniums. 15 varieties.....	2.25	20.00
3 1/2-in. Stevia. Dwarf or tall.....	7.00	65.00
2 1/4-in. Smilax. Large plants.....	2.50	22.50
4 -in. Ferns. Boston, Scottii, Whitmani, Roosevelt, Scholzeii.....	20.00	
5-6-7-in. Dracaena Indivisa, \$15.00, \$20.00, \$25.00 per 100.		
Pansy Plants. \$4.00 per 1000.		
Violet Plants. Field grown. Princess of Wales, \$5.00 per 100 \$45.00 per 1000		

Abundance of Stock. Correspondence solicited

ALONZO J. BRYAN
Wholesale Florist, WASHINGTON, N. J.

DEUTZIA GRACILIS

Pot-grown stock, very bushy, ready now.

8 inch pots.....dozen, **\$3.00**; per 100, **\$25.00**
6 inch pots.....dozen, **2.50**; per 100, **18.00**

Vaughan's Seed Store,

CHICAGO NEW YORK

Ft. Wayne, Ind.

With the arrival of seasonable autumn weather, a decided impetus has been noted in all branches of the trade. Greenhouse stock is in fine condition and numerous varieties of the later chrysanthemums are making their appearance and find a ready market and excellent Hoosier Beauty, Russell, Sawyer and Sunburst roses are in evidence. October weddings have been numerous and have helped materially in the general improvement in business conditions.

NOTES.

The Flick Floral Co. reports excellent business at the greenhouses. Stock is looking unusually fine, especially in the chrysanthemum and rose houses.

Nephrolepis Verona

The new crested beauty. Now ready for delivery. Write for sample.

2-inch.....\$ 8.00 per 100; \$ 72.00 per 1000
2 1/2-inch..... 10.00 per 100; 90.00 per 1000
3-inch..... 12.00 per 100; 100.00 per 1000

Polypodium Maudianum

Good strong plants ready for a shift or to be divided.
6-inch, 75c each; 8-inch, \$1.25 each.

Asparagus Lutzi

Good strong plants
4-inch, 35c each; \$30.00 per 100.

French Hydrangeas

Well grown plants of best varieties
4-inch.....\$20.00; 5-inch.....\$25.00; 6-inch.....\$30.00 per 100

P. S. Randolph & Sons

Wholesale Plant Specialists

R. D. 1, VERONA, PA.

PRIMROSES

	Per 100
Forbesii, Obs. Alba, Rosea and Ruby, 2 1/4 in pot.....	1.50
Obs. Gigantea, 2 1/4 in. pot.....	2.00
Asp. Plumosus, 2 1/4 in. pot, \$18.00 per 1000.....	2.00
Asp. Sprengeri, seedling, \$5.00 per 1000.....	1.00
Vinca Var., field plants.....	5.00
Pansy Plants, giant flowering, \$2.50 per 1000.	

—CASE—

Jos. H. Cunningham, DELAWARE, OHIO.

A handsome new delivery car has been added to the equipment at this establishment.

Wm. J. Vesey, Jr., president of the State Florists' Association of Indiana, has returned from a motor trip to Anderson, where he attended the meeting

Palms for Sale

1 Areca Lutescens, 14 feet high, 12 ft. spread, 29 inch tub.....	\$ 75.00
3 Areca Lutescens, 9 feet high, 14 inch tub.....	75.00
1 Areca Buerii, 8 leaves, 18 inch tub.....	65.00
1 Kentia Forsteriana, 16 feet high, 17 leaves, 32 inch tub.....	75.00
1 Rhapis Flabelliformis, 6 feet high, 16 inch tub, well furnished.....	65.00
1 Pritchardia Pacifica, stem 12 inches in diam., about 130 years old, wonderful specimen, 18 leaves, 36 in. tub.....	1200.00
1 Latania Barbonica, 15 leaves, 29 inch tub.....	75.00
1 Alsophila Australis, 9 feet high, large head, 24 inch tub.....	40.00

Mrs. George Howard Lewis
533 Marine Bank Building
BUFFALO, N. Y.

of that organization. Frank Knecht & Co. are specializing in chrysanthemums and carnations and report a splendid shipping trade. H. K.

Ready Reference Section.

10 CENTS PER LINE, NET.



ACHILLEA.

Achillea "Pearl." Fine seedlings, \$3 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA., Wholesale Grower.

ALTERNANTHERAS.

Alterantheras, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

ALYSSUM.

DOUBLE SWEET ALYSSUM.
Fine 3-inch stock—\$3.50 per 100.
JOHN KRUCHTEN CO.
162 North Wabash Avenue, CHICAGO, ILL.
Alyssum double plant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

ARAUCARIAS.

Araucarias, Excelsa, 5-in., 3 to 4 tiers, 75c each; 6-inch, 4 tiers, \$1; 7-inch, 4 to 5 tiers, \$1.25; 7-inch, 5 tiers, \$1.50 to \$2. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 7-inch, 3 tiers, \$1.50; 7-inch, 3 to 4 tiers, \$2; 9-inch, 5 to 6 tiers, \$4 to \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias Excelsa, 5-in., 3 tiers, 60c each; 6-in., 3 to 4 tiers, 75c; 6-in., 4 tiers, \$1; 7-in., 4 to 5 tiers, \$1.25. Excelsa glauca, 6-in., 2 tiers, 75c; 7-in., 3 to 4 tiers, \$1.25. Robusta Compacta, 6-in., 2 tiers, \$1; 6-in., 3 tiers, \$1.25; 7-in., 3 tiers, \$1.50. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Araucaria Excelsa, 5-inch pots, 2 ft. high, 5 whorls, \$1 each; 6-inch, 2 ft. 6 in. high, 6 whorls, \$1.50 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2 1/4-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryao, Washington, N. J.

ASPARAGUS SPRENGERI.
Strong 2 1/4-inch stock, \$2.00 per 100.
JOHN KRUCHTEN CO.
162 North Wabash Avenue, CHICAGO, ILL.

Asparagus Plumosus, 80c per 100; \$3.50 per 500; \$6 per 1,000. Sprengeri, 75c per 100; \$3 per 500; \$5 per 1,000. These are June sown; strong. Prepaid. Strictly cash. C. W. Harold, 1849 E. Main St., Decatur, Ill.

ASPARAGUS—100,000 good strong 2-in. Asparagus plumosus, \$2.50 per 100; \$20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus, 2 1/4-inch, \$18 per 1,000; \$2 per 100. Sprengeri Seedlings, \$5 per 1,000. Jos. H. Cunningham, Delaware, O.

SPRENGERI, 2 1/4-inch, 2 1/2c; 250 for \$5.25; 3-inch, 4c; 250 for \$9. All A-1 stock. C. K. WISNER, 237 E. Delaware, Toledo, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Lutzi, 4-inch, 35c each; \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

2 1/4-inch ASPARAGUS PLUMOSUS and SPRENGERI at \$2 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Asparagus plumosus, 3-inch, 5c. Schluraff Floral Co., Erie, Pa.

BEGONIAS.

BEGONIAS.
CINCINNATI, 2 1/4-inch.....\$14.00 per 100
" 3 -inch..... 18.00 per 100
" 4 -inch..... 30.00 per 100
FLORENCE DAVENPORT, 3-inch 15.00 per 100
" 4-inch 25.00 per 100
CHATELAINE, 2 1/4-inch..... 3.50 per 100
" 3 -inch..... 7.00 per 100
" 4 -inch..... 12.00 per 100
ERFORDI, 2 1/4-inch..... 3.00 per 100
PRIMA DONNA, 2 1/4-inch..... 3.00 per 100
SMITHI, 2 1/4-inch..... 3.00 per 100
MELLOR, 4 -inch..... 50.00 per 100
" 3 -inch..... 35.00 per 100
" 2 1/4-inch..... 25.00 per 100
ERNEST ROBER, WILMETTE, ILL.

BEGONIAS.
Best stock obtainable in following varieties:
Cincinnati, 2 1/4-inch.....\$15.00
Cincinnati, 3-inch..... 25.00
Florence Davenport, 2 1/4-inch..... 25.00
Mellor, 2 1/4-inch..... 25.00
Chatelaine, 2 1/4-inch..... 4.00
Erfordi, Prima Donna, Triumph..... 3.00
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

BEGONIA LORRAINE.
Per 100 Per 100
2 1/4-inch.....\$12.00 4-inch.....\$35.00
3 -inch..... 20.00 5-inch..... 50.00
BEGONIA GLORY OF CINCINNATI.
Per 100 Per 100
2 1/4-inch.....\$15.00 3 1/4-inch.....\$30.00
3 -inch..... 25.00 4 1/2-inch..... 40.00
JULIUS ROEHR'S CO., Rutherford, N. J.

Begonias, Gloire de Chatelaine, Pfitzer, Triumph and Prima Donna, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. Vernon, white and pink, 2-inch, \$2 per 100; \$18.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIA LORRAINES. Order now and get choice stock, 3-inch at 15c; 4-inch at 25c; 5-inch at 50c. 10 per cent discount if bank draft accompanies order.

ELITCH-LONG GREENHOUSES, Denver, Colo.

Begonias, flowering, 12 kinds, 2 1/4-inch, \$5.50 per 100; \$50 per 1,000. Chatelaine, 2 1/4-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$3 per 100; \$75 per 1,000. Alonzo J. Bryao, Washington, N. J.

Begonias, Lorraine, Cincinnati and Lumboosa. Geo. A. Kuhl, Pekin, Ill.

Begonia Rex, 3-inch, 6c. Schluraff Floral Co., Erie, Pa.

BERBERIS.

BERBERRY.
WE OFFER BERBERIS THUNBERGI.
Each Ten 100 1,000
12-18-in., light.....10c \$0.80 \$ 5.00 \$ 40.00
12-18-in.15c 1.00 6.00 50.00
18-24-in.20c 1.25 8.00 70.00
2-3-ft.25c 1.50 12.00 100.00
Also see our ads under Spireas and Privet.
Send today for our complete price list.
AURORA NURSERIES,
Telephone 339. Aurora, Ill.

BOXWOOD.

BOXWOODS.
PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.
BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.
THE D. HILL NURSERY CO., Inc.,
BOX 404, DUNDEE, ILLINOIS.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 1 1/2 x 1 1/2 inch, \$2.50 each. Globe, 1 1/2 x 1 1/2 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Narcissus: Victoria, \$12 per 1,000; Sulphur Phoenix, \$12. Tulips: Belle Alliance, \$10 per 1,000; La Reine, \$7; Proserpine, \$20; Keiserskroon, \$14. Lillium Formosum: 7-9-inch, 250 to case, \$55 per 1,000; 8-9-inch, 225 to case, \$65; 9-10-inch, 180 to case, \$75. Lillium Giganteum: 7-9-inch, 300 to case, \$48 per 1,000; 8-9-inch, 250 to case, \$65; 8-10-inch, 225 to case, \$80. White Roman hyacinths: 11-12 ctms., 2,400 to case, \$21 per 1,000. Cold Storage Lilies: Giganteum, 7-9-inch, 300 to case, \$15 per case; 9-10-inch, 200 to case, \$16.50 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, Paper White Grandiflora, 14 ctms., \$10.50 per 1,000; Empress, 1st size, \$12; mother bulbs, \$17.50; Emperor, 1st size, \$12; mother bulbs, \$17; Golden Spur, 1st size, \$13; mother bulbs, \$18; Trumpet Major, 1st size, \$10.50; Victoria, 1st size, \$12.50; Von Sion, 1st size, \$13; select Double Nose, \$18. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

BIG DROP IN BULBS. Send for Special Prices. Darwin tulips, single and double tulips, hyacinths, narcissus. Plant Darwin tulips this year outdoor for Memorial. Melrose Bulb Importing Co., Melrose, Mass.

Bulbs, Japan grown freesias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Giganteum, 7-9, 300 to case, \$50 per 1,000; 8-9, 250 to case, \$70 per 1,000; 8-10, 225 to case, \$80 per 1,000; 9-10, 200 to case, \$90 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Lillium Candidum, \$6.50 per 100; \$60 per 1,000. Hyacinths, tulips, narcissi, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellcott St., Buffalo, N. Y.

CANNAS.

Canna Firebird, 25 or more, 20c each. Vaughan's Seed Store, Chicago and New York.

CARNATIONS.

FIELD-GROWN CARNATIONS—5,000 Mrs. C. W. Ward in splendid condition that we prefer to sell at \$30 per 1,000 rather than lose them by the next heavy frost now about due. Wire your orders and we will guarantee satisfaction. This ad will not appear again.
ELITCH-LONG GREENHOUSES, Denver, Colo.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATIONS.

FIELD-GROWN CARNATION PLANTS, LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT GROWN BY US WITH SPECIAL CARE. READY FOR YOU NOW.

WHITE PERFECTION	Per 1,000
PINK ENCHANTRESS	\$50.00
BEACON	50.00
COMFORT	55.00
PHILADELPHIA	70.00

600 AT 1,000 RATE.
PITTSBURGH CUT FLOWER COMPANY,
FRED BURKI, Pres. T. P. LANGHANS, Sec.
W. A. CLARKE, Treasurer.
THE FAMOUS FLORICULTURAL ESTABLISHMENT OF THE UNITED STATES.
CARNATION SPECIALISTS.

WHOLESALE GROWERS.
116-118 SEVENTH ST., PITTSBURGH, PA.

FIELD-GROWN CARNATION PLANTS.

Fine, clean, healthy stock, which leading florists everywhere recognize as the best obtainable. Our plants are unusually fine this season and we advise placing orders early for immediate or future delivery. The demand is heavy for good stock and we fill all orders in rotation. Order today.

Washington	100	1,000
White Enchantress	\$5.00	\$45.00
White Enchantress	6.00	55.00
White Perfection	5.00	45.00
Rosette	5.00	50.00
Pink Enchantress	5.00	50.00
Philadelphia	6.00	55.00

WIETOR BROS.,
Wholesale Florists,
162 North Wabash Ave., Chicago, Ill.

CARNATION PLANTS.

1,000 White Wonder and 2,000 Light Pink and Dark Pink Plants at the rate of \$40.00 per 1,000.

BASSETT & WASHBURN,

178 North Wabash Ave., Chicago, Ill.

Enchantress, Rose Pink Enchantress, Philadelphia and Beacon, \$5 per 100; \$45 per 1,000. White Enchantress and above varieties, good second, 4c. Cash, please. HARRY HEINL, West Toledo, O.

Field-grown carnation plants. White Perfection, Rose Pink Enchantress, Mrs. C. W. Ward, Philadelphia, Zoe Symonds, Washington, \$3.50 per 100; \$30 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

CARNATION PLANTS, strong, field-grown Pink Enchantress, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnation Belle Washburn, \$12 per 100; \$100 per 1,000. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

CHRYSANTHEMUMS.

Chrysanthemums, pot-plants, 5 1/2 and 6-inch pots, 40c, 50c and 60c each; 7-inch, 75c, \$1, \$1.25, \$1.50 and up. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS, Brillancy or Xmas Red, fine all year plant; strong 3-inch stock, \$4 per 100. You can't have too many. Cash, please. HEINL & WEBER, Terre Haute, Ind.

COLEUS—Xmas Red, 3-inch, \$5.00 per 100. JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

COLEUS, Brillancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, 4-inch, \$4 per doz.; \$30 per 100; 5-inch, \$6 to \$9 per doz. Large plants, \$1 and \$1.50 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Crotons, all the best vars., 4-inch, \$3.75 per doz.; \$30 per 100; 4-inch, specials, well grown, large as ordinary 5-inch, 60c each; \$50 per 100; 5-inch special, 2 to 3 ft. high, 75c each. Vaughan's Seed Store, Chicago and New York.

Crotons, 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch pots, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIGANTEUM. WANDSBEK TYPE.

In excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and salmon colors of the Improved Wandsbek.

WE NEED THE SPACE.

2 1/2-inch	\$ 4.00 per 100
3-inch	7.00 per 100
3-inch, extra selected	10.00 per 100
4-inch	12.50 per 100
4-inch, extra selected	18.00 per 100

SEEDS, 8 varieties, equally divided, \$5 per 1,000.

ERNEST ROBER, WILMETTE, ILL.

Cyclamen—No better plants on the broad earth. Plenty of Reds, Salmon Pinks, etc., 3-inch at 10c; 4-inch at 20c; 5-inch at 40c; 6-inch at 70c. Deduct 10 per cent if bank draft with order.

ELITCH-LONG GREENHOUSES, Denver, Colo.

Cyclamen Giganteum, Southerton's Prize strain, 4-inch plants, ready for a shift; assorted colors; only the best varieties, \$14 per 100. R. J. Southerton, Highland Park, Ill.

Cyclamen, 3-inch, 8c; 4-inch, 15c; 5-inch, 40c. The Geo. Witthold Co., 737 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

CYCLAMEN, strong flowering plants, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 8 vars., 2 1/2-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, best German strain, 3-inch pots, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen Giganteum, 6-inch, 50c. Schluraff Floral Co., Erie, Pa.

Cyclamen. Geo. A. Kuhl, Pekin, Ill.

DAHLIAS.

DAHLIAS, best varieties of named and rare seedlings at living prices. Also have fancy seed, 25c per packet. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, Ohio.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

CHICAGO WHITE.

Special strain, 2 1/2-inch, \$4.00 per 100.

ETOILE D'OR.

2-inch, \$4.00 per 100.

A. E. HUNT & CO.,

30 East Randolph Street, CHICAGO, ILL.

Daisy Bellis (Monstrosa) pink and white, strong plants, \$1.50 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

DEUTZIAS.

Deutzia Gracilis, 8-inch, \$3 per doz.; \$25 per 100; 6-inch, \$2.50 per doz.; \$18 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

50,000 extra healthy and large field-grown DRACAENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracaena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

EUONYMUS.

EUONYMUS RADICANS VEGETUS—Three-year-old potted plants for immediate delivery; also three-year, field-grown plants, \$20 per 100; \$2.50 per doz. Illustrated booklet. THE GARDEN NURSERIES, Narberth, Pa.

FERNS.

Asplenium nidus avis (Birds-nest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2 1/2 in. a specialty. H. Plath, Lawrence and Windpeg Aves., San Francisco, Calif.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3 1/2-in., \$1.80 per doz.; 2 1/2-in., \$6 per 100. Elegantissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3 1/2-in., \$3 per doz.; 2 1/2-in., \$6 per 100. Elegantissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2 1/2-in., \$6 per 100. Mucoosa and Smithii, 5-in., \$6 per doz.; 3 1/2-in., \$3 per doz. Harrisii, 8-in., \$12 per doz. Superbissima, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3 1/2-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3 1/2-in., \$15 per 100; 2 1/2-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2 1/2-in., \$1 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other alcea and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO

FERNS.

Boston, 4-inch \$12.00 per 100
Boston, 5-inch 25.00 per 100
Boston, 7-inch75c each
Scotti, 4-inch \$12.00 per 100

JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

Cibotium Schiedel, 8-inch pots, \$2.50 each; 10-inch tubs, \$3.50 to \$5 each. The Glory fern. Adiantum Farleyense Gloriosa, 3-inch, \$1.50 per doz.; \$10 per 100; 4-inch, \$2.50 per doz.; \$20 per 100; 6-inch, \$1 each. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ASPLENIUM NIDUS AVIS (Bird's-nest Fern). Good, strong, healthy plants, 4-inch pots, \$40 per 100; 5-inch pots, \$75 per 100; 6-inch pots, \$100 per 100. WM. K. HARRIS, 55th and Springfield Ave., W. Philadelphia, Pa.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2 1/2-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitman 5-in., 20c; 6-in., 35c; The Geo. Witthold Co., 737 Buckingham Place, Chicago, Ill.

BOSTON FERNS. Extra heavy 4-inch, \$13.50 per 100; 5-inch, \$20 per 100; 6-inch, \$30 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

BOSTON FERNS ready for 5-inch pots, \$16 per 100. R. O. LOMMATZSCH, R. No. 1, La Grange, Ill.

Ferns, Boston, Scottii, Whitman, Roosevelt, Scholzeii, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Adiantum Croweanum, 3-inch, 5c; 4-inch, 8c. Schluraff Floral Co., Erie, Pa.

Cibotium Schiedel, 7-inch, \$2 each. Vaughan's Seed Store, Chicago and New York.

Boston Ferns, ready for shift, 4-inch, 15c; 5-inch, 25c. Schluraff Floral Co., Erie, Pa.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Boston Ferns, 3-inch, \$7 per 100. Cash, please. Heinl & Weber, Terre Haute, Ind.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GENISTAS.

Genistas, 5-inch pots, compact, shapely plants, \$20 per 100. Jackson & Perkins Company, Newark, New York.

GERANIUMS.

GERANIUM ROOTED CUTTINGS, ready for immediate delivery or booked for later shipment at \$12.50 per 1,000. Nutt, Ricard, Castellane, Jaubin Viand, Poitevine, M. E. Long, (fine Salmon pink), and Snowdrift. Leas five per cent if cash with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Geraniums, 2-inch stock: Nutt, Dagata, Ricard, Red Wing, Viand, La Favorite, Jaubin, Perkins and Oberie, \$2 per 100; \$18.50 per 1,000. Ruby, Gen. Wayne, Frenot, Hill, Dryden, Annie Vincent, Atlantis, Luigi Grandi, Poitevine, \$3 per 100; \$25 per 1,000. F. H. DeWitt & Co., Wooster, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Geraniums, 15 vars., 2 1/4-in., \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt, Bucher, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3-inch pots, ready for shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums. Geo. A. Kuhl, Pekin, Ill.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

ASPARAGUS PLUMOSUS, medium length sprays, \$1.25 per 100. Cash. BERNO FLORAL CO., Orlando, Fla.

Southern Wild Smilax, 50 lb. case, \$2.50. H. S. Worthy, Morris, Ga.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chantard, Senateur Henri David. Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$6 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

New French hydrangeas, out-door, pot-grown, 6-inch pots, 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20 per 100; 4 branches, \$15 per 100. Bouquet Rose, Gen. de Vihraye, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere, Radiant. Jackson & Perkins Company, Newark, New York.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangea Otaksa, strong field-grown 1 to 6 shoots, 2 1/2c a shoot. Schluraff Floral Co., Erie, Pa.

Hydrangea Otaksa, 4-inch, home-grown, well budded, 20c each; \$15 per 100. Vaughan's Seed Store, Chicago and New York.

HYDRANGEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 30-32 West Broadway, New York.

Lily of the valley pips, ex. cold storage. New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechner & Co., Inc., 11 Warren St., New York.

MISCELLANEOUS.

Coleus, moonvines, heliotrope, lemon verbenas, parlor ivy, ageratum, alyssum, alternantheras, salvias, 2-inch pots, \$2 per 100; 3-inch pots, \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Polypodium Mandarinum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantville, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids, Francisco Delgado Q., Bogoto (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Single Plants.

Leaves.	Inches high.	Each.
4-inch pots, 5 to 6,	18	.....\$ 0.40
6-inch pots, 6 to 7,	24	..... 1.00
6-inch pots, 6 to 7,	28 to 30	..... 1.50
6-inch pots, 6 to 7,	32 to 34	..... 2.00
7-inch pots, 6 to 7,	36	..... 3.00
8-inch tubs, 6 to 7,	38	..... 3.50
8-inch tubs, 6 to 7,	48	..... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins.....\$ 1.50
7-inch pots, 3 plants in a pot, 38 ins..... 3.50
Specimens, very heavy\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

Leaves.	Inches high.	Each.
6-inch pots, 5 to 6,	28 to 30	.....\$ 1.00
6-inch pots, 6 to 7,	34 to 36	..... 1.50
6-inch pots, 6 to 7,	38 to 42	..... 2.00
6-inch pots, 6 to 7,	44 to 46	..... 2.25
8-inch tubs, 6 to 7,	50 to 54	..... 5.00
8-inch tubs, 6 to 7,	5 ft.	..... 6.00
10-inch tubs, 6 to 7,	5 to 5 1/2 ft.	..... 8.00
10-inch tubs, 6 to 7,	6 to 6 1/2 ft.	..... 10.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

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PANSY SEEDS, FINEST GERMAN GIANT GOLD MEDAL STRAIN, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant, mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c.

PANSY SEEDLINGS, GOLD MEDAL STRAIN, 50c per 100; \$4.00 per 1,000. ERNEST ROBER, WILMETTE, ILL.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies, 25 acres, heat varieties. Write for prices. Gilbert H. Wild, Sarcxle, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

XMAS PEPPERS, extra fine plants, full of berries, 4-inch at \$10 per 100. Also Jernsalem Cherries, 5-inch at \$15 per 100. ELITCH-LONG GREENHOUSES, Denver, Colo.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

PERENNIALS.

Perennials, Delphinium Gold Medal hybrids, \$3 per 100; Formosum, \$6 per 100; Belladonna, \$10 per 100. Phlox, Ant. Merle, Beranger, Clara Benz, Eliz. Campbell, Gen. Van Hentz, Mrs. Jenkins, \$6 per 100; \$55 per 1,000. Vaughan's Seed Store, Chicago and New York.

Ten thousand Perennials, field-grown, eighteen varieties. Will exchange for 2 1/2-in. hydrangea, nursery stock, violets, canna, gladiolus or what have you; or sell for \$3 per 100. Gerstenkorn & Klumpp, R. 4, Box 128, Decatur, Ill.

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POINSETTIA HEADQUARTERS.

All top cuttings.

	Per 100	Per 1,000
2 1/2-inch, strong stock\$4.00	\$37.50
2 1/2-inch, extra select	..... 5.00	45.00
3-inch	..... 8.00	

ERNEST ROBER, WILMETTE, ILL.

Clearance sale price of strong 2 1/2-inch Poinsettias, \$4 per 100; 20 one-year-old plants given free with each order of 100; none better anywhere. Cash, please. Hehl & Weber, 1640 Plum St., Terre Haute, Ind.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 4-inch, 10c; 5-inch, 20c; 6-inch, 35c. Schluraff Floral Co., Erie, Pa.

POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Poinsettias. Geo. A. Kuhl, Pekin, Ill.

PRIMULAS.

PRIMULA OBCONICA GIGANTEA, ROSEA (pink) and white. Splendid 4-inch, ready to shift, \$8 per 100. Cash. This stock will please. BRILL CELERY GARDENS, Kalamazoo, Mich.

Primroses, Chinese, 2 1/4-in., \$3 per 100; \$25 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Primula obconica, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000; 3 1/2-in., \$6 per 100; \$55 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primroses, Forbesii, Obconica alba, rosea and Ruby, 2 1/4-inch pots, \$1.50 per 100. Obc. Gigantea, 2 1/4-inch, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primula obconica, 2 1/2-inch, \$3.25 per 100; \$30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Primula chinensis, asst. 5-inch, 15c. Schluraff Floral Co., Erie, Pa.

Primroses. Geo. A. Kuhl, Pekin, Ill.

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PRIVET.

WE OFFER AMOOR RIVER PRIVET.

	Each	Ten	100	1,000
18-24 in., light10c	\$0.75	\$ 3.50	\$30.00
2-3 ft.15c	1.00	7.50	60.00
3-4 ft., heavy20c	1.25	10.00	75.00
4-5 ft., heavy30c	1.50	12.00	100.00

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AURORA NURSERIES, Anrora, Ill. Telephone 339.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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ROSEA FRAGRANS, similar to American Beauty rose in shape, color and fragrance, 3 to 5 eye divisions, \$7.50 per 100. JORDAN-SMITH PEONY GARDENS, New Castle, Ind.

Field-grown roses, hardy, firm-wooded, northern-grown. Send for list of varieties. Jackson & Perkins Company, Newark, New York.

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Roses, English budded field-grown. For varieties and prices see advertisement elsewhere in this issue. Beca, Ltd., 1077 Mill St., Liverpool, England.

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ZVOLANEK'S WINTER FLOWERING SWEET PEA SEED. ALL VARIETIES.

Winter Flowering Orchid Type: MRS. A. A. SKAACH—shell pink, keeps well and retains color; 1/4 oz., 75c; 1 oz., \$1.75; 4 ozs., \$6.50.

WHITE ORCHID—The well known true white. 1/4 oz., 75c; 1/2 oz., \$1; 1 oz., \$1.75; 4 ozs., \$6.

CHRISTMAS PINK—Pink and white, 1/2 oz., 15c; 1 oz., 25c; 4 ozs., 75c.

MRS. J. M. BARKER, standard lilac rose wings on white ground, very large and well formed flowers, 1/4 oz., \$1.50; 1/2 oz., \$2.50; 1 oz., \$4.

A. L. RANDALL CO., Wabash at Lake, Chicago.

WINTER ORCHID—FLOWERING SWEET PEA SEED.—I have still some of the best money makers on hand: Mrs. A. A. Skaach, clearest pink, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose. Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 ozs.; \$18 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lav.; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

CYCLAMEN SEED, Gig. Improved German Strain, 10 varieties equally divided, \$5 per 1,000; \$3 per 500; \$1 per 100. Separate Improved Salmon, light and dark, \$7 per 1,000; \$4 per 500; \$1.25 per 100. ERNEST ROBER, Wilmette, Ill.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurr, Swedesboro, N. J.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, petunias. Prices and list on application. T. E. Shepherd Co., Ventura, Calif.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett E. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, watermelon and okra; grown for wholesale trade. W. E. Haile, Monticello, Fla.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

SMILAX. Strong 2 1/2-inch stock, \$1.75 per 100. JOHN KRUCHTEN CO., 162 North Wabash Avenue, CHICAGO, ILL.

Smilax, 2 1/2-in. pots, \$2.50 per 100. Vaughan's Seed Store, Chicago and New York.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SMILAX, strong plants, 3-inch pots at \$4 per 100. HENRY SMITH, Grand Rapids, Mich.

SPIREA.

SPIREAS. WE OFFER SPIREA VAN HOUTTEI. Each Ten 100 1,000. 2-3 ft. 15c \$1.00 \$7.00 \$60.00. 3-4 ft. 20c 1.25 8.00 75.00.

Send today for our complete price list. Also see ads under Privet and Berberry.

AURORA NURSERIES, Telephone 339, Aurora, Ill.

SWAINSONA.

SWAINSONAS, white, 4-inch pots, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage, \$1 per 1,000; 10,000 and over, 85c per 1,000. Parsley plants, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

FOR SALE—Strong violet plants, 3-inch, Princess of Wales, \$5 per 100; \$45 per 1,000. CALVERT FLORAL CO., Lake Forest, Ill.

Violets, Gov. Herrick, field clumps, \$4 per 100. Schluraff Floral Co., Erie, Pa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. P. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Sealine, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphloe Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphs, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotioe Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus, Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Actna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 3, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pexto Pruning Shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c, postpaid, Elmer D. Smith & Co., Adrian, Mich.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hillinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 223 13th Ave., N. E., Minneapolis, Minn.

E. L. ROGERS, 212 W. 15th St., St. Louis, Mo., Manufacturers of Wire Designs and Florists' Novelties. Write for prices. Give us a trial.

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BEST OF ALL FOR HOT WATER HEATING

MORE KROESCHELL BOILERS USED FOR GREENHOUSE HEATING THAN ANY OTHER MAKE

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Toledo.

SHORTAGE OF STOCK RETARDS TRADE.

A scarcity of seasonable stock has retarded business to some extent. Roses have shortened up considerably and chrysanthemums have been backward with the result that the supply is quickly absorbed. Carnations are very good stock at present. American Beauty roses and lily of the valley are both scarce. There has been a large amount of profitable funeral work, supplemented by a demand for table decorations, corsages and high grade flowers, occasioned by the opening of the social season.

FLOWER SHOW.

Plans are going forward satisfactorily for the flower show which will be held at the Art Museum, under the auspices of the local florists' club, November 7-10, and a meeting of the various committees will be held every Tuesday evening until the show. Emil Kuhnke has been appointed a committee of one to arrange the premium list and Arthur C. Kneisel, secretary of the club, will enthruse the retailers and have charge of the publicity in connection with the exhibition. Motion pictures accompanied by lectures, depicting various forms of plant life, will be a feature of the show. Mr. Steffens, well-known landscape architect, engaged in the "city beautiful" campaign, will assist the florists in making the show a complete success.

NOTES.

Metz & Bateman had charge of the decorations for two hotels as well as the convention hall during the Knights Templars' conclave. They arranged over 100 table decorations for the banquet as well as many corsages for the grand ball.

Among many attractive windows arranged by florists during the Knights Templars' conclave, a display artistically arranged by Mr. Balke of Mrs. J. B. Freeman's establishment attracted much attention.

Arthur G. Imoberstag has been elected to membership in the florists' club. He is installing a new boiler and making repairs at his establishment and reports good business.

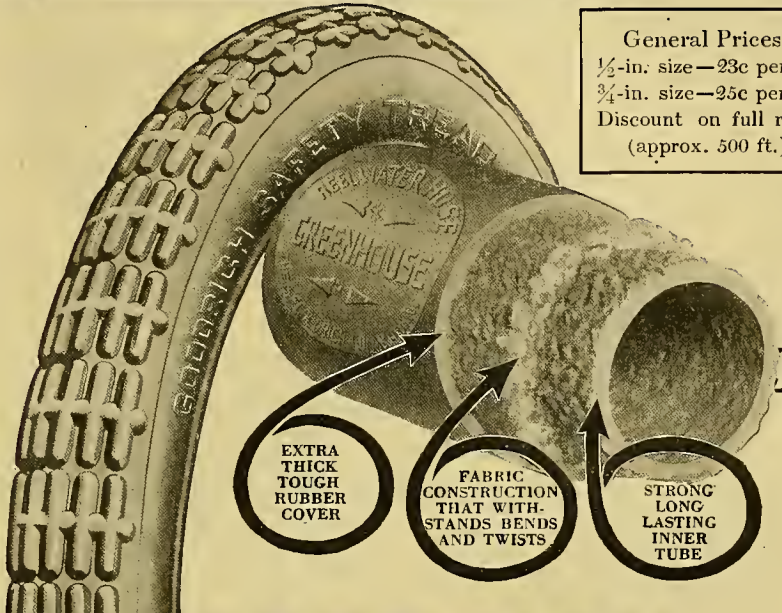
Schramm Bros. are always planning to take care of increasing business. Two new houses are nearly completed at their range.

S. N. Peck is busy with funeral work. He has a fine stock of cyclamens and poinsettias coming on for the holiday trade.

Feniger's Flower Shop is now graced with an attractive electric sign, the only one employed by local florists.

E. C. K.

SALEM, O.—Harry E. Cooper, of West Grove, Pa., has purchased the florist business of Wm. Mundy.



General Prices:
 1/2-in. size—23c per ft.
 3/4-in. size—25c per ft.
 Discount on full reels
 (approx. 500 ft.)

EXTRA THICK TOUGH RUBBER COVER

FABRIC CONSTRUCTION THAT WITHSTANDS BENDS AND TWISTS

STRONG LONG LASTING INNER TUBE

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"Greenhouse" is, in addition, flexible and easy to work with. It saves time in use. Withstands high pressures, too. Any length desired in one continuous piece.

Write for sample—and test it yourself.

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World's Largest Rubber Factory

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—OF—
Quaker City Machine Co.

—TO—
THE JOHN A. EVANS CO.
RICHMOND, IND.

Write for catalog.

Massachusetts Agricultural College.

The department of floriculture is making plans for its annual fall flower show, which is to be held November 8-9. The entire first floor of the building, about 5,200 square feet, will be used for the show. Last fall the department received many favorable comments from men in the trade, not only for the arrangement and variety of exhibits but for the general excellence of the stock. Mr. Whiting, the gardener, produced some of the finest chrysanthemums in this part of the state. This year it is planned to make the show a bigger, better and busier one. There will be exhibits of interest to the florist and gardener as well as to the general public. The department wishes to extend to all a hearty invitation to attend.

There will be a large showing of chrysanthemums; both single stem and bush plants in variety. They will be used in named collections, in masses, in groups of foliage and flowering plants and in floral arrangements. Although the chrysanthemum will be dominant, roses, carnations, violets and other florists' flowers and plants will be freely used. For the students in floriculture, there will be competitions in floral arrangement. The competition in table decoration will be limited to the junior class, with 14 entries. The seniors will have a competition in basket arrangement. There will be 10 entries in this class. In addition to these competitions, there will be vase, plant baskets and box arrangements, bouquets and corsages. There will also be exhibits of pottery, baskets and various other types of containers, together with other accessories of the florist.

The Northampton and Holyoke Gardeners' and Florists' Club is to cooperate with the M. A. C. Florists' and Gardeners' Club for a joint meeting one evening of the show, at which time some outside speaker will talk upon floral arrangements and exhibits.

A. S. T.

Providence, R. I.

CHRYSANTHEMUMS IN GOOD DEMAND.

There was a noticeable increase in the demand for all kinds of flowers during the past week. Chrysanthemums were a feature, and with plenty of sunshine and good weather, we will soon have more than the market can absorb. While the demand is steady a heavy supply could not be disposed of. There have been no heavy frosts as yet and asters are still arriving in good supply. Carnations have shortened up, but as the demand for them is light, they are not missed. Floral work holds up remarkably well and is of course welcomed by everyone in the trade. Rose prices have increased, but the quality of the cut is very good.

Willis S. Pino, seedsman, reports business as being very good. He is carrying a very attractive line of Japanese novelties this year.

Albert Holcher, of Johnston, R. I., is cutting some of the finest chrysanthemums seen in this market this season.

H. A. T.

CEDAR RAPIDS, IA.—The Cedar Rapids Floral Co. has been incorporated with a capital stock of \$25,000. Officers are: J. S. Bain, president; R. L. Bain, secretary; B. L. Bain, treasurer.

GREENHOUSE LUMBER

LOCKLAND LUMBER CO., Lockland, O.

1866—1915

**"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.**

SQUARE RED CEDAR POSTS.

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CONSTRUCTION**

**Greenhouse Material,
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Our personal service is your best guarantee of satisfaction.

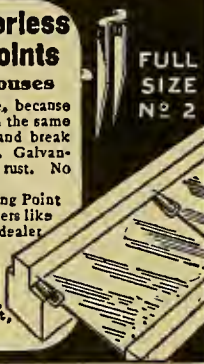
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For Greenhouses**

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No right or left. The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

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Samples free.
HENRY A. DREER,
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No 2**



A. HERRMANN,

**Cape Flowers, all colors, Cycas
Leaves, Metal Designs and all
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**Manufacturers Florist Wire Designs, Wire
Hanging Baskets and Fancy Wire Lamp Shades**
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Mention the American Florist when writing

Trade Directory

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AMERICAN FLORIST CO.

440 S. Dearborn St. CHICAGO

SANDUSKY, O.—D. R. White will devote a new house he is erecting to pot plants.

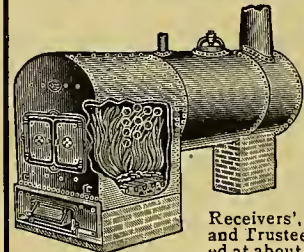
DANVILLE, PA.—The public schools of this borough have been organized into a flower mission, the purpose of which is to keep the George F. Geisinger Memorial hospital supplied with flowers.

MANCHESTER, MASS.—The North Shore Horticultural Society is planning to erect a building 60 by 80 feet, as a permanent home for the society. Wm. Till, head gardener for T. Jefferson Coolidge, is chairman of the building committee.

Boilers

AT SMASHED PRICES!

**SAVE 50%
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High Grade
Boilers and
TUBES**



Our tremendous stocks purchased for cash from Receivers', Liquidators and Trustees are secured at about one-half the

usual cost. Thus we save you big money on the price of equipment.

Engineering Service Free.

You also benefit by our free engineering service. Our 23 years of experience are at your disposal free. Have our experts furnish plans and designs for your heating problems. Take advantage of the great savings made possible by this free expert service.

Our \$10,000,000.00 capital and reputation for honest and dependable dealing back every transaction. Tell us your needs. Get our incomparable low prices. Write for our big

Free Price Wrecker Heating Catalog No. 47.

**CHICAGO HOUSE WRECKING CO.,
W. 35th and Iron Sts., CHICAGO**

Note: 4-in boiler tubes at a bargain.

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Hundreds of Florists have been convinced that we could save them

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Send us your list today and be convinced that we are giving you facts.

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Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

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Kansas City.

SUPPLY OF STOCK LIMITED.

The market experienced an unusual shortage of stock during the past week, the receipts not being sufficient to supply the city trade let alone the shipping orders, but everything was of excellent quality and brought fancy prices. Chrysanthemums took the lead at prices varying from \$3 to \$7 per dozen. Roses and carnations were practically off the market. Some asters and gladioli are still seen.

NOTES.

The Alpha Floral Co. have been very busy with funeral work and have been fortunate in having enough stock to meet the requirements. Out-of-town business is on the increase at this establishment.

Scarcity of stock has interfered with shipping trade at T. J. Noll & Co.'s establishment. Roses and carnations have been so scarce they have had to rely to quite an extent on chrysanthemums.

Miss Edith Roberts, formerly with the Costello-Moore Floral Co., has opened a flower shop at 11 East Eleventh street. Her many friends wish her every success.

Henry Kusik & Co. report stock very scarce, although chrysanthemums are more plentiful. Supplies are moving well. Henry Kusik has started on a three weeks' trip.

Geo. M. Kellogg Flower & Plant Co. reports stock at their range looks very promising. Good quality roses, carnations and chrysanthemums are being cut at present.

Dahlias at the Chandler Greenhouses have been protected from the frost by their foliage and about 8,000 were cut last week.

W. J. Barnes has been having a record breaking week of funeral business. His greenhouses were able to meet the requirements.

Since Al. Sexton has taken charge of the greenhouses at St. Mary's, the stock has shown much improvement.

W. L. Rock Floral Co. is having a good trade, both local and shipping. Stock is arriving in better supply.

Ed. Ellsworth, of The Rosery, reports business very good. His poinsettia plants are sold out.

Beiderman & Son report good business, with excellent future prospects.

Adolph D. Mohr is cutting some very fine yellow chrysanthemums.

Arthur Newell is visiting his son, Walter, at Columbia, Mo.

J. Austin will return this week from Excelsior Springs.

Visitors: Wm. Hughes, Zanesville, O.; "Sprinkle-proof Sam" Seligman, New York. E. J. B.

WAUKESHA, WIS.—Andrew Butchart has added several new buildings to his range, Broadway and Carpenter place.



AS THE SEASON ADVANCES

you want to be sure of quick service when in need of any greenhouse material. We not only promise but actually give you quick service, and can supply anything you need either for new greenhouses or repairs. 'Twenty-five years' experience.

Best Material.

Reasonable Prices.

ICKES-BRAUN MILL CO.

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Greenhouse Material, Greenhouse Hardware, Hotbed Sash.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, \$1.50.**

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By the same author. Covers the subject completely. 382 pages. **PRICE, \$1.50.**

American Florist Co., 440 S. Dearborn St., Chicago



EVERY Florist owning or managing a greenhouse should have one of our catalogues on

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It's full of practical suggestions and makes a handy ready reference for material and prices. We will send yours free immediately upon request.

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Since Its Organization

The Florists' Hail Association has paid 2,250 losses, aggregating 348,000.00. For particulars, address

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Lock the door before the horse is stolen.

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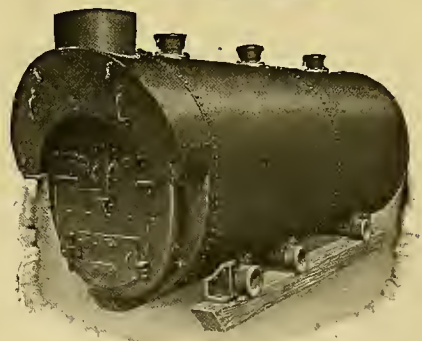
Wired Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by

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Sample free. For sale by dealers.

"SUPERIOR" INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS

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Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. Tile bottoms furnished anywhere in carload or less quantities.

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Publication. Also

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numbers, One Dollar. (Internation-
al money order). Subscribe
today and keep in touch with
European markets and topics.

THE HORTICULTURAL PRINTING COMPANY BURNLEY, ENGLAND

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Montreal.

TRADE SHOWS IMPROVEMENT.

Business during the past week has brightened up considerably, with the result that one at times hears the old expressions, "We had a very good day", or "We have been very busy today", and these busy or very good days help the florist over an otherwise hard time, for if all were known trade is not nearly what it should be. Slight frosts have cut down the outdoor flowers and indoor stock is arriving in meager quantities. Chrysanthemums have made their appearance but in limited numbers and carnations are still scarce. Roses are fairly plentiful, but are small in size. There is little demand for the services of the landscape gardeners this fall as everybody seems inclined to put off this work until after the war. Shrubs and perennials are in consequence not in demand.

CLUB MEETING.

The Montreal Gardeners & Florists' Club had one of the best attended meetings for some time at its last session, there being present quite a array of the "veterans." G. A. Robinson made his first appearance since his recovery from his recent severe illness and was congratulated on all sides. Jas. Bennett of Lachine, while not an entire stranger, is always welcomed as a visitor, not as a regular attendant. John Walsh, Tim Martell and John Eddy, who are looked upon as more than ordinary members, honored the meeting with their presence. Wm. Cotter, who has just recovered from a severe illness, was also present. The essayist for the evening, J. Theule, spoke on the subject, "Outdoor Culture of Carnations for Cut Blooms," which proved an interesting theme and several florists and gardeners may be led to adopt the speaker's method, which consists of taking cuttings in September and October, growing in pots during the winter and planting out early in May. Handled in this way they will flower all summer. His splendid exhibits at various meetings in the club rooms as well as at the Montreal Horticultural Society's September show, where he carried off first honors in competition with flowers grown under glass, speak well for his method.

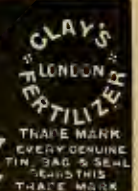
The number of automobiles in use in the trade in this city is steadily increasing. William C. Hall and C. A. Smith are the latest additions to the list.

J. L.

ST. CLAIR, MICH.—Wm. Munt, landscape architect engaged in the city park department will build a greenhouse on Brown street.

INDIANAPOLIS, IND.—H. H. Tall, chief florist, and the board of park commissioners, are making plans for new gardens in Garfield park to be planted next spring.

Clay's The World Power in the Soil.



THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND.

A FLORIST called on us last week and bought four 2-in. Emergency Pipe Clamps at 64c each. In preparing for trouble, he is going to save himself twenty times 64c some of these days. Write us. M. B. SKINNER & CO., 560 Washington Blvd., Chicago.



AETNA BRAND TANKAGE FERTILIZER

Is the best balanced fertilizer manufactured. It contains the ten salts constituting soil. It is giving satisfactory results wherever used.

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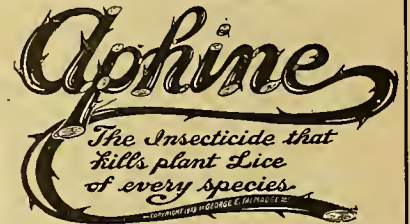
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A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.

Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.

Quart, 75c. Gallon, \$2.00.

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A soil averter for cut, eel, wire and angle worms.

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A scaldicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.

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A 12% nicotine solution properly diluted for fumigating or vaporizing.

Quart, \$1.50. Gallon, \$4.50.

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Standard, Azalea, Bulb, Orchid, Fern, Hanging, Embossed, Rose, Carnation, Palm, Cyclamen, Cut Flower. Special Shapes to Order. Chicken Founts, Pigeon Nests, Bean Pots, Etc. **WORLD'S LARGEST MANUFACTURERS.**

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1000 Ready Packed Crates Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000 1 1/4-in., crate, \$6.00	456 1/2-in., crate, \$5.24
1500 2 " " 4.88	320 5 " " 4.51
1500 2 1/4 " " 5.25	210 5 1/2 " " 3.78
1500 2 1/2 " " 6.00	44 6 " " 3.16
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Our Specialty: Long Distance and Export trade.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

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C. Brettschwerth, Prop.

SYRACUSE, N. Y.

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For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, \$1.00 per dozen by express. Sample dozen by mail, \$1.25.

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Full size and wide bottoms.

BULB PANS and AZALEA POTS

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that you will be proud to have on your benches is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?
We also have a full line of Azalea Pots, Hanging Baskets and other goods used by Florists—ask for catalogue.
We also make the famous "Moss Aztec" Ware.

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DREER'S "Riverton Special" Cedar Plant Tub

No.	Diam.	Ea.	Doz.	100
10	20 in.	\$1.45	\$16.00	\$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
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Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

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Send for samples of Three Color Shipping
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Letterheads and Envelopes showing special
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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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OFFICERS ELECT—DANIEL MACROBIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at Houston, Tex., August, 1916.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Harbor, Me., June, 1916. WILLIAM GRAY, Newport, R. I., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., January, 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., August, 1916. EMIL T. MISCHE, Portland, Ore., President; R. W. COTTERILL, Seattle, Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November 10-14 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westery, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

Panama-Pacific Flower Show.

HELD AT SAN FRANCISCO, OCTOBER 21-26, UNDER THE AUSPICES OF THE PACIFIC COAST HORTICULTURAL SOCIETY, THE CHRYSANTHEMUM SOCIETY OF AMERICA AND THE PANAMA-PACIFIC EXPOSITION DEPARTMENT OF HORTICULTURE.

Chrysanthemums the Feature.

This exhibition, conducted under the auspices of the Pacific Coast Horticultural Society, in conjunction with the Chrysanthemum Society of America and the department of horticulture of the Panama-Pacific exposition, was held in the Palace of Horticulture on the exposition grounds, San Francisco, October 21-26. The show opened auspiciously, Thursday, the first day having been designated by the exposition authorities as "Horticulture day" and the splendid display of plants and cut blooms in many classes attracted throngs of pleased visitors and filled the large building to its capacity from the opening until the closing hours. Souvenirs in the shape of cut flowers, packages of seeds, a large number of small ferns and samples of canned goods, etc., were presented by exhibitors as appropriate mementoes of the occasion. George A. Dennison, H. Plath, Eric James and T. Taylor worked indefatigably to make the exhibition the splendid success it proved to be and a number of exhibitors worked through the whole night previous to the opening to have their displays in perfect shape.

Chrysanthemums being one of the principal features of the show, a grand array of blooms was staged, the average being well up to the best eastern standards, and some of the specimens were worthy of front rank at any show. Percy Ellings, of the Lynch Nursery Co., Menlo Park, displayed some wonderful blooms as did the Hillsborough Nurseries of Burlingame, while the Japanese growers, Shibuya & Ishida, Menlo Park; Fred. Y. Agari, San Mateo; M. Sarubo, Mountain View; T. Yamaguchi, Redwood City; T. Etow and M. Tamura staged excellent showings.

The competition in the class for 25 chrysanthemums in not less than 20 varieties, not over 18-inch stems, brought forth a collection equal to the

best exhibited at any eastern show, prominent in the collection being the following varieties: Mrs. Gilbert Drabble, Wm. Turner, Maud Jeffries and Mrs. A. S. Watt, white; Odessa, the best bloom in the show; Marigold, Mrs. R. C. Pulling and Nakota, yellow; Mendon, Glen Cove, Nerissa and Elberon, pink; Mrs. H. Stevens, Ongowa, Kara Dow and Tekonsha, bronze; J. W. Mollineaux and Flamingo, red. The largest bloom in the show was a wonderful specimen of Wm. Turner, for which first prize was awarded to the Lynch Nursery Co.

H. L. Goertzchain, of the Redwood City Nursery, exhibited 50 blooms of the variety Ongowa, and finer blooms of this variety the writer has never seen—large flowers on long stems, and foliage perfect. The exhibit of the Lynch Nursery Co. made a grand display of the varieties, Wm. Turner, Odessa, Nerissa and Flamingo. The showing of specimen plants was not very extensive, M. Sarubo having the largest specimens, while the Hillsborough Nurseries showed some nice plants, smaller in size, but splendidly finished.

The display in the miscellaneous plant section was not as extensive as might be desired, but the quality was of the very highest degree. The display of orchid plants arranged for effect, exhibited by J. A. Carbone was wonderful both as to variety and quality of the blooms, the flowers being excellent. This exhibit consisted of 20 varieties of cypripediums, cattleyas, oncidiums, dendrobiums, laelias, stanhopeas and phalaenopsis in many varieties, arranged on stems of tree ferns and around the base of the ferns. This display was the leading feature of the show and well deserved the gold medal awarded for it.

Eric James, of Oakland; H. Plath, Domoto Bros. and the commissioners of San Mateo were the principal contestants in classes for ferns and foliage plants, the specimen plants of nephro-

lepis, staged by Mr. James, as well as his hanging basket of ferns and a basket arranged with foliage plants, being especially worthy of the first honors awarded to him. The group of ferns exhibited by H. Plath was splendid in both variety and quality of the plants, and very few growers in the United States can equal the number of varieties represented in this display. Some especially fine plants of *Primula obconica*, with large trusses of giant flowers, were also a feature of this exhibit and the writer has never seen a better lot of cyclamen at this season of the year, and in fact they would be hard to beat at any time, as would the plants staged by H. Hayashi & Co., Elmhurst.

The most striking feature of the show from the standpoint of an eastern visitor was the exhibits of dahlias and tuberous rooted begonias such as seen here, the baskets of Minna Burgle, red; Delice, pink; Geisha, yellow and red, and Mrs. Kittlewell, crimson, all of them magnificent, were an exhibition in themselves, as was the collection shown of other types, noteworthy being the display of the Bessie Boston Dahlia Farm, San Mateo. There were two exhibits of tuberous rooted begonias, one from Henry E. Bothein of Ross Valley and the other from the Vallance Nursery Co., Oakland, the Bothein display being a decided show feature. The flowers were all grown by James Niven of the Bothein establishment, the coloring being of the most beautiful shades and some of the flowers being more than six inches in diameter.

The exhibits of roses and carnations did not line up with the other varieties either in quantity or quality of bloom, and while nice clean stock was shown it would be classed in the east as good commercial stock, the leading exhibitors being Adachi Bros., Stege; Domo to Bros., Oakland; Ferrari Bros. and E. W. McLellan & Co., San Francisco.

The jurors were as follows: Wm. Munro, San Mateo; Ed. Schwerin, Chas. Abraham, Wm. Eldred, J. W. Bagge, San Francisco; Geo. Walters, Ross Valley; C. W. Johnson, Chicago; John Gill, West Berkeley; Sidney Clack, Mayfield; Mrs. Myrtle Shepherd Francis, Ventura.

The Awards.

CUT FLOWERS—CHRYSANTHEMUMS.

Ten blooms, one variety, long stems—Lynch Nursery Co., Menlo Park, Chrysanthemum Society of America silver cup.

Six vases, 6 varieties, 3 blooms of each, long stems—T. Etow, San Mateo, Calif., Hitchings & Co.'s silver cup.

Three blooms, Earl Kitchener—Lynch Nursery Co., 1st; Mrs. C. R. Walters, Menlo Park, 2nd; Shibuya & Ishida, Menlo Park, 3rd.

Six blooms, any white, one variety on long stems—Lynch Nursery Co., 1st; T. Etow, 2nd.

Six blooms, any pink, one variety, long stems—Shibuya & Ishida, 1st; Hillsborough Nurseries, Burlingame, 2nd.

Six blooms, 2 white, 2 yellow, 2 pink, staged in separate vases—Lynch Nursery Co., 1st; Hillsborough Nurseries, 2nd.

Six blooms, 6 varieties, long stems—Percy Ellings, Menlo Park, National Association of Gardeners' silver medal.

Twelve varieties, 1 flower each, 12 to 18-inch stems—Lynch Nursery Co.,

1st; Mrs. J. Roos, Oakland, 2nd; Hillsborough Nurseries, 3rd.

Twenty-five blooms Mrs. W. H. Buckbee—Shibuya & Ishida, H. W. Buckbee's silver cup.

Ten blooms each of 10 varieties—Shibuya & Ishida, 1st; Millsborough Nurseries, 2nd; Fred Y. Agari, San Mateo, 3rd.

Vase 50 chrysanthemums in variety, not less than 10 varieties—Hillsborough Nurseries, 1st; Mrs. R. C. Darby, San Francisco, 2nd.

Vase 50 yellow—T. Etow, 1st, with Chrysolora; Shibuya & Ishida, 2nd.

Vase 50 white—Lynch Nursery Co., 1st, with Wm. Turner, Fred Y. Agari, 2nd.



Chicago Flower Show Poster.
From Lithograph in Six Colors.

Vase 50 pink—M. Sarubo, Mountain View, 1st, with Chieftain; T. Yamaguchi, Redwood City, 2nd.

Vase 50, any other color—H. L. Goertzahn, Redwood City, 1st, with Ongowa; Fred Y. Agari, 2nd.

Vase 25 white—Lynch Nursery Co., 1st, with Wm. Turner; T. Yamaguchi, 2nd.

Vase 25 yellow—Shibuya & Ishida, 1st, with Sissowalsh; Hillsborough Nurseries, 2nd.

Vase 25 pink—Hillsborough Nurseries, 1st, with Chieftain; Shibuya & Ishida, 2nd.

Vase 25 red or crimson—Mrs. Richard H. Grey, East Oakland, 2nd, with a vase of assorted crimson.

Vase 25 any other color—M. Tamura, 1st, with Wm. Pook; T. Etow, 2nd, with O. H. Broomhead.

Twenty-five, in not less than 20 varieties, one bloom to vase—Lynch Nursery Co., 1st; Mrs. J. Roos, Oakland, 2nd.

One largest chrysanthemum, any other color—Lynch Nursery Co., 1st, with Wm. Turner; T. Etow, 2nd, also with Wm. Turner.

Thirty chrysanthemums in 6 varieties—Geo. H. Young, San Mateo, 1st.

Vase of 12 white—Wm. Young, 1st, with Wm. Turner.

Vase 12 yellow—Mrs. Sigmond Stern, San Mateo, 1st, with a fine bunch of Mrs. J. C. Neill.

Vase 12, any other color—Wm. Young, 1st, with Pockett's Crimson; Mrs. J. Roos, 2nd. C. W. JOHNSON.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Pricing the Goods.

As long as there are stores, and men and women to run them, there will be different ideas as to how they should be conducted, how best they can serve the public, and at the same time insure a good profit for the proprietor. The retail florist's business is a particularly hazardous venture, in that his stock is so perishable; it must find a quick sale or loss is inevitable. It is with this fear constantly before them that makes many florists sell at times for a very small profit, or at cost or even less.

The question of the gross profit, how large it should be, and whether it is right to ask one customer more than is charged to another, are questions that seemed destined to be never settled. The most successful stores in other lines, like the large department houses, have long ago adopted the one price system. All goods are marked in plain figures so that customers in a measure wait on themselves. Quite a number of flower shops have adopted this plan, a plainly marked price on all articles, even the vases of flowers in the case bearing price cards of roses or other flowers, stating the price per dozen.

OPINIONS OF STOREKEEPERS.

At a recent meeting of the Philadelphia Retail Florists' Association this question of pricing goods came up. In the discussion which followed the results showed that there was much difference of opinion as to the best course to pursue. Those who had tried the one price system were satisfied that it was the best, while there were others who thought it all right to get at all times the best price they could. One dealer, who employed cheap labor, priced all his goods so that they could be handled intelligently without too much watching of the assistants. In order to meet the ideas of some of his customers who judged values by the prices asked, a number of his \$1 plants were priced as well at \$1.50, and purchased by customers who expected to pay about that price. While this is in effect having two prices, yet there the plants are, and the customer is free to make his selection. One who did not put prices on his goods was frequently in hot water in giving a price on a plant when another customer has had it priced by an attendant at a lower or higher figure almost in their hearing. It appeared that most of the fraternity believed in getting all they could, while the minority felt sure they were on the right track in treating all alike, with prices displayed. It begot the confidence of their customers, who felt they were being rightly treated. A system of a large retail dealer was cited in pricing cut flowers. A shipment of the same grade of roses was placed in three jars, each jar priced differently, flowers being of-

ferred in this way to all alike, but those desiring a higher grade rose could pick them out by the price they desired to pay, while at the same time the frugal customer found in another vase just what suited his purse.

PRICES AT RUSH TIMES.

The busy seasons of Easter and Christmas are cited by some as times when high prices should prevail, and that at such periods a salesman should take advantage of the wants of his customers and get four dollars for an azalea or similar plant marked three, if he can get away with it. Making one price, having it plainly marked and placed in the pot or on the plant, and sticking to it, is the safest plan, and best to use as a foundation for future business building. To make reductions at the final wind-up is sometimes good business, but only to people looking for bargains, as an inducement to make the sale larger. Very often regular customers come in late and are quite relieved to find good stock still on hand. It would be very bad business to offer such trade as this low prices, as they want good things, are able and expect to pay for them.

Honesty is the best policy in the flower business as well as in all others. Giving, if possible, a little more than is expected makes pleased customers; as a rule, these will not go elsewhere, and always have a good word for the store to flower buying friends.

K.

Fourth National Flower Show.

The work of preparation for the fourth national flower show, Philadelphia, Pa., March 25-April 2, 1916, received a great impetus through the three-day visit of the national flower show committee, October 18-20. With the exception of W. N. Rudd, Morgan Park, Chicago, the entire committee, with President Patrick Welch of the S. A. F. and O. H., was present.

On the morning of October 18, the members of the committee were greeted by Chairman George Asmus of Chicago at the Bellevue-Stratford hotel, and the sub-committee on schedule consisting of Chairman Asmus, C. H. Totty, Thomas Roland, Adolph Farenwald and Secretary John Young, at once adjourned to Parlor 215, where the preparation of the second preliminary schedule was at once proceeded with. President S. S. Pennock, of the American Rose Society, was also present. Secretary John Young presented a list of special prizes offered for various exhibits, and the disposition of them through the schedule occupied considerable time. In the section for private growers, a class was added covering a group of flowering and foliage plants, arranged for effect, to occupy 25 square feet, the stock shown to be produced from 2,500 square feet of glass or less, the exhibitors to be members of the Florists' Club of Philadelphia. This class will be appreciated by private gardeners who are limited to a very small area of glass for their products.

In the commercial section a class was added for a group of crotons, arranged for effect, to cover 100 square feet, with prizes of \$150 and \$100. The premium list for the carnation section was approved, and many other matters settled.

The sub-committee on schedule was again in session in the afternoon, and



BOUQUET FOR DUNNE-CORBOY WEDDING, OCT. 20, BY GEO. WIENHOEBER, CHICAGO
Matron-of-Honor Bouquet of Mrs. Chas. Russell Roses and Lily of the Valley.

at this meeting there were present many of the chairmen of the local committees, and the gathering eventually merged into a meeting of the local executive committee, W. P. Craig, Arthur Niesen, secretary and treasurer of the local executive committee; Robert Craig, E. J. Fancourt, W. F. Therkindson, Fred Cowperthwaite, Chas. Grakelow, S. S. Pennock, John P. Habermehl, Louis Burk, Wm. Kleinheinz, C. H. Fox, J. Otto Thilow and Franklin Barrett, all making reports for their respective committees, which showed

the work of the show was progressing in a most satisfactory manner. W. F. Therkindson, as chairman of the committee on publicity, presented samples of advertising "stickers" for use on stationery, packages, and in other ways, 250,000 of which had been ordered, and which could be obtained by anyone who could use them to advantage. He also displayed samples of large posters, and two sizes of card posters, all of which were approved by the committee and adopted. Mr. Therkindson's report was very interest-

ing, and covered in detail the work and plans of his committee. In closing, he appealed to all who could do so to furnish him with articles and photographs covering floricultural subjects, and adapted for use in his campaign of publicity. J. Otto Thilow, for the committee on lectures, reported that his programme was practically complete; it provided for moving pictures each afternoon and illustrated lectures each evening. Chas. Grakelow, for the committee on special features, outlined what his committee aimed to achieve, and some novel show features are now expected to evolve from the committee. Franklin Barrett, for the committee on aquariums, promised a very extensive line of exhibits in the aquarium section.

The following morning there was a full meeting of the national flower show committee, at the Bellevue-Stratford, there being present Chairman George Asmus, Secretary John Young, Treasurer W. F. Kasting, A. Farenwald, C. H. Totty, Thomas Roland, Wm. P. Craig and President Patrick Welch. Local Executive Secretary Arthur A. Niessen was also present. Secretary Young reported that the guarantee fund was practically complete, that space aggregating over \$6,000 had been already reserved in the trade section, and that advertising contracts amounting to over \$1,200 had been booked for the official souvenir programme. In all probability, he said, every available foot of space for trade exhibits would be sold. The committee voted that a call for 50 per cent of the amounts subscribed to the guarantee fund be made February 1. The recommendations of the various committees made at the meeting of the local executive committee were considered, and appropriations made to cover the requirements of such committees. The local executive committee was authorized to secure an office in a central location, and to employ the necessary clerical help for the committees. The price for trade tickets was fixed at 25 cents each, not less than 25 tickets to be sold to anyone at this price. C. H. Totty, Madison, N. J., was appointed chairman of the board of jurors, and Wm. Graham, of Philadelphia, Pa., was appointed manager of the show.

In the afternoon the committee, with many of the chairmen of the local committees, visited Convention hall and inspected it thoroughly. With the information now available as to the requirements of the competitive exhibits in point of space, it was obvious that more room would be required than was afforded by the present lay-out, so it was decided to move the trade exhibits a little distance from the marked central area of the hall, to increase the room for the competitive exhibits. The secretary was instructed to notify any exhibitor who had made a reservation whose plans might be affected by the change, that the rearrangement was made necessary by the great number of competitive exhibits promised, and the elaborate scale on which many of them are to be staged, all adding to the attractiveness of the exhibition. If found necessary, the secretary was authorized to issue a new plan. Space was allotted for booths for the Pennsylvania Horticultural Society and the garden clubs of Philadelphia and vicinity, for the lecture room, and for the exhibits of aquaria.

Tuesday evening the members of the national flower show committee were guests of the Florists' Club of Philadelphia at a special meeting of the club held in its rooms, President Burton of the club surrendering the gavel to Chairman Asmus of the flower show committee. The forthcoming fourth national flower show was, of course, the whole subject of the program, and tremendous enthusiasm in the project was evoked. The spirit of optimism prevailed, and if there was a pessimist anywhere in the neighborhood who wished in any way to throw cold water on the enterprise, he very discreetly kept away. It was a "get together" meeting, if ever there was one. Speeches came fast and thick, and applause was unspared. It was a meeting long to be remembered, and spoke volumes for the success of the show.

JOHN YOUNG, Sec'y.

PLANT NOTES.

Antirrhinums.

The antirrhinums for winter and spring blooming should be planted out in the bench at once if this has not been done already. To have good long large spikes the soil should be rich, fully as strong as that used for rose and carnation culture. Set the plants 12 inches apart each way and as soon as the long shoots begin to grow place a strong stake to each plant and keep the plant tied to it as fast as it grows. A night temperature of 50° is the best for the winter culture of this plant; if grown much cooler than this they will not bloom until early spring, and if warmer the spikes and flowers will be of inferior quality. While the white antirrhinum is the most in demand, for it cannot only be used as a decorative flower but also arranges beautifully in sprays or funeral work, yet the pink is also much in favor for both purposes; the yellow also is very popular as a cut flower and in decorations, but the reds and other colors should be grown in small quantities, for they are not popular with many of the customers. With the exception of keeping the plants tied erect they will not require much attention until they begin to bloom.

Outdoor Roses.

The hybrid perpetual roses should now be made ready for the winter. Many growers lay the canes down and cover them with earth. While this may be necessary in extremely cold sections, yet in the majority of places in the country it will not be required. Under no circumstances cut the canes back, but leave all the wood that has been made on the plant, for it will winter kill to some extent, and it is but six or eight inches at the base that is wanted for next year's growth. This six or eight inches should be well protected from the freezing weather. If the bushes are planted in rows, the earth should be spaded out between them and thrown around the bushes, making ridges about 10 inches above the level of the soil. This will make a trench between the rows about 18 inches deep, which should be filled with manure. The manure should be barnyard manure with more or less straw in it, and will make a fine covering for the ground. Where the bushes

are planted individually the soil should be banked around them in a similar manner and the trench around the bush filled with manure, allowing some of the manure to come up around the bush. In the spring the manure will have almost all disappeared and the soil can be spaded back into the trenches and remaining manure spaded in. This will carry the rose bushes through almost any winter and give them a good manuring for the next season's growth.

Azaleas.

The imported plants of azaleas will soon be received, and preparations should be made to pot and care for them upon their arrival. The plants have been out of the soil now for four or more weeks, and although all the attention possible is given in the packing and shipping, yet the plants suffer considerably and should be handled at once upon their receipt. Have a stock of azalea pots on hand of the different sizes to meet all requirements. The full-sized pot is no longer used to grow azaleas, the plant making a much better appearance in the azalea or half-size pot. Any kind of soil will do, but if the plant is to grow on after blooming a fibrous peat is to be preferred. When the plants are unpacked they should be immediately carried to the potting shed. Some will probably have too large a ball for pots that will look best with the size plant. The roots can be cut off with a sharp hatchet to fit the pot. Have a tub of water in which the ball of earth can be stood until thoroughly soaked. Many growers neglect this, deeming it unnecessary, but in our experience if not done the water runs down the outside of the pot in the new soil and it takes many waterings and considerable time to soak up the old ball, and the plants are meantime suffering for moisture. Pot very firmly, ramming the soil down hard and after potting the soil should be thoroughly watered until all the soil in the pot has become saturated. The inclination is to place the early varieties immediately into the heat, but six weeks in a house at 65° or 70° will bring them into bloom for Christmas and if the plants are received by November 1 ten days in a cool house will enable them to recover from the effects of the long shipment and become re-established and they will force much more readily and successfully. The dropping off of buds is often attributed to this placing them in the very hot houses before they have become settled in the new soil. Frequent syringings will be required after being placed in the warm house. The later varieties should be placed in cool houses or pits until the time to bring them in to the warmer temperature.

Chrysanthemum Early Rose.

The illustration herewith shows a seedling from Smith's Advance, rose color as the name implies, of a bright pleasing shade under all conditions of light. Form incurved, size six inches, stem and foliage excellent, dwarf habit, 2½ to 3 feet high. Best bud August 25, producing a fully matured flower in six weeks. Early pinks are very scarce and it is thought this variety will supply the long looked for October pink.

Cleveland Flower Show.

The Cleveland Rotary Club is to have a day set aside in its honor at the flower show, Thursday, November 11, having been selected, this being the regular meeting day of the club, and it is planned to have the entire membership attend the show in the Coliseum immediately after the club meeting and luncheon. It is anticipated that many of the Rotarians from other Ohio cities will attend on this occasion, invitations having been sent to Rotary clubs at Akron, Canton, Cincinnati, Columbus, Dayton, Lima, Piqua, Springfield, Toledo, Youngstown and Zanesville. Other invitations in the middle western cities include Detroit, Indianapolis, Pittsburgh, Erie, Buffalo and Rochester. The flower show committee will have special decorations in honor of the visiting Rotarians and souvenirs will be presented to all who attend. The Cleveland Rotarians who are taking an active interest in the management of the Cleveland flower show are: H. B. Jones, of the Jones-Russell Co., member of the publicity committee; H. P. Merrick, manager Lord & Burnham Co., chairman trade displays committee.

The honor of being the first to make entries in the Cleveland show belongs to the Cottage Gardens Co., Queens, N. Y. Many other entries have followed at a rapid rate, indicating that the entry list will be a big one. A new class, No. 162A, is announced for Thursday entry. This will be for 150 lily of the valley, foliage or greens allowed, arrangement to be considered, grown and arranged by exhibitor, who may furnish his own. Chas. Schwake & Co., Inc., New York, have offered three prizes, \$12, \$8 and \$5 in this class. All committees are meeting daily at the Coliseum under direction of H. P. Knoble, general chairman.

President Woodrow Wilson is to participate in the Cleveland flower show to the extent of naming a new variety of chrysanthemum, specimen blooms of which have been sent to him at the White House, by Elmer D. Smith & Co., Adrian, Mich., the president having assured E. Prentiss Baldwin of the executive committee of the show that he will take pleasure in christening the new flower. The announcement of the new variety named by President Wilson will be made before the opening of the show, November 10. The flower show committee at Cleveland has received samples of this chrysanthemum and are enthusiastic in its praise. It has a rich, golden color, with the shade deepening at the center of the blossom. The lower petals are larger and longer than in similar types, giving a dome-shaped appearance rather than round as in many other varieties. Developments during the past week add to the enthusiasm of the Cleveland florists. A large attendance of delegates to the several organization meetings to be held during the show are indicated. How well the local committees have prepared for the entertainment of the visitors is revealed in the following programme:

THURSDAY, NOVEMBER 11.

Meeting of Florists' Telegraph Delivery, 11 a. m.

Bowling tournament at Erie Bowl-



NEW CHRYSANTHEMUM EARLY ROSE.

ing alleys, time to be announced later.

Pink tea with novel entertainment features for visiting lady florists and wives of exhibitors.

FRIDAY, NOVEMBER 12.

Meeting of American Rose Society.
Meeting of executive committee of American Carnation Society.

Adjourned meeting of the Gladiolus Society of Ohio.

Banquet to visiting florists and exhibitors in the evening.

SATURDAY, NOVEMBER 13.

Smoker in the evening to which all visiting florists and exhibitors are invited.

All meetings of the societies will be held in the rooms of the Cleveland Florists' Club in the Hollenden hotel.

Greenhouse Builders' Chicago Show Prizes

An item of unusual interest in connection with the Chicago Grand Floral Festival, to be held in the Coliseum, November 9-14, is the 25 silver cups being donated by the greenhouse manufacturers of Chicago. Instead of taking space in the Coliseum annex and making trade exhibits of greenhouses and greenhouse appliances, as is usually done at the annual convention of the S. A. F., the greenhouse manufacturers of Chicago suggested that the space be sold to others and that a contribution of \$500 be collected among the manufacturers and donated to the show to be used as prizes.

The following greenhouse manufacturers held a meeting, October 13, at noon at the Grand Pacific Hotel: Lord & Burnham Co., Foley Greenhouse Mfg. Co., Garland Mfg. Co., Ickes-Braun Mill Co., A. Dietsch & Co., John C. Moninger Co.

Prior to the meeting the manufacturers had luncheon. The following

were on hand to represent the various firms:

P. J. Foley, Foley G'nhouse Mfg. Co.
Fred Sykes, Lord & Burnham Co.
Fred Dietsch, A. Dietsch & Co.
E. F. Kurowski, J. C. Moninger Co.
D. B. Dulmage, Garland Mfg. Co.
P. L. McKee, John C. Moninger Co.

All of those at the meeting were entirely in accord with the idea to help out the Chicago show this year. It was the general opinion that this being the first Chicago show for some years, it was very necessary to make it a success and that the greenhouse manufacturers of this city ought to contribute to it on account of it being a local show and of direct interest to the Chicago firms. Carl Ickes of the Ickes-Braun Mill Co. was unable to attend, but telephoned that he fully agreed with every detail of the plan.

A subscription was taken and a fund of \$500 was made up for the purchase of the cups. The premium committee has been notified and a complete list of the cups will be made up shortly. It is expected that the action of the greenhouse manufacturers in getting together in this way and making a bulk contribution will set a precedent for others of the allied trades and the future may bring more concerted action in this direction.

P. L. McKee was given authority to collect the funds, arrange for publicity and the distribution of the prizes. The cups will be made shortly and it is expected that they will be exhibited in one of the prominent downtown stores prior to the opening of the show. When the show opens, the plan is to have the cups in a large glass case on exhibition. The names of all of the donors will be engraved on the cups as well as the name of the prize and a space left for the name of the winner. Winners of the prizes can have their names engraved on the cups without any charge being made, as this has all been arranged with the manufacturers of the cups. More complete details as to classes in which the various cups have been placed, kind of cups, values, etc., will be given later.

JOHN C. MONINGER CO.

Washington.

Market conditions at the present writing are very satisfactory, plenty of good stock to be had in a range of prices. Chrysanthemums are quoted at from \$4 to \$20 per hundred and roses are plentiful and bring good figures. Richmond, Ophelia, Hoosier Beauty, Radiance, Taft, Russell, Ward, etc., bring from \$3 to \$8 per hundred. Carnations are plentiful and of good quality, and are selling at from \$1.50 to \$2 per hundred. Lily of the valley is improving and is priced at \$4. Easter lilies are \$12 per hundred and the price of orchids varies from \$3.50 to \$5 per dozen for the best.

NOTES.

Fred Kramer's store has the appearance of a chrysanthemum show. Quantities of this flower in variety extend from the front door to the rear of the conservatory.

This is the season for palms and ferns, as evidenced by the windows of the downtown florist shops, these plants being featured at prices from 39 cents up.

The Washington Floral Co. is cutting some extra fine Russell, Sunburst and Double White Killarney roses. Good orchids are seen here.

Geo. H. Cooke reports trade very good and is looking forward to one of the best season's business he has had in many years.

The Leo Niessen Co. is receiving some excellent chrysanthemum plants for which there is a good demand.

The window boxes which go around the Z. D. Blackistone store attract much attention.

Marche & Co. report a heavy run of funeral work during the past week.

G. C. D.

Detroit.

SPECIAL CLUB MEETING.

A special meeting of the florists' club was held in the club rooms on the evening of October 18, the occasion being an address by ex-President Philip Breitmeyer covering his observations on his extended trip to the Pacific coast. Accompanied by Mrs. Breitmeyer, he left Chicago, August 10, taking the southern route, with San Francisco as the objective point. The first place of great interest en route was the Grand Canyon of Arizona, the wonderful natural scenic beauty here making a strong impression and the many features of interest defying description. Aside from the many other attractions, the great abundance of mistletoe naturally attracts the attention of the florist. The berries were yet green, but the abundance of it growing in such lofty situations made it a feature of unusual interest.

On the way to Los Angeles, which was the next stop, the reputed fields of cactus were looked for in vain, although the section where it may have been growing might have been passed during the night. Mid-summer is not the time to see the flora of lower California at its best, and the meager display seen at Los Angeles was both a surprise and a disappointment. The weather was hot, and the grass and other vegetation was dried up and anything but attractive to one coming from a part of the country where such conditions never prevail. The roads, however, good, wide and smooth, are the delight of motorists, and many beautiful and costly bungalows were seen throughout the city and environs. Hollywood and Pasadena are both beautiful suburbs, the speaker said, but distressingly devoid of the floral ornamentation that a visitor would naturally expect to see. The flower shops in Los Angeles were found to be numerous, but the majority of them

were small and not as up-to-date in equipment, as he would like to have seen, notable exceptions, however, being the establishments of the Redondo Floral Co. and Wright's Flower Shop, Inc.; also Fremont & Lewis' store, San Diego. Great forests of nut trees were noticeable. The native phoenix was seen here in great numbers and of immense size and the olive and pepper were much in evidence.

San Francisco impressed him as being a wonderful city, showing the result of great American enterprise in the restoration of its damaged sections to an amazing degree of structural magnificence. Among the flowers seen in the streets and parks, lantanas and pansies were the most conspicuous varieties and were a grand sight in themselves. Belladonnas, too, were numerous and the dahlias were of a quality that had never been surpassed. The establishments of the San Francisco florists were highly commended by Mr. Breitmeyer, all being well equipped, large and clean, with good stock offered by genteel, intelligent, courteous clerks, who were well posted in the wares handled. In these stores many fine specimens of celosia were seen in variety and the rose and carnation stocks were surprisingly good. Many greenhouse and nursery establishments were to be seen and particular reference was made to the MacRorie-McLaren Co.'s range, where good land and excellent general arrangement were noticeable. The electrical display in this city, the vim in the movements of the people and the spirit shown, reminded one of New York more than any other American city.

The Panama-Pacific exposition, the speaker termed as highly successful, and he stated he could not account for the animus prompting the statements made by some critics, which one occasionally hears. The Palace of Horticulture was described as very fine, but the interior arrangement is not in keeping with the size and splendor of the structure itself. Canada is represented by an immense building, and the display therein, consisting of the various products of the Dominion, including those of mining and forestry, together with manufactured articles, reflects great credit on the enterprise and skill of the exhibitors, and unfolds to many surprised visitors the marvelous resources of this northern country. The Japanese buildings contain wonderful exhibits of manufactured products of that interesting country, and as one examines them and associates their merit and cheapness in price as compared with similar American wares, the peril of that country's competition is apparent. The Panama canal in miniature is a most interesting reproduction, reflecting vividly the master minds responsible for this great engineering feat and its great commercial importance. Italy was well represented, it was stated, and that country's display of paintings and statuary easily bears out the reputation it deservedly enjoys.

Golden Gate Park was described as containing 1300 acres, and its evergreens and other wonderful plantings deserving of unstinted praise, the sight of these alone justifying a long journey. The big surprise, however, came when thousands of acres of cabbages near the city, all grown for the New York market, were seen.

Portland, Ore., was next visited, and here the most conspicuous thing noted were the hedges of Mme. Caroline Testout roses, this variety appearing to thrive outdoors better than any other. Immense trees, so often heard of, were seen here and in fact all along the route from San Francisco, fully measuring up to the wonderful size accredited to them. The drives about

the city are many and beautiful and lead into the extended boundaries, where are to be seen sub-divisions far in excess of the probable needs for future growth, but due to the energy and enterprise of enthusiastic real estate dealers. The florists here were found to be most affable and eager to extend trade courtesies, and the stores were as large and well equipped as those of eastern cities. Seattle and Tacoma were found to be alike in these respects. Tacoma has a stadium with a seating capacity of 25,000 persons which proved a point of interest. Seattle presented the appearance of an immense park. It is a fast growing city and has great shipping interests and facilities. Then followed a visit to Butte, Mont. Here the Columbia gardens presented a great display, 25,000 pansy plants being seen in one bed. During the flowering season the school children are allowed to pick the blooms each Friday. The city is barren of trees and impressed the speaker as a most desolate place in comparison with the other cities visited on the trip. The Butte Floral Co. has a large and well appointed establishment here.

Arriving at Lewistown, Mont., a small town 250 miles distant, Mr. and Mrs. Breitmeyer spent a few weeks with their married daughter, and enjoyed what seemed to them the most delightful and interesting of all Montana scenery, with pure air and refreshingly cool water, both keenly relished. The Dakotas were found most barren and uninteresting, and his return to Michigan and "dear old Detroit," after viewing such an expanse of western country, awakened in him anew his appreciation and love for his native city—Detroit, Michigan.

A hearty vote of thanks was given the speaker for his interesting address, which was enjoyed by 25 members of the club and two visitors, J. J. Cairns, of Philadelphia, Pa., and Elmer D. Smith, of Adrian, Mich. J. F. S.

Kansas City.

SUPPLY PLENTIFUL; PRICES FAIR.

Due to fine, sunshiny weather, there was an increase in supply during the past week and prices dropped accordingly. Carnations are very plentiful and are reasonable in price. Chrysanthemums are arriving in larger quantity and are better in flower, and retail from \$3 to \$6 per dozen. American Beauty roses are not to be seen in any great number and sell readily at \$5 a dozen and up. Some very fine lily of the valley is now seen on the market. Funeral work is still holding the pace, orders for decorations are more plentiful and plant orders are on the increase.

NOTES.

Juvenal & Son, formerly in business at White Church, Kan., have announced the opening of their greenhouse in the rear of their store in this city, October 30 to November 6. Both greenhouse and flower shop are nicely arranged and good stock is displayed. A souvenir will be given to each visitor.

Henry Kusik & Co. report trade in general very good, with an increase in shipping orders. Their carnations are excellent, and roses, while not seen in quantity, are of fine quality, and the same may be said of American Beauties. This firm is receiving some very fine lily of the valley.

T. J. Noll & Co. report trade, both local and shipping, as being very good during the past week. Carnations, chrysanthemums and roses are more plentiful and the quality is improving.

Arthur Newell reports general trade very good, with plenty of funeral work

and a good sale of filled baskets, which are always a good seller at his establishment.

The W. L. Rock Flower Co. has a large crop of carnations at the greenhouses, and chrysanthemums, especially in white and yellow, are looking fine.

W. J. Barnes is cutting some excellent chrysanthemums and his carnation stock is of good quality. Orders for decorations have been numerous.

August Luther, Jr., is cutting very good chrysanthemum stock. The demand for pot plants is also good, cyclamens selling especially well.

The Peterson Floral Co. have remodeled their store and it presents a very attractive appearance. Their stock is well displayed.

Miss Lou E. Boggess reports business very good. She is kept quite busy with funeral work.

Mrs. T. A. Mosely, on the Kansas side, has had several very good decorations lately.

Alpha Elberfield will probably attend both the Chicago and Cleveland fall shows.

J. Hepting is cutting carnations of good quality.

Visitors: Carl H. Vaughan, representing Vaughan's Seed Store, Chicago and New York; E. C. Pruner, Chicago; M. Simanton, Falls City, Neb.

E. J. B.

Cincinnati.

CHRYSANTHEMUM RECEIPTS HEAVY.

Heavy receipts in chrysanthemums and the holding on of outdoor dahlias and cosmos have resulted in the market crowding up somewhat and has caused the prices to lower slightly. Local demand is fair and steady while shipping business is very good. The supply of choice blooms in chrysanthemums up to this time has been rather limited and they have sold very well. The shorter stock is very plentiful and more than able to take care of all present needs. Pompons have been selling very well. Roses are very plentiful. Enough American Beauties are to be had to take care of all present needs. Carnations have only a fair market. Easter lilies continue to be plentiful, but the demand for them has slackened considerably, and they have dropped a few points in price. Other offerings include lily of the valley, orchids, cosmos, dahlias, rubrum lilies and single violets.

NOTES.

C. E. Critchell has been having a good call for his wild smilax.

Geo. Lampert motored to this city from Xenia, Ohio, October 24.

Visitors: Frank Farney, of M. Rice Co., Philadelphia, Pa.; Henry Ehrhardt, Sidney, Ohio; A. Miller, of A. Henderson & Co., Chicago, Ill. H.

Kroeschell Books Large Orders.

Kroeschell Bros. Co., 452 West Erie street, Chicago, is having a very busy season and has booked several unusually large orders recently, among which is that of the Albert Dickinson Co., which calls for a 600 H. P. water-tubed boiler to be used in heating their new establishment at 2750 West Thirty-fifth street, Chicago. This firm has just shipped two of its new patented water tubed and fire tubed steam boilers, each 225 H. P., to Omaha, Neb.

WAVERLEY, MASS.—The W. W. Edgar Co. has been successful in a suit against John L. Condon, formerly connected with the American Auxiliary Heating Co., Boston, Mass., to recover the proceeds of the sale of a boiler belonging to the W. W. Edgar Co.

The Late George Economopolus.

George Economopolus, one of the proprietors of the Alpha Floral Co., 146 South Wabash avenue, Chicago, died suddenly at the University hospital Wednesday morning, October 27, at 6 o'clock from ptomaine poisoning. He was out to dinner on Monday evening, October 25, with a party of friends and was taken so sick the next day that he was removed to the hospital for treatment, but his condition was not considered serious and even the attending physician was surprised when he passed away so suddenly on Wednesday. Mr. Economopolus was 37 years of age, and was born in Zoraphona, Greece, coming to this country at an early age and locating in Chicago. He has been engaged in the florist business for nearly 15 years, and for a time had charge of the stand in the Union Depot. He later opened a place in the basement at 106 South Wabash avenue, where

he met with such good success that he and Gus. Pappas of Des Moines, Ia., opened a new store upstairs where he was in active charge up to the time of his death. He had an operation for appendicitis recently, and was only out of the hospital for a few months, but was feeling in the best of health, and his sudden death came as a surprise to his many friends in the trade. He was a bachelor and the only relatives he has in the city are a brother, Gus. Economopolus, and a cousin, Peter Duris. Mr. Economopolus, or George, as the trade knew him best, was a man of good habits and had a host of friends in the trade here as well as elsewhere. No arrangements have been made as yet for the funeral, as the relatives are awaiting the arrival of his business partner, Mr. Pappas, who has charge of the Des Moines, Ia., store, and who is expected to reach here Thursday, October 28.

Chicago Grand Floral Festival.

SOME OF THE SPECIAL PRIZES.

All the plans for the Grand Floral Festival, to be held at the Coliseum, November 9-14, were fully discussed in a half-day meeting of the executive committee, held at the Morrison hotel, October 21, when A. Henderson, W. N. Rudd, W. J. Keimel, August Poehlmann, N. J. Wieter, E. F. Kurowski, Guy W. French, N. P. Miller, E. A. Kanst, Payne Jennings, Robert Brenton, J. H. Burdett, August Koch, James Morton and M. Barker were in attendance. The final premium list is in the hands of the printers and will be ready for mailing this week. Copies may be had on application to Secretary N. P. Miller, 179-183 North Wabash avenue, Chicago.

In addition to the handsome collection of cups donated by greenhouse construction concerns in the vicinity of Chicago, a large number of other special prizes have been received, including the following:

- E. C. Amling Co., Chicago.....Cash \$50
- Aphine Mfg. Co., Madison, N. J.....Silver and glass vase
- The Armour Fertilizer Works, Chicago.....Half ton bone flour
- A. A. Arnold Paper Box Co., Chicago.....Boxes valued at \$25
- The W. W. Barnard Co., Chicago.....Gold \$25
- Bassett & Washburn, Chicago.....Cash \$20
- P. Bonvallet & Co., Wicher, Ill.....Gold \$10
- Brant & Noe Floral Co., Chicago.....Gold \$5
- Buchbinder Bros., Chicago.....Cash \$10
- J. A. Budlong, Chicago.....Gold \$15
- W. Atlee Burpee & Co., Philadelphia, Pa.....Cash \$10
- Chicago Feed & Fertilizer Co., Chicago.....Cash \$20
- Chicago Flower Growers' Assn., Chicago.....Cup valued at \$25
- Darling & Co., Chicago.....Cash \$20
- Erne & Klingel, Chicago.....Cash \$10
- J. A. Evans Co., Richmond, Ind.....One ventilating machine
- Farmers' & Florists' Fertilizer Co., Chicago..Cash \$5
- M. C. Gunterberg, Chicago.....Silver loving cup
- Benj. Hammond, Beacon, N. Y.....Cash \$10
- A. Henderson & Co., Chicago.....Revere hose, 100 feet—\$15
- Hoerber Bros., Chicago.....Gold \$10
- Ionia Pottery Co., Ionia, Mich.....Cash \$15
- International Fertilizer Co., Chicago.....Cash \$10
- W. J. Keimel, Elmhurst.....Cash \$50
- Kennicott Bros. Co., Chicago.....Shield \$25
- Kroeschell Bros. Co., Chicago.....Gold \$25
- Kyle & Foerster, Chicago.....Cut glass \$20
- Fred Lautenschlager, Chicago.....Cash \$10
- Miller & Musser, Chicago.....Shield \$25
- Nicotine Mfg. Co., Chicago.....Cash \$10
- Ernst Oechslin, Chicago.....Cash \$5
- Frank Oechslin, Chicago.....Gold \$25
- C. R. Palethorpe & Co., Clarksville, Tenn.....Cash \$15
- Everett R. Peacock Co., Chicago.....Cash \$5
- Poehlmann Bros. Co., Chicago.....Silver service set—\$50
- Pulverized Manure Co., Chicago.....Cup valued at \$25
- Pyer & Olsem, Chicago.....Cash \$25
- A. L. Randall & Co., Chicago.....One pair vases
- Peter Reinberg, Chicago.....Cash \$25
- M. Rice Co., Philadelphia, Pa.....Vase
- W. N. Rudd, Morgan Park, Chicago.....Cup valued at \$25
- Sefton Mfg. Co., Chicago.....Boxes valued at \$25
- Chas. Schwake & Co., New York.....Cup valued at \$15
- S. S. Skidelsky & Co., Philadelphia.....Cash \$5
- J. D. Thompson Carnation Co., Joliet.....Cup valued at \$25
- Vaughan's Seed Store, Chicago and New York.Cup valued at \$25
- A. L. Vaughan & Co., Chicago.....Cash \$10
- Weiland & Risch, Chicago.....Cash \$10
- Wieter Bros., Chicago.....Gold \$25
- Winterson's Seed Store, Chicago.....Silver Cup
- George N. Wright & Co., Chicago.....Cash \$10
- George Wittbold Co., Chicago.....Cash \$10
- Zech & Mann, Chicago.....Cash \$10

M. BARKER,
Chairman Publicity Committee.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

THIS ISSUE 52 PAGES WITH COVER

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Caution.

The trade is respectfully requested by THE AMERICAN FLORIST not to pay strangers or persons without proper credentials for advertisements or subscriptions.

Lily of the Valley Pips.

Reports from Hamburg and vicinity are that the season has been favorable for lily of the valley and that an unusually good crop of forcing pips has been harvested.

Shaw's Garden Banquet.

The annual banquet given to horticulturists by Shaw's garden, St. Louis, Mo., will be held November 19 this year, when J. K. M. L. Farquhar, of Boston, Mass., will be one of the speakers. The meeting of the Missouri Botanical Garden Alumni Association will be held at 10 a. m. the same day in the Graduate Lecture room.

American Dahlia Society.

The executive committee of the American Dahlia Society will meet at the society's office, Saturday, November 6, at 10 a. m., to make settlement of all premium bills and plan for the work of the coming year, including arrangements for one or more exhibitions, invitations having been received from several cities. The society is making rapid growth, additions to the membership list being a daily occurrence.

RICHARD VINCENT, JR., Pres't.

San Diego Exposition In 1916.

Los Angeles, Calif., October 21.—Continuation of the Panama-California exposition at San Diego throughout the year 1916, was practically decided upon at a meeting at the chamber of commerce, attended by representatives of nearly a 100 commercial and civic bodies of Los Angeles and by 20 leading citizens of San Diego, provided enough money is pledged. It is estimated a fund of \$178,000 will be necessary. The conference voted that the exposition, enriched by the accession of the choicest of the foreign exhibits at San Francisco, should be kept open during all of 1916.

Chrysanthemum Society of America.

REPORT OF COMMITTEES.

Philadelphia, Pa., October 23.—Alice Day, white, Japanese incurved, scored 89 points commercial; exhibited by Chas. H. Totty, Madison, N. J.

Cincinnati, O., October 23.—October Queen, white, Japanese reflexed, scored 87 points commercial; No. 45, yellow, Japanese incurved, scored 86 points commercial; No. 111-1-13, yellow, Japanese incurved, scored 89 points commercial. Exhibited by Elmer D. Smith & Co., Adrian, Mich.

Chicago, October 23.—October Queen, white, Japanese reflexed, scored 93 points commercial; No. 111-1-13, yellow, Japanese incurved, scored 92 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

C. W. JOHNSON, Sec'y.

Gas Damages Awarded Donaldson.

The suit of John Donaldson of Patchogue against the Newtown Gas Company for damage to his greenhouse stock in his greenhouses at Elmhurst, L. I., has been settled. The company paid Mr. Donaldson over \$2,700 in settlement. William H. Siebrecht, Jr., of Long Island City, was Mr. Donaldson's attorney.

The settlement of this suit is of more than usual interest inasmuch as the gas main which caused the trouble was practically new, having been laid only two years prior to the damage and, furthermore, no one ever smelled gas in Mr. Donaldson's greenhouse. Nevertheless, the growth of his stock of Easter lilies was stunted and his calla lilies destroyed. Experts who were called into the case pronounced illuminating gas as the cause of injury to the plants and flowers, and this was substantiated by certain experiments which Mr. Siebrecht caused to be conducted.

Shortly after this leakage Mr. Donaldson sold his property in Elmhurst and moved to Patchogue. His son, Alexander Donaldson, now conducts the florist business at his father's old

place. The first winter that the son used the same house, there was another leak, or a continuation of the same leak, which resulted in another suit against the same gas company.

State Florists' Association of Indiana.

The November meeting of the State Florists' Association of Indiana will be held at Richmond, Tuesday, November 2, instead of Monday, November 3, as announced at the Anderson meeting. Please make due note of the above change and arrange to spend the day with our Richmond friends. Indianapolis florists will leave the Union station at 7:05 a. m., via the Pennsylvania R. R. Buy tickets to Easthaven, which stop in directly opposite the plant of the E. G. Hill Co.

O. E. STEINKAMP, Sec'y.

Potter Buys McCallum's Branch.

We are pleased to announce that Wm. Q. Potter has purchased our Cleveland branch and from this date on will conduct it for himself, entirely independent of the Pittsburgh store, from which he has severed his connections. All accounts due the Cleveland branch are payable to Mr. Potter, who will also pay any obligations of the Cleveland branch. Mr. Potter has made a success of the Cleveland venture and our hearty wishes go with the sale that he may make it still a greater success.

THE MCCALLUM Co., INC.
Pittsburgh, Pa., October 21.

Southern Appreciation.

Vice-President-Elect Kerr, of the Society of American Florists, in tendering his resignation as a director of the society, writes President Welch as follows:

"Please accept my resignation as a member of the board of directors of the Society of American Florists, to become effective January 1, 1916, due to my election as vice-president of the Society of American Florists at San Francisco, which office becomes effective at that time. In resigning this office I want to express to you my gratefulness for being appointed on said board. I certainly have felt greatly honored. It has been the means of the southern florists coming in for recognition in this great organization. We have felt the need of this society for many years, but failed to develop enough interest in the south or to take sufficient interest in its affairs to deserve recognition in the past. If I could show you the many letters received from the florists throughout the south it would prove to you their appreciation also in this matter."

Price of Gasoline Advances.

The Standard Oil Co. of Indiana advanced the price of gasoline October 25 one cent to 12½ cents per gallon. In 100-gallon lots the price will be 11½ cents. Refined oil prices also will advance one-half cent per gallon to seven cents.

Florists' Telegraph Delivery.

The meeting of the Florists' Telegraph Delivery will be held November 11, at nine a. m., Hotel Hollenden, Cleveland, O., instead of the Hotel Statler as stated in previous notice.

ALBERT POCHELON, Sec'y.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As assistant on a private place; inside; good reference: English; age 25. Address Key 562, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted By German, 28 years of age, married; six years' experience in growing cucumbers in bothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Frenchman, sober and reliable wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORTION, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all-around gardener; 12 years experience in different European countries. First-class greenhouse man. References Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—Experienced saleslady for a north side Chicago retail store. Must speak German and be able to handle high class trade. Key 572, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Help Wanted—Experienced florists wanted for cut flower departments; no plantmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

Help Wanted—A sober, thoroughly capable florist and landscape gardener, permanent position. Board, lodging and laundry furnished. With recent references and salary expected. Address DR. CLARENCE PIERSON, Supt., Jackson, La.

For Sale—Five to nine acres of land cheap. Rare opportunity for florist. Address Box 51, San Antonio, Fla.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist greenhouse business; good seven room house; ¼ acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Cbillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—First class flower store; good location; doing good business. Penna. city of 80,000. Price reasonable; account ill health. Address Key 573, care American Florist.

For Sale—Completely stocked greenhouse, 35,000 ft. of glass, Penna. city of 80,000. Best location, near cemetery, doing good retail business. Price reasonable; owner in poor health. Address Key 574, care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—My retail florist business, located in the heart of Brooklyn, New York. It is a fine neighborhood and for fourteen years I have had a prosperous business. My reasons for selling are, that I have other interests that demand my attention. I have a new auto delivery car that the buyer of the business can secure at a reasonable price. For terms address, JOHN STOKES, 413 Gates Avenue, Brooklyn, New York.

For Sale or Rent—On account of death of my husband, have four greenhouses in fine condition. Established 28 years on the same place, opposite St. Paul Railroad Passenger station. Write MRS. J. VALOM, 838 31st St., Milwaukee, Wis.

Help Wanted:

Greenhouse vegetable grower, High class man familiar with in and outside market gardening. Young married man preferred. A good proposition for the right man. New modern plant. Give references. Address Key 576, care American Florist.

**TO GROWERS:
Hickory Wood Ashes**

FOR SALE. Apply at once to
CASTLE CAVE,
271-73 Seventh Ave., New York City

Wanted to Buy—Greenhouse, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

Exceptional Opportunity,

for a good grower to go in Business for himself.

Realizing that a number of successful growers are unable to go in business for themselves for want of capital, we are prepared to furnish the land, and erect the houses on a part payment basis.

Garland Manufacturing Company

Designers and Manufacturers of
GREENHOUSES COMPLETE.

Foundry, Machine Shop and Wood Mill
DES PLAINES, ILLINOIS,
(Suburb of Chicago).

We offer the above.
What have you got?

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

You need it now for names and addresses.

YOU— That means everyone engaged in any branch
of Floriculture--Private or Commercial
ARE INVITED TO ATTEND THE

Cleveland Flower Show

COLISEUM (65,000 square feet floor space), NOVEMBER 10th to 14th

CLEVELAND, OHIO

TWO GOOD ARGUMENTS WHY YOU SHOULD COME.

1st.—It will help your business by seeing the newest 'Mums, Roses, Carnations, Orchids, etc., etc.

2nd.—You will have an opportunity to see a complete line of the latest ideas in supplies of every kind, for every purpose, and an opportunity to make comparisons and place your orders for rush holiday delivery.

The following live Manufacturers, Dealers and Growers supplement the above invitation and urge your attendance:

Advance Co.—Richmond, Ind.
Arnold Paper Box Co.—Chicago, Ill.
H. Bayersdorfer & Co.—Philadelphia, Pa.
Bohlink & Atkins—Rutherford, N. J.
Geo. H. Bowman Co.—Cleveland, O.
Robert Craig Co.—Philadelphia, Pa.
DeLaMare Printing & Publishing Co.—New York City.
Henry A. Dreer, Inc.—Philadelphia, Pa.
Eagle Wire Works—Cleveland, O.
R. & J. Farquhar & Co.—Boston, Mass.
Florists Telegraph Delivery Ass'n.
Fowler Mfg. Co.—(Pot Washers), Cleveland, O.
The Garland Co.—Cleveland, O.
Grasselli Chemical Co.—Cleveland, O.
Hitchings & Co.—Elizabeth, N. J.
Roman J. Irwin—New York City.
D. D. Johnson—Chicago.
Kentucky Tobacco Product Co.—Louisville, Ky.

Chris Knuth, Plant Grower—Euclid, Ohio.
Kroeschell Bros. Co.—Chicago, Ill.
Leopold Furniture Co.—Cleveland.
Lion & Co.—New York, N. Y.
Lord & Burnham Co.—Cleveland & New York.

Lutton & Co.—Jersey City, N. J.
Merkel & Son—Mentor, O.
Mentor Nurseries—Mentor, O.
J. C. Muninger Co.—Chicago.
H. F. Mitchell Co., Inc.—Philadelphia, Pa.
Naumann Co., Plant Growers—Cleveland.
Jos. G. Neidinger—Philadelphia, Pa.
A. N. Pierson, Inc.—Cromwell Conn.
F. R. Pierson Co.—Tarrytown, N. Y.
S. S. Pennock-Meehan Co.—Philadelphia, Pa.

Fletcher & Leland—Zanesville, O.
Peters & Reed—Zanesville, O.
Overland-Cleveland Co.—Cleveland, O.
A. L. Randall Co.—Chicago.

Reed & Keller, New York City.
Chas. Reep (Concrete Vases)—No. Olmsted, O.
M. Rice Co.—Philadelphia.
Richmond Cedar Works—Richmond, Va.
Julius Boehrs Co.—Rutherford, N. J.
Bussin & Hanfing—New York City.
Scheepers & Co.—New York City.
J. L. Schiller, Plant Grower—Toledo, O.
Schloss Bros.—New York City.
Sixth City Wire Wks.—Cleveland.
Jos. Stern Co.—Cleveland.
Starr & Harrison—Painesville, O.
Stump & Walter Co.—New York City.
Thermo Fire Alarm Co.—Cleveland, O.
Tajimi Co.—New York City.
Chas. H. Totty—Madison, N. J.
B. Hammond Tracy—Wenham, Mass.
Vaughan's Seed Store—Chicago & New York.
Wertheimer Bros.—New York City.

NOTE—Space Left For 2 Small Exhibits.

Boston:

CHRYSANTHEMUMS RULE THE MARKET.

Business has fallen considerably from its high standard owing to the larger quantities of chrysanthemums which are being shipped to the markets. The season is now in full swing for this popular fall flower and they are the largest factor in the trade at present. Such varieties as Halliday, Polly Rose, Pacific Supreme, Early Snow and October Frost are most commonly seen. Pompons have commenced to become plentiful, both in cut blooms and as pot plants. Carnations have fallen off in price, \$2 per 100 being about the average. The demand is light, white and pink varieties being the best sellers. Roses, also, have fluctuated in price somewhat, but the demand is fairly good considering the general depression of business. Violets are becoming more plentiful, as are yellow marguerites. The plant trade runs mostly to chrysanthemums, cyclamens and ferns, the market being very good for them.

MARKET FLOWER SHOW.

The exhibition of flowers under the name of the Market Flower show, held in Mechanics' building, October 23-30 under the auspices of the Boston Co-operative Flower Market, did not prove to be the success that it was anticipated it would be. The affair seemed to suffer from lack of attention on the part of the growers, and in the chrysanthemum section the prizes offered were so small that few entries were made. The most notable feature of the show was the table decorations, which as usual attracted much attention from the public. Wm. Elliot had a fine display of roses, Hadley, Ophelia and Sunburst being of especially good quality. The carnation exhibit brought out the keenest competition. A. Roper of Tewksbury

showed a variety of seedlings. M. A. Patten, of the same city, also made a creditable display; Edward Winkler, of Wakefield, displayed a vase of his new seedling, Morning Glow; E. K. Farr, A. E. Eaton and James Wheeler also had exhibits. Norris Comley staged good Chrysolora and Pacific Supreme chrysanthemums, and also showed roses, violets and carnations. A very interesting display of dahlias was arranged by E. F. Dwyer & Son, Lynn, Mass. The classes for flowering and foliage plants brought out two contestants, Wm. W. Edgar Co., Waverley, Mass., and Mrs. M. Flood of Woburn, Mass.

NOTES.

It is well known that W. R. Nicholson, of Framingham, always has as fine a quality of chrysanthemums as is shipped to Boston, but this year his flowers are even better than ever. Saturday, October 23, he had a dozen Ramapo, which were the finest of any variety seen in Boston this year. His October Frost, also, were remarkable for their size and vigorous appearance. He is also cutting fine flowers of Mme. Touset, Chieftain and a buff sport from Mme. Touset. His pompons are coming in, Skibo being the leader at present.

E. H. Wilson, of the Arnold Arboretum, gave an interesting lecture on Japan, with stereopticon views at Horticultural hall, October 19. Some fine dahlias were displayed by W. A. Manda, Inc., South Orange, N. J., represented by Eber Holmes. Buddhaia magnifica grandiflora was also represented in a fine vase.

Penn, the Florist, is contemplating opening a branch of his Bromfield street store at the corner of Tremont street and Hamilton place, the store which was a short time ago occupied by Thos. F. Galvin, Inc. The

advantage of this location can readily be seen as Tremont street is one of the best "flower" streets in the city.

One of the most thrifty and vigorous looking houses of chrysanthemums in the vicinity of Boston is that of Carl Streiferd of East Braintree. He grows only the newer and best varieties, every plant of which is a credit to his skill as a grower.

A. Roper, of Tewksbury, is cutting a nice lot of carnations. He has two new dark cerise seedlings, which look very promising. Alice Coombs is just commencing to bear, and he will have a good crop of this beautiful pink variety within a short time.

Wm. Ward, of Waterford, Me., who a short time ago retired from the pansy growing business, sends word that he has shot a bear, two deer and has had good partridge shooting all fall.

The annual meeting of the Massachusetts Horticultural Society will be held at Horticultural hall November 13. The principal business of the meeting will be the election of officers.

Libbe, the Florist, of Lynn, Mass., has sold out his business to Hart of that city. Mr. Libbe was one of the pioneer florists of Lynn, having been in the business 20 years.

The Florists' Bowling League held a meeting at the Boston alleys October 21. It is well to state that the teams roll candle pins. Bresnahan, of Galvin's team, had the high score for three strings, with 307. The standing is as follows:

Team	Won	Lost
Galvin	10	2
Flower Market	9	3
Carbone	7	5
Pansies	7	5
Zinn	6	6
Exchange	5	7
Robieson	3	9
Mc & Mc	1	11
	F. L. W.	

The American Florist

AUTUMN



NUMBER



TO BE ISSUED

NOVEMBER 13

JUST RIGHT FOR THE

THANKSGIVING AND HOLIDAY TRADE

—The Best Paid—

CIRCULATION


—To the Trade in the Trade—

Business is rapidly taking on the usual peace volume and is well up to the average in all sections of the country, notwithstanding war conditions. Stocks of plants and supplies in the hands of retailers are said to be unusually low and with the demand almost normal this seems an unusually good time to interest the buyers.

Rates as usual, \$1.00 per inch, single column width; \$30.00 per page of thirty inches. Usual discounts on time contracts.

American Florist Co.,

440 S. Dearborn St., CHICAGO.

 Please mail advertisements early.

POEHLMAN

72-74 E. Randolph St.,

'Mums - Pompons - Cattleyas

GARDENIAS -- VALLEY -- HARRISII

CURRENT PRICE LIST.

American Beauties

	Per Doz.
Specials, 48-60 in.....	\$5.00
36 in.....	4.00
30 in.....	3.00
24 in.....	2.50
20 in.....	2.00
18 in.....	1.50
Short.....	\$0.75 to 1.50

Mrs. Chas. Russell

	Per 100
Specials.....	\$20.00
Long.....	\$15.00 to 18.00
Medium.....	8.00. to 12.00
Short.....	4.00 to 6.00

	Per 100
Hoosier Beauty	
HADLEY } Special..	\$12 00
OPHELIA } Long....	10.00
SUNBURST } Med. ...	\$6.00 to 8.00
MILADY } Short...	4 00

	Per 100
RICHMOND	
BULGARIA	
AARON WARD	
KILLARNEY	
WHITE KILLARNEY	
KILLARNEY QUEEN	
" BRILLIANT	
Specials.....	\$12.00
Long.....	\$8.00 to 10.00
Medium..	6.00
Short.....	\$3.00 to 4.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, 3.00

MISCELLANEOUS

	Per 100
Pompons.....	per bunch, 50c to 75c
Snapdragon.....	\$4.00 to \$6.00
Smilax.....	doz. \$2.00
Plumosus and Sprengeri.....	2.00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.25 .15
Leucothoe.....	.75
Mexican Ivy.....	per 1000, \$6.00 .75
Ferns, new crop.....	per 1000, 2.00 .25
Boxwood.....	per bunch, 35c; box, \$7.50
We have the best Boxwood ever shipped into this market.	

ORCHIDS

Cattleyas.....	\$6.00 to \$
White Dendrobiums.....	\$
Yellow Oncidiums.....	per 100,
Gardenias.....	per doz., \$3.00 to

CHRYSANTHEMUMS

	Per
Extra large.....	\$
Large.....	
Medium.....	2.00 to
Small.....	1.00 to

EASTER LILIES

Per 100.....	\$10.00 to \$1
--------------	----------------

LILY OF THE VALLEY

Fancy, per 100.....	\$
2nd.....	\$3.00 to

CARNATIONS

All colors, best, per 100.....	\$
Medium, per 100.....	

WILD SMILAX

Per case.....	\$
---------------	----

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of best dwarf Virginia stock.

Our Best Sellers

This Week

RED RUSCUS

EE Quality, per lb., 75c.

Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefinitely.

50 ASSORTED TUMBLER BASKETS

(two-toned), with Liners, \$10.00



No. 218-1-2 Plant Basket.
Open Willow, Liner Included.
1-3x3, each.....\$0.25
2-4x4, each..... .35



No. 217-4 BEGONIA BASKET

Height, 6 inches; diameter, 10½ inches.

These baskets come in nest of four; this is the largest.

Per Nest, - \$1.50

Colors: Pink and White.

N BROS. CO.

ng Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 pots 3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana			
Single Plants			
		in. high	Each
4 inch pots.	5 to 6 leaves.	18	\$0.40
\$4.50 per dozen.			
6 inch pots.	6 to 7 leaves.	24	1.00
6 inch pots.	6 to 7 leaves.	28 to 30	1.50
7 inch pots.	6 to 7 leaves.	36	3.00
8 inch tubs.	6 to 7 leaves.	38	3.50
inch tubs.	6 to 7 leaves.	48	5.00
inch tubs.	6 to 7 leaves.	58 to 60 in.	7.00
Specimens, \$15.00 to \$50.00.			

Kentia Forsteriana			
Made-up Plants			
			Each
7 inch pots.	3 plants in a pot.	28 to 30 in.	\$2.00
7 inch pots.	3 plants in a pot.	36 to 38 in.	2.50
7 inch tubs.	4 plants in a tub.	38 to 40 in.	3.00
8 inch tubs.	4 plants in a tub.	38 to 44 in.	3.50
8 inch tubs.	4 plants in a tub.	50	5.00
8 inch tubs.	4 plants in a tub.	56 to 58 in.	6.00
10 inch tubs.	4 plants in a tub.	5 ft. high	8.00
12 inch tubs.	4 plants in a tub.	5 to 5 1/2 ft. high	10.00
12 inch tubs.	4 plants in a tub.	6 ft. high	12.00
Strong specimens in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Kentia Forsteriana			
Single Plants			
			Each
6 inch pots.	5 to 6 leaves.	28 to 30 in.	1.00
6 inch pots.	6 to 7 leaves.	34 to 36 in.	1.50
6 inch pots.	6 to 7 leaves.	38 to 42 in.	2.00
8 inch tubs.	6 to 7 leaves.	50 to 54 in.	5.00
8 inch tubs.	6 to 7 leaves.	5	6.00
10 inch tubs.	6 to 7 leaves.	5 1/2 ft. high, heavy	8.00
10 inch tubs.	6 to 7 leaves.	6 to 6 1/2 ft. high	10.00

Phoenix Roebelenii		Each
3-inch	.....	\$3.00 per doz.
5 inch pots	.....	\$1.00
7 inch pots, 26 in. high, 34 to 36 in. spread	.....	2.50
8 inch tubs, grand specimens	.....	3.50
10 inch tubs, grand specimens	.....	\$5.00 to 7 00

Areca Lutescens		
7 inch pots, 3 plants in a pot	.....	2.00
8 inch tubs, 5 plants in a tub	.....	3.00

Aspidistra Lurida		
Green, 5 inch pots, 10 to 12 leaves	.....	1.00
Variegated, 5 inch pots, 10 to 12 leaves	.....	1.50

Dracaena Amabilis		
6-inch pots	.....	\$1.00, \$1.25 each

Dracaena Terminalis-Rosea		
4-inch pots	.....	40c each; \$4.50 per doz.
5-inch pots	.....	75c each; 7.50 per doz.

Dracaena Godseffiana		
Per doz	.....	\$1.00

Dieffenbachia Magnifica		
Each	.....	50c, 75c, \$1.00

Blooming and Decorative Plants

ou undoubtedly will have need for the stock listed below for present use and for Thanksgiving day. Our Chrysanthemum pot plants, Begonias and Cyclamen are unusually fine this year and we advise placing your order with us. **ORDER NOW.**

CROTONS.

Very Fine Colored Stock	Each	100
ch pot	.....	\$ .50 \$45.00
ch pot, strong	.....	.75 70.00
ch pot	.....	\$1.00 to 1.50

ARAUCARIA EXCELSA

ch, 3 to 4 tiers	.....	Each \$0.75
ch, 4 tiers	.....	1.00
ch, 4 to 5 tiers	.....	1.25
ch, 5 tiers	.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

ch, 2 to 3 tiers	.....	Each \$1.00
ch, 3 tiers	.....	1.50
ch, 3 to 4 tiers	.....	2.00
ch, 5 to 6 tiers	.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock	Each	100
ch pot	.....	\$0.35 \$30.00
ch pot	.....	.50 45.00
ch pot	.....	.75

ASPARAGUS PLUMOSUS

2 1/4-inch pot	.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot	.....	6.00 per 100; \$55.00 per 1000

CHRYSANTHEMUM POT PLANTS

Ready Now

5 1/2 and 6-inch pots	.....	40c, 50c and 60c each
7-inch	75c, \$1.00, \$1.25, \$1.50 and up

CYPERUS ALTERNIFOLIUS.

Umbrella Plant

4-inch pot	\$8.00 per 100
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FERNS.

Boston, Roosevelt and Whitmani

Each	100	Each
6-inch pot	\$0.50 \$45.00
7-inch pot75
10 inch pot	.....	\$2.00 to \$2.50
12 inch pot	.....	3.00 to 3.50
8-inch pot	.....	1.00

BEGONIAS

Largest and best stock we ever had of Begonia Lorraine.

4-inch	.....	30c each
5-inch	.....	50c to 75c each
6-inch—in flower	.....	\$1.00 each
7-inch	.....	\$1.50 to \$2.00 each



CYCLAMEN

Our Cyclamen are now coming in bloom and we offer a fine stock.

5-inch	.....	50c each
6-inch	.....	75c each
7-inch	.....	\$1.00, \$1.50 each

For November and December delivery we will have over 25,000 of the best Cyclamen seen anywhere in sizes from 5-inch to 7-inch at reasonable prices.

CHRYSANTHEMUMS

POMPONS—Fancy varieties, all colors, 25c to 50c per bunch.

NOW READY—Extra large Yellow, White and Pink, very fancy, \$3.00 per doz. Medium, \$1.50 to \$2.00 per dozen; Small Yellow and White, per doz., 75c to \$1.00

LARGE CUTS OF ROSES

Beauties-Russell-Ophelia-Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36 in. stems.....		\$ 2.50 to 3.00
24 in. stems, New Beauties.....		2.00
18 in. stems.....		1.50
Shorter lengths.....	per 100, \$6.00 to \$8.00	
Russell		Per 100
Specials.....		\$12.00 to \$15.00
Extra long.....		10.00
Good medium.....		6.00 to 8.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100
Special.....		\$10.00
Long.....		8.00
Medium.....		5.00 to 6.00
Short.....		4.00

Killarney Brilliant, White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$8.00
Medium.....		\$5.00 to 6.00
Short.....		4.00
Cecile Brunner.....	per bunch, 50c	

CARNATIONS.

Pink, White, Red (indoor).....	3.00 to \$4.00
Choice EASTER LILIES	\$1.50 per doz.
LILY OF THE VALLEY	4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGER	3.00
FERN s,.....	1000, \$2.00
GALAX , bronze and green.....	per 1000, \$1.25 to \$1.50

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

CHRYSANTHEMUMS MORE PLENTIFUL.

Stock is more plentiful this week than it has been for some time and the market is beginning to weaken as the writer predicted it would in last week's market report. Chrysanthemums are arriving in larger quantities and are not bringing the prices that they have been, although very good stock is being offered. Pompons are also in large supply and are quite a factor in the market now. Roses are none too plentiful as yet, and while there is plenty in nearly all the varieties with the exception of Mrs. Chas. Russell to go around a few brisk days would find the market completely cleaned up in this line. Carnations are in good supply, and while they have been selling at greatly reduced prices the past week an advance may be expected before the week is over, for several dealers have large orders booked for them for All Saints' day, and the same holds good for chrysanthemums, and if the demand is anywhere near like it has been in former years the market will be pretty well cleaned up in all lines before the week is over. Orchids are in large supply and some very fancy stock is obtainable at very reasonable prices. Lily of the valley is more plentiful but is in good demand, and there is no surplus to speak of when the day's sales are over. Lilies are in large enough supply to fill all orders. Violets, both single and double, are more plentiful and in good demand. Sweet peas are reaching the market in larger numbers and the same holds good for snapdragons, daisies, calendulas and mignonette. Smilax is seen in large supply at many of the wholesale stores but is

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

not moving as well as it should. A few asters and gladioli are still seen but they do not cut much figure in the market now. The demand has been very erratic the past week, and at times stock is cleaned up well each day and then accumulates to such extent that one expects prices to drop still lower, when suddenly the demand sets in again and the stock again disappears. Prices in general are not as high as they were last week but may advance considerably before the week is over on account of the heavy southern demand for All Saints' day. Greens of all kinds are plentiful and some very fancy boxwood and wild smilax is being offered. Many of the retail florists are featuring hegonias and cyclamens in their window displays the past week. The supply houses are very busy and the large supply of ruscus, red frieze, etc., that one sees displayed on the counters reminds one that the holidays are rapidly approaching.

CHRYSANTHEMUMS

White—Pink—Yellow

**Pompons-Roses-Carnations
GREENS-Etc.**

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

NOTES.

J. A. Budlong has leased space on the ground floor of the new Le Moyne building at North Wabash avenue and Lake street, in which the E. C. Amling Co., A. L. Randall Co. and Bassett & Washburn are now located, and into which the Chicago Flower Growers' Association will move very soon. The new store will be an L-shaped one and will be directly north of the L-shaped store that the Chicago Flower Growers' Association will occupy and will have two entrances, one on East Lake street and the other at 184 North Wabash avenue. The lease reads for five

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CHICAGO
CENTRAL 2846.

Chrysanthemums-Carnations

Very large supply of both at prices that are right. Order here.
Big crop of Roses in all varieties listed below. Try us on Beauties.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$4 00
48-inch stems.....	3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

	Per 100
Richmond.....	
Killarney.....	
White Killarney ...	Extra select..... \$8 00 to \$10 00
Killarney Brilliant	Select..... 6 00
My Maryland.....	Medium..... 5 00
Sunburst.....	Short..... \$3 00 to 4 00
Milady.....	
Ophelia.....	

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50 to \$2 00
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection..... Per 100 **\$3.00**

Carnations	3.00 to 4.00
Chrysanthemums.....doz., \$2.00 to \$3.00	
Harrisii.....	10 00 to 12 50
Valley.....	4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 50
Leucothoe..... per 100.....	\$1.00

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

ROSES

Mrs. Chas. Russell—	Per 100
Good	\$6.00 \$8.00 \$10.00
Extra Fancy....	\$12.00 \$15.00
Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—	
Long.....	\$6.00 per 100
Medium.....	5.00 per 100
Short.....	4.00 per 100
Specials billed accordingly.	
Carnations	\$2.00 to \$3.00 per 100
“ spec'l white, 4.00 to 5.00 per 100	

Chrysanthemums for All Saints' Day.

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.
Pompons, per bunch, 35c to 50c ea.	
Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley.....	4.00 per 100
Violets, double...50c to 1.00 per 100	
Ferns	2.50 per 1000

Order here and get satisfaction

years, commencing May 1, 1916, but they expect to be located there as soon as possible and probably about November 8. New fixtures will be added and when the store is complete Manager Schupp's firm will have one of the finest wholesale establishments in the Great Central Market.

Fred. Wolfram, formerly with A. Lange, has opened a new store in the Warrington theatre building in Oak Park, to be known as the Warrington Flower Shop. Buchbinder Bros., 518 Milwaukee avenue, furnished all the fixtures including the refrigerator.

George Economopolus, one of the proprietors of the Alpha Floral Co., 106 South Wabash avenue, died suddenly from ptomaine poisoning at the University hospital Wednesday morning, October 27, an account of which appears in the obituary column this week.

R. E. Kurowski, vice-president of the John C. Moninger Co., moved into his new home at 221 Woodbine avenue, Wilmette, this week.

Mrs. Ennis, of Milwaukee, Wis., was a visitor in the local wholesale market, October 21.

THREE THROUGH SLEEPERS

CHICAGO TO THE SOUTHWEST.

The Wabash Road operates a daily through sleeper, Chicago to Hot Springs, one to Houston and one to El Paso, Texas. Write for folder giving full details. Wabash Ticket Office, 68 W. Adams St

Vaughan's Seed Store has moved two carloads of Liliun giganteum bulbs the past 10 days. This firm's Chinese narcissus bulbs are in transit from the west.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

John Poehlmann is again on duty at Poehlmann Bros. Co.'s this week, but weighs 40 pounds less than he did before he was suddenly taken sick about two weeks ago. He is feeling as well as can be expected and his many friends are pleased to learn that he is able to be about and that an operation was unnecessary. Thos. Conlon, superintendent of the plant department, at Morton Grove, reports that his firm has received 6,000 azaleas this week from abroad, which will enable them to supply their customers at the holidays as in former years. It is rumored that Tony Gabel, foreman of the carnation range, will join the ranks of the benedicts in the near future, but the writer has been unable to learn who the lucky young lady is unless it be one of the charming young assistants in the Morton Grove office.

Miller & Musser, who were one of the first wholesale firms to locate near Lake street, on North Wabash avenue, are pleased with the fact that other wholesale firms are leasing space in the new LeMoine building, which is directly opposite their present location, for it means more business for them. N. P. Miller is very busy with work pertaining to the Grand Floral Festival, to be held in the Coliseum, November 9-14, for he is secretary, and is doing all he can to make the big event a success which it is going to be.

At Wieter Bros.' store the supply of chrysanthemums is steadily increasing, and among the varieties now offered are some especially well grown White and Pink Chieftain, Golden Salomon and Chrysolora. Elmer D. Smith & Co., of Adrian, Mich., sent two new seedling chrysanthemums to this house last week, one a white and the other a yellow seedling, to be judged and both appear to be in keeping with all the Smith introductions, and of which more will be heard of in the future.

H. C. Wullbrandt, proprietor of the Globe Greenhouses, 5315 West Madison street, is in Albany, Ga., where his pecan groves are located, so Mrs. Wullbrandt is looking after the store during his absence. The crop on his twenty-six acres promises to be as large as last season, notwithstanding the unusually dry season, when it did not rain for 90 days. He will be back in time to attend the Grand Floral Festival to be held in the Coliseum, November 9-14.

Old Joe Osborne, hermit, who was murdered last week for his supposed wealth, was an uncle of George Osborne, well known retail florist at 5813 South Hermitage avenue. The police have not yet located the murderers, but are working on several clues and are confident that they will soon be able to lay their hands on the gully parties.

O. A. Tonner is showing a good supply of chrysanthemums at her store and says that her returns to her growers last week included one of the largest checks that she ever mailed to any one party since she has been in business, which is due principally to the fact that stock brought unusually high prices during October.

WARD ROSES

\$3.00 to \$10.00 per 100.

Try a sample shipment of 100 or more today. You will not be disappointed for they are of unusually fine color and the stems and foliage are all that can be desired

Per 100	Per 100
Millady \$4.00 to \$15 00	Killarney..... \$3.00 to \$10.00
Killarney Brilliant..... 3.00 to 10.00	White Killarney..... 3.00 to 10.00
Ophelia..... 3.00 to 10.00	Cecile Brunner..... bunch, 50c each

RUSSELL—Finest Grown at \$4.00 to \$20.00 per 100.

MUMS, \$1.50 to \$3.00 per doz.

POMPONS, 35c to 50c per bunch.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave.,

L. D. Phone, Randolph 5449.

Chicago

Peter Reinberg is cutting from a good crop of White Killarney roses which are good property and clean up nicely each day. This firm has donated two cash prizes, \$15 and \$10 each, for the best arranged vase of Richmond roses at the Grand Floral Festival to be held in the Coliseum, November 9-14.

Chas. W. McKellar is offering some pumpkins at his store this week which were grown by Mrs. McKellar on her farm in Niles township and which are in good demand by the local retail florists, who slice them open and use them to good advantage for basket work in their window displays.

Bassett & Washburn are cutting some very fancy pompons, which are selling well at their store this week. This firm has fitted up their new office in grand style by equipping it with the latest office fixtures which are in keeping with their new salesrooms.

C. H. Bookedis, proprietor of the store in the Claypool Hotel, Indianapolis, Ind., was in the city, October 25, buying stock for a large decoration he has on this week. He was formerly in the employ of John Mangel and is well known in the local market.

Hoerber Bros. are starting to cut Hoosier Beauty roses quite heavily, which were added to their list last season and are reaching their store in splendid condition. Chrysanthemums are one of the chief offerings at this house this week.

H. B. Kennicott says that business at Kennicott Bros. Co.'s store has been very good all this month and that stock is cleaning up well in all lines with the exception of chrysanthemums, which are rapidly becoming more plentiful.

The Chicago Flower Growers' Association is receiving some exceptionally fine Killarney Brilliant roses from the Willworth Farm Greenhouses at Downers Grove and which are in good demand at the store.

Miss Mabel Curran, daughter of James Curran, 2909 Archer avenue, and Charles Quinlan were married in this city Wednesday, October 27.

T. E. Waters, manager of Poehlmann Bros. Co.'s supply department, has his right hand bandaged as a result of blood poisoning, but he is on the job as usual at the store.

Erne & Klingel are showing a fine grade of pompons which one of their growers produced in cold frames this season and which are fully equal to greenhouse grown stock.

Kyle & Foerster have never regretted the change in location that they made last year and like their present quarters on the ground floor a little bit more each day.

Nick Thinnies' son Joe is the latest addition to the John Kruchten Co.'s store force and promises to become as good a wholesale man as his father is a grower.

George Perdikas, 407 South Wabash avenue, who recently underwent an operation, is able to be about again and is attending to his duties at the store.

L. Hocckner entertained Peter Bauman and Herbert Hansen of the Peter Reinberg store force at his home at Crystal Lake, Sunday, October 24.

Robert Northam says he has not had so many roses to handle at George Reinberg's wholesale store in a long time as he did this week.

Miss L. A. Tonner will leave in a few days for Georgia to visit her pecan grove, which is proving to be a very good investment.

Walter Lagerlof, formerly with the A. L. Randall Co., has opened a new restaurant at West Washington street and Fifth avenue.

Robert Newcomb, of the W. W. Barnard Co., returned last week from Wisconsin, where he made a tour of the trade.

Ernest Rober, of Wilmette, reports the arrival of a carload of azaleas this week which came through in good condition.

The Lawndale Floral Co., 3212 West Twenty-second street, is sporting a new White delivery truck.

Weiland & Risch cut their first indoor gladioli this week and report a ready demand for same.

BUCKBEE'S BIG 'MUMS

ARE HERE

Buckbee's chrysanthemums need no introduction to the buyer for they are recognized as the leader in this market and are head and shoulders above the rest as far as quality is concerned. We have a good supply of all the stock listed below and are splendidly equipped to handle rush shipping orders.

Vaughan's Current Price List

American Beauties	
Extra special (best)	Per Doz. \$4.00
Special	3.00
30 to 36-inch stems	2.50
12 to 20 inch stems	1.50
Shorter stems, per 100	\$4.00 to 8.00

Russell	
Extra Special	Per 100 \$15.00 to \$18.00
Special	10.00 to 12.00
Select	6.00 to 8.00
Short	4.00 to 5.00

Milady, Ophelia, Sunburst	
Special	Per 100 \$10.00 to \$12.00
Select	6.00 to 8.00
Short	3.00 to 4.00

Killarney Brilliant, Ward	
Special	Per 100 \$8.00 to \$10.00
Select	4.00 to 6.00
Short	3.00

Killarney, White Killarney, Richmond	
Special	Per 100 \$8.00 to \$10.00
Select	4.00 to 6.00
Short	3.00

Cecile Brunner, Geo. Elgar	
Good Stock for corsage and table work	Per 100 \$2.00

Carnations	
Fancy	Per 100 \$4.00
Short	\$2.00 to 3.00

Chrysanthemums	
Yellow	Per Doz. \$2.00 to \$4.00
White	2.00 to 4.00

Orchids	
Cattleyas	Per Doz. \$5.00 to \$6.00

Miscellaneous	
Valley	Per 100 \$3.00 to \$5.00
Violets, single	.75 to 1.00
Violets, double	.50 to 1.00
Lilies	10.00 to 12.50
Gardenias	3.00 to 4.00
Ferns...per 1000	\$2.00
Galax	1.25
Leucothoe	.75
Adiantum	1.00
Plumosus, per bunch	35c to 50c
Sprengeri	25c to 50c
Smilax, per doz	\$2.00
Wild Smilax, per case	5.00
Boxwood, per bunch	.25c

Subject to market changes.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

Chicago

John Mangel has rented additional floor space on the second floor of the building he occupies at 17 East Monroe street, which will come in very handy during his busy season. He is also thinking seriously of enlarging his main store, further particulars of which will be announced later. His new conservatory continues to be a great drawing card and a fine line of chrysanthemum plants has been added to the display this week. Miss Lewis is enjoying a few days' vacation, which is being spent down state.

The Fleischman Floral Co. has a very attractive farm window this week in which pumpkin baskets artistically filled with cut flowers and stacks of corn placed here and there as it came from the field plays an important part. Mr. Edgar, of Lancaster, Pa., who joined the Fleischman force recently, likes his new surroundings first rate and thinks there is no place like Chicago.

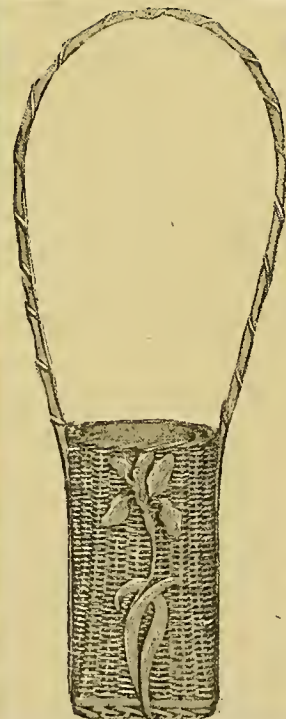
Fred Nelson, manager of the George Wittbold Co.'s retail department, reports business very good with unusually large numbers of wedding orders. He is busy getting the Wittbold display, which will cover 180 square feet of floor space, ready for the Grand Floral Festival to be held at the Coliseum, November 9-14.

The Venetian Flower Shop, located in the basement at 15 East Washington street, owned by Peter and Willie Sgoros, will move into the store directly above them on the main floor about November 1.

W. A. Jacob, who is now representing the Illinois Pipe & Manufacturing Co., 2113 South Jefferson street, reports business as good with many new orders arriving each day.

Ronsley, 106 South Dearborn street, has two large wedding orders booked for this week.

Artistic Hand Painted Baskets



Most striking selection obtainable

Exceptionally fine facilities enables us to get out this high grade work at extraordinarily low prices. This stock is not to be compared with the inferior grade of baskets now being generally offered in the market. The one best way to convince yourself is to order a trial dozen today.

\$7.50 per dozen
5.40 per dozen

Difference in price is governed by size not quality. Order today. Be sure and visit our display at the Grand Floral Festival to be held in the Coliseum, Chicago, November 9-14, 1915.

RAEDLEIN BASKET CO.

713 Milwaukee Ave.

CHICAGO

Nick Platz & Son, of Niles Center have placed an order with Kroeschell Bros. Co., for a No. 16 Kroeschell hot water boiler.

Frank Oechslin's new residence on West Jackson boulevard will be heated with a No. 24 Kroeschell tubeless boiler.

Anything and Everything the Market Affords in

CUT FLOWERS AND GREENS

You can increase your profits and business by sending your orders to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 6269.

CHICAGO, ILL.

Joseph C. Craig, 120 South Wabash avenue, had a large number of orders for the Racey funeral, October 21, which included one from the city council that called for a beautiful large standing wreath of White Killarney roses, orchids and lily of the valley. Quite a number of people are under the impression that Craig does not do a very big business because he is located in a basement, but they are very much mistaken, for he filled one of the largest funeral orders that was ever placed in this city when Archbishop Quigley died several months ago. In addition to the many orders for floral pieces he used over 12,000 yards of bunting to decorate the tomb at Mt. Carmel cemetery, which cost on an average of eight cents a yard to drape. Mr. Craig's son, Herbert, who assists his brother Arthur at the store, has been confined to his home for several weeks with a severe attack of pneumonia, but is getting along as nicely as can be expected and is now reported to be out of danger.

A. Lange had a flower show of his own at his East Madison street store last week when he had on display an exceptionally fine assortment of specimen dahlias and chrysanthemums. Some of the bronze chrysanthemums he offered measured fully eight inches across and attracted much attention, as did the Bonnaffon, which were the first of the season. Mr. Lange has just added a new line of decorated artware which is proving to be a good seller and looks very attractive when filled with flowers.

A party representing several California violet growers has been calling on the local retail florists the past week, but owing to the arrival of the heavy shipments of double violets from the east early in the week he did not do as well as he expected to. He left for New York, October 23, to call on the trade, but how he will be able to compete with the stock grown there is a problem. He has the goods shipped direct to him and fills all orders from the stock that he carries around with him in a basket.

At A. T. Pyfer & Co.'s store pompons and chrysanthemums are the principal offerings, although the supply of roses and carnations is nearly sufficient to meet the demands. The shipping trade is very good at this house and the demand for stock for

All Saints' day is very encouraging.

The poster for the Grand Floral Festival is attracting a great deal of attention and is one of the finest that was ever gotten out. Many of the retail florists are featuring it in their window displays and the Chicago Tribune reproduced it in their issue of October 25.

Percy Jones' store force is busy bunching boxwood, which they are handling in quantity, and making up magnolia wreaths, which are being sent out on approval two in a carton and on which H. Van Gelder agrees to pay express both ways if they are not satisfactory.

A. L. Vaughan & Co. are receiving regular shipments of chrysanthemums this season as usual from the H. W. Buckbee greenhouses, at Rockford, that include some unusually large bronze ones which many of the loop stores are featuring in their window displays this week.

P. W. Peterson and Wm. Kelsner, of the J. D. Thompson Carnation Co., Joliet, and Allie Zech, of Zech & Mann, visited several of the growers at Maywood last Saturday, October 23, making the trip in Mr. Peterson's auto.

Curtis Kindler, of the Raedlein Basket Co., says that the demand for stock has been very brisk all month and that they have added several expert basket makers to their force to handle the increased business.

Friends of J. C. Butler, cashier for Poehlmann Bros. Co., held a surprise party in honor of the anniversary of his nineteenth birthday at his home, Saturday, October 23, when a delightful time was had by all.

The Payne-Jennings Co. has added the youngest advertising expert in existence to its force, the seven-and-one-half-pound youngster arriving at the home of Mr. Jennings Tuesday, October 26.

The Chicago Florists' Club will meet at the Hotel Bismarck, Thursday, November 4, at 8 p. m. As this is the last meeting before the Grand Floral Festival, a large attendance is expected.

Ed. Klamm, the popular young florist of Whiting, Ind., stole a march on his many friends in the trade here when he was quietly married, October 15.

The A. L. Randall Co. is painting the interior of its new store, which

greatly improves the general appearance of the establishment.

The new warehouse that Vaughan's Seed Store is building at Morton Grove is practically completed, the erection of which was directed by Albert Erickson.

Joseph Ziska & Sons are very busy in their wire department, and will soon start work on the rings for the holiday wreaths.

Harry Rowe will open a new store at 125 North Wabash avenue, opposite Marshall Field & Co.'s store.

It is rumored that a large range of greenhouses will be erected in this vicinity in the near future.

Visitors: Thomas Knight, of the Knight & Struck Co., New York; J. Karins, representing H. A. Dreer, Inc., Philadelphia, Pa.

Chicago Bowling.

The team representing the trade in the North Chicago League is making a very good showing and from last reports was tied for first place with two other teams. Following are the scores for last week:

Players.	1st Game.	2d Game.	3d Game.
Huebner	179	230	193
Lorman	133	147	171
Zech	177	183	166
Price	171	180	157
Olsem	192	191	167

Totals 852 931 854

The team representing the Florists' Club and leading in the Mercantile league has been stirring things up in the alleys and a glance at the scores will show that every one of the players bowled over 200 in at least one of the three games played. Allie Zech was high man of the evening, and averaged 203 for each of the three games. He started off with 241 pins in the first, 205 in the second and 183 in the last. The scores for the evening were as follows:

Players.	1st Game.	2d Game.	3d Game.
Huebner	157	174	208
Lorman	183	203	121
Zech	241	205	183
Price	212	142	162
Olsem	152	177	202

Total 945 901 876

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

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BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

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179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

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Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

H. B. KENNICOTT, PRESIDENT

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KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	\$4 00@5 00
" " 36-in.	3 00
" " 30-in.	2 50
" " 24 in.	2 00
" " 20-in.	1 50
" " 15-in.	1 00
" " 12-in.	75
" Mrs. Chas. Ruaeell....	1 00@ 2 50
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@10 00
" Killarney.....	3 00@10 00
" White Killarney.....	3 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	3 00@10 00
" Rhea Reid.....	3 00@10 00
" My Maryland.....	3 00@10 00
" Mrs. Gen. Sawyer.....	3 00@10 00
" Milady.....	3 00@15 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	3 00@10 00
" Hadley.....	3 00@15 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Asters.....	3 00@ 4 00
Carnations.....	1 00@ 4 00
Cattleyas... per doz.,	4 00@ 6 00
Gardenias... per doz.,	3 00@ 4 00
Chrysanthemums..... per doz.,	\$1.50 to \$4.00
Gladioli.....	2 00@ 8 00
Lilium Harrliii.....	10 00@12 50
Sweet Peas.....	1 50
Valley.....	4 00@ 5 00
Violeta, single.....	75@ 1 00
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy... per 1000,	5 00@6 00
Plumosa Strings, each,	60@ 75
Smilax..... per doz.,	2 00@2 50
Sprenger, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists

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Telephone Central 3284

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Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago



Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.
Send for complete list and prices.

Booking orders for delivery now or later.
\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

DEMAND LIGHTENS AND PRICES DROP.

In the business race of the past week, demand punctured a tire, while supply, which has lately had a hard struggle to keep within hailing distance, caught up and even forged ahead. Almost every line is now full to overflowing, particularly chrysanthemums, and how prices have dropped; the \$3 a dozen chrysanthemums of last week lag a bit at \$2, and from a third to a half is the reduction from last weeks' prices for the same quality of flowers. The reason for this is that there is much more stock offered, and for the time being there is a halt in the demand. The roses are fine and improving daily and the newer sorts, Ophelia, Hadley and Hoosier Beauty, look quite able to hold their own. Ophelia is certainly making good. American Beauties are excellent and are first selection for the choice gift. Carnations are improving each week, but were a bit slow at one-third below the top prices. Dahlias are about out of it; they were splendid last week but Saturday and Sunday frosts wound them up for this season. Cosmos can now be had by the wagonload, and 50 cents buys the first hundred, with low figures for quantity lots. Many street men are making Christmas money out of this flower. Callas have appeared, Easter lilies have been good stock, bringing very fair prices, lily of the valley returns are good looking, while cattleyas are becoming more gilt edged. Snapdragons and lupines are choice goods, being especially fitted for debutante bunches and baskets. They are snapped up quickly. Take it all in all, the business may be said to be satisfactory, but a little speeding up at the selling end would be appreciated by the growers.

NOTES.

The essay committee of the florists' club evidently want the members to loosen up, oil their tongues, speed their thinking gear, etc., as they have provided a three months' "gabfest." Just glance over this list of explosives. Bang one—"Is it good for the business to keep flower vendors off the streets?" Bang two—"Is it wise for the producer to depend entirely on the enterprise of the retailer for marketing his products?" Bang three—"Is a grower or his agent entitled to sell both at wholesale and retail?" In these battles, should the negatives win, the club will bury the dead, care for the wounded and arrange the terms of peace.

All the trade are delighted with the prospects of the coming national show. When so many of the national flower show committee, from all parts of the country, take time to attend their meeting here, it shows what a country-wide interest is being taken. All the committee are agreed to a man that for preparedness this exhibition is ahead of any previous effort. The committee spent a busy day after the sessions looking over some of the large places around this city.

The Robt. Craig Co. is having a run on crotons, which are being used by the best trade in connection with choice chrysanthemums in bouquet

Wholesale Flower Markets

BOSTON, Oct. 27.		Per 100
Roses, Beauty.....	2 00@	25 00
" Killarney Queen.....	2 50@	10 00
" White and Pink Killarney.....	2 50@	5 00
" Double White Killarney.....	1 00@	6 00
" Killarney Brilliant.....	2 00@	8 00
" Hadley.....	2 00@	10 00
" Cardinal.....	2 00@	12 00
" Mock.....	2 00@	8 00
" Mrs. Chas. Russell.....	2 00@	12 00
" Sunburst.....	2 00@	8 00
" Taft.....	2 00@	8 00
" Mildred.....	2 00@	8 00
" Ward and Hillingdon.....	2 00@	6 00
" My Maryland.....	50@	5 00
Cattleyas.....	20 00@	35 00
Lily of the Valley.....	3 00@	4 00
Sweet Peas.....	50@	1 00
Carnations.....	50@	1 00
select.....	1 50@	3 00

BUFFALO, Oct. 27.		Per 100
Roses, Beauty, special.....	20 00@	25 00
" " fancy.....	15 00@	20 00
" " extra.....	10 00@	12 00
" " No. 1.....	6 00@	10 00
" " No. 2.....	2 00@	3 00
" Killarney.....	3 00@	7 00
" White Killarney.....	3 00@	7 00
" My Maryland.....	3 00@	7 00
" Killarney Queen.....	4 00@	7 00
" Richmond.....	3 00@	8 00
" Sunburst.....	3 00@	8 00
" Ward.....	3 00@	6 00
" Taft.....	3 00@	6 00
" Ophelia.....	4 00@	8 00
" Mock.....	3 00@	6 00
" Francis Scott Key.....	4 00@	8 00
" Shawyer.....	3 00@	8 00
" Russell.....	8 00@	12 00
" Hadley.....	8 00@	12 00
" Bon Silene.....	2 00@	3 00
Lily of the Valley.....	4 00@	4 00
Lilies.....	10 00@	12 00
Cattleyas.....	40 00@	50 00
Carnations.....	2 00@	3 00
Chrysanthemums.....	8 00@	20 00
Cosmos.....	50@	1 00
Dahlias.....	1 00@	3 00
Snapdragons.....	1 00@	2 00
Violets.....	60@	75
Asparagus Sprengeri.....	35@	50
Ferns.....	per 1000,	2 50
Smilax.....		15 00

CINCINNATI, Oct. 27.		Per 100
Roses, Beauty.....	per doz., \$0 75@	\$3 00
" Killarney.....	3 00@	6 00
" My Maryland.....	3 00@	6 00
" Richmond.....	3 00@	6 00
" Taft.....	3 00@	6 00
Lily of the Valley.....	4 00@	5 00
Lilium Giganteum.....		10 00
Asparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., \$7 50	
Chrysanthemums.....	6 00@	20 00
Dahlias.....	2 00@	3 00
Carnations.....	2 00@	3 00
Rubrum Lilies.....	3 00@	6 00

and basket work. A large stock of splendidly colored dracaenas is seen here.

The chrysanthemum lords it over all with the Leo Niessen Co. Splendid flowers in all the leading sorts are seen in quantity. Select American Beauty roses are also a feature.

Berger Brothers report good business. The evening of November 17 has been selected as "ladies' night" at the florists' club. There will be the usual games and refreshments and a good time generally is the outlook.

ness. Callas are a novelty here. All the mid-season chrysanthemums are seen in quantity. They appear to move off quickly.

Chrysanthemums and special roses are the features with the Philadelphia Wholesale Florists' Exchange. Business with this new house is very encouraging.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids, Valley
Chrysanthemums in variety
We solicit a trial order.
1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies
PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russella, Mock Killarney, Sunburst and others.
CATTELYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburg, Pa.

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.
Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

Splendid Sunburst roses are among the choice things at Edward Reid's Ranstead street show room. Select chrysanthemums are seen in variety.

The London Flower Shop has now a lady chauffeur. It is needless to say the various orders will be gently handled and receive the tenderest care in delivery.

The Joseph Heacock Co. is offering splendid Ophelia and very good Hoosier Beauty roses which sell quickly.

H. A. Dreer, Inc., have just received a very large importation of boxwood, which arrived in fine shape.
K.

CC. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
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Mention the American Florist when writing

WM. C. SMITH Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

SUPPLIES AND EVERYTHING IN SEASON ALWAYS ON HAND.

MAGNOLIA LEAVES

Prepared Magnolias, green, brown or red, per box (about 1000 leaves), \$1.35.

10 boxes or more, per box, \$1.25.
Get our complete list of other supplies.

GEO. H. ANGERMUELLER,

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Connecticut Horticultural Society.

This society held its regular meeting October 22, and after routine business had been taken care of, the committee appointed at the last meeting to arrange for a chrysanthemum show reported progress. Several places were suggested in which to hold this show, but no decision has been arrived at thus far. The committee and members are heartily in favor of making the exhibition free to the public of Hartford and vicinity. Much interest was displayed by the members, and if all is well, the coming show will be one of the best ever given by the society. The meeting was well attended, one new member being elected.

ALFRED DIXON, Sec'y.

TARRYTOWN, N. Y.—Secretary E. W. Neubrand of the Tarrytown Horticultural Society announces that the John D. Rockefeller prizes in class 32, covering arranged basket of cut chrysanthemums, any foliage permitted, will be: First prize, \$10; second prize, \$6; third prize, \$4. The awards in this class will be made the first day of the exhibition, November 3. Entries must reach the secretary on or before October 30.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 208

448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley

Gladiolus, Asters and Lilies. Fancy Ferns, special picked. Cut Flower Boxes, Florist Supplies. Manufacturer of Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Oct. 27.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" first.....	8 00@10 00	
" Mrs. Chas. Russell.....	8 00@15 00	
" Killarney.....	3 00@10 00	
" White Killarney.....	3 00@10 00	
" Liberty.....	5 00@15 00	
" Mock.....	6 00@15 00	
" Hadley.....	8 00@12 00	
" Bulgaria.....	4 00@10 00	
" Sunburst.....	4 00@12 00	
" Ophelia.....	3 00@ 8 00	
" Hoosier Beauty.....	4 00@ 8 00	
Carnations.....	2 00@ 4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Chrysanthemums.....	8 00@25 00	
Lilium Harrisii.....	8 00@12 00	
Lily of the Valley.....	3 00@ 5 00	
Asparagus.....	per bunch, 50	

PITTSBURGH, Oct. 27.		Per 100
Roses, Beauty, special.....	25 00	
" fancy.....	15 00	
" extra.....	8 00	
" No. 1.....	3 00	
" Killarney.....	2 00@ 6 00	
" My Maryland.....	2 00@ 6 00	
" Sunburst.....	2 00@ 6 00	
" Mrs. Aaron Ward.....	2 00	
Carnations.....	2 00@ 3 00	
Cattleyas.....	50 00	
Lilium Giganteum.....	12 00	
Valley.....	4 00	
Adiantum.....	1 00	
Chrysanthemums.....	per doz., 1 50@ 3 00	
Asparagus Sprengeri, per bunch.....	35@40	
Sprays.....	per bunch, 35@40	

MILWAUKEE, Oct. 27.		Per 100
Roses, Beauty, per doz.....	2 00@ 3 00	
" Killarney and W. Killarney.....	3 00@ 8 00	
" Ward, Sunburst.....	3 00@ 8 00	
" Mrs. Chas. Russell.....	5 00@20 00	
" Richmond.....	3 00@ 6 00	
" Ophelia.....	3 00@10 00	
" Hoosier Beauty.....	4 00@10 00	
Carnations.....	2 00@ 3 00	
Lilies.....	10 00@15 00	
Snapdragon, per bunch.....	25c@50c	
Valley.....	3 00@ 5 00	
Daisies.....	50	
Chrysanthemums.....	1 50@ 4 00	
hunches.....	50c	
Rubrum.....	2 00@ 3 00	
Cattleyas.....	per doz., \$5.00@\$6.00	
Bouvardia.....	bunch, 50c	

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

St. Louis, Oct. 27.		Per 100
Roses, Beauty, medium.....	8 00@15 00	
short stems.....	4 00@ 6 00	
" Killarney.....	2 00@ 5 00	
" White Killarney.....	3 00@ 6 00	
" Aaron Ward.....	3 00@ 6 00	
" Sunburst.....	3 00@ 6 00	
" Ophelia.....	2 00@ 5 00	
" Radiance.....	3 00@ 6 00	
" Hoosier Beauty.....	3 00@ 6 00	
C. Brunner.....	bunch, 35c	
Valley.....	3 00@ 4 00	
Carnations.....	2 00	
Orchids.....	50 00	
Asparagus Plumosa, per bu.....	25@60	
Harrisii.....	10 00	
Smilax.....	per doz., \$1.50@\$2.50	
Chrysanthemums, medium and small.....	per doz., 2.00@ 3.00	
Ferns.....	per 1000, 1 50	

New York.

SLOW BUSINESS WITH INCREASED SUPPLY.

Compared with the first two weeks of October, the business of the past week was rather slow for the wholesalers. The reasons were almost unseasonably warm weather and a great increase in the supply of stock. The supply of chrysanthemums is constantly on the increase and they loom large, not only in the wholesale district, but also in the public eye. Every retail store now features the chrysanthemums, and their window decorations with liberal accompaniments of autumn foliage, are striking reminders that the "Queen of Autumn" reigns. The supply of roses has also been considerably on the increase. There is always a demand for roses, but with so many of the other big sisters about, it is a case similar to what the Irish poet, Tom Moore, wrote of: "I could be happy with either, were the other dear charmer away." The supply of carnations is also on the increase, and some very good ones, for the season, are arriving, but they are also overshadowed by the chrysanthemums. Lily of the valley is again plentiful enough to supply all demands and the price has fallen off. There are some good single violets on the market, but the doubles are yet of a very inferior quality. Dahlias are yet on the market, but failing.

October 25.—It usually happens in the wholesale cut flower district that in the week before election day, business is dull, and from what we have seen of the opening, this week gives no promise of being an exception to the rule. The big parade for female suffrage, October 23, seems to have scared the brewers, saloonkeepers and their sympathizers stiff, and they are not buying flowers. Temperature, 10 degrees below the corresponding date of last year.

NOTES.

At the retail store of Thomas F. Galvin, Inc., 561 Fifth avenue, Manager Frank L. Deery has within the past week shown very good window decorations. Mr. Deery is a fine artist and has had good material in a great stock of the prize winning dahlias of George L. Stillman of Westery, R. I. Mr. Stillman has been at the store and taken a number of large orders for roots.

There are but few sweet peas, comparatively speaking, on the market, but William P. Ford, 107 West 28th street, has very fine stock of the orchid flowered varieties from the range of George T. Schunemann, Baldwin, L. I. Though Mr. Ford carries a good variety of stock, he specializes in sweet peas, bouvardia and lilacs. He is likely to have lilac for Thanksgiving.

C. B. Hanft, A. A. Hanft and E. G. Hanft, announce that they will open a retail store at 692 Madison avenue, near 62d street, as soon as alterations in the store are completed. This will be a different firm from the Hanft Brothers that recently failed in business.

At the retail store of Pappas Brothers, 2216 Broadway, we have recently noticed fine effects in window decorations. Chrysanthemums and dahlias with autumn foliage, all artistically arranged, make their windows noteworthy Broadway attractions.

At the range of Dailedouze Brothers there is a great stock of carnations coming on. The roses, Ophelia, Hoosier Beauty and Mignon, are also very successfully grown. They are also cutting fine blooms of the yellow chrysanthemum, Eldorado.

S. Masur, of Brooklyn, has recently been busy with decorative work at the Gedney Farm hotel, White Plains,



Announcement

Capital Stock, \$25,000 Full Paid.

Consignments Solicited

A. L. YOUNG & CO., Inc.

Wholesale Florists

A. L. YOUNG, Pres. and Treas.
H. R. SCOMMODAU, Vice-Pres.
F. LIGHTFOOT, Sec'y.

54 West 28th St.,
NEW YORK

We are pleased to announce the incorporation of A. L. Young & Co., which has been organized with a broad charter to conduct a Wholesale Florist business and any other business appertaining thereto, on co-operative principles, and which will therefore not be a close corporation. It will be open to all interested in the florist business, growers, retailers, etc., to become members and participate in the conducting of a business which they are all more or less interested in and thoroughly acquainted with, offering all an equal opportunity for promoting the welfare, progress and prosperity of their own business, and sharing in the benefits and profits of their own enterprise and industry.

We believe this the ideal method of conducting a wholesale florist business, especially under present conditions. It is desirable to secure a number of practical co-workers, therefore the capital stock has been divided into preferred shares at the popular price of \$10.00 each. Full paid and non-assessable.

The President is reliable and capable and has conducted a profitable business successfully for over ten years and will continue, together with the co-operation of other members thoroughly trustworthy and reliable, to conduct this business even more successfully, which started July 1, 1915, entirely free from any liability or debt of any kind.

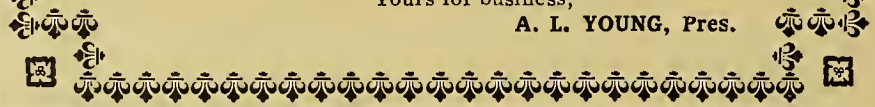
No officer shall receive any salary for his services as such until a minimum dividend of at least 6 per cent. has been earned on the stock. Systematic audits and reports compiled by competent accountants will be made at regular meetings.

The earnest support already given is gratifying, and is a sufficient guarantee of the success of the company and an assurance of the still greater success it is destined to become.

Only people interested in the florist business are invited to join us and become members. Send for particulars. Do not put this off until next month or next week. DO IT RIGHT NOW.

Yours for business,

A. L. YOUNG, Pres.



OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

N. Y. This is an extensive establishment and Mr. Masur has the order for the horticultural features.

Thomas Roland and Patrick Welch, of Boston, Mass., were in this city October 21 on their return from Philadelphia, Pa. Secretary John Young, who had been in Philadelphia, returned with them.

Wernze & Koehne, 61 Fifth avenue, recently arranged a very fine wedding decoration in the Church of the

Ascension, Fifth avenue and 11th street.

Herman Berkowitz, of Malandre Brothers' staff, Broadway and 72d street, is wearing the smile that won't come off—girl.

The United Floral Co. reports good business in its stand in the new 95th Street market.

J. K. Allen is receiving fine stock of Cattleya labiata from John Jones, Convent, N. J.

PAUL MECONI
 WHOLESALER FLORIST
 55-57 W. 26th Street
 NEW YORK CITY

Telephone:
 3864 Madison Square

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
 Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
 49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

OFFICIAL S. A. F. Shipping Labels
 FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.
AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago



Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Mad. Sq. 133 W. 28th St., New York
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

Geo. C. Siebrecht
 WHOLESALER FLORIST
 109 West 28th St., NEW YORK
 Tel. 608 and 609 Madison Square
 CONSIGNMENTS SOLICITED

HORACE E. FROMENT
 WHOLESALER COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
 148 West 28th St., NEW YORK CITY
 Telephones: 2200 and 2201 Madison Square.

John Young & Co.
 Wholesale Commission Florists
 53 W. 28th St., NEW YORK
 Telephone 7362 Madison Square.

WILLIAM P. FORD
 WHOLESALER FLORIST
 107 W. 28th St., New York
 Telephone, Madison Sq. 5335
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Wholesale Flower Markets

NEW YORK, Oct. 27. Per 100

Roses, Beauty, special.....	15 00@20 00
extra and fancy.....	8 00@10 00
" " No. 1 and No. 2.....	5 00@ 8 00
" Alice Stapley.....	1 00@ 8 00
Prince d'Areberg, special.....	6 00
Francis Scott Key, special.....	8 00
Mrs. Geo. Shawyer.....	1 00@ 6 00
White Killarney, special.....	6 00
Killarney, My Maryland... ..	6 00
special.....	4 00@ 6 00
" " No. 1 and No. 2.....	50@ 3 00
" " Queen.....	1 00@ 8 00
" " Brilliant.....	1 00@ 8 00
Aaron Ward.....	1 00@ 8 00
Richmond.....	1 00@ 8 00
Sunburst.....	1 00@ 8 00
Taft.....	1 00@ 8 00
Milady.....	1 00@ 8 00
J. L. Mock.....	2 00@ 8 00
Hadley.....	2 00@10 00
Ophelia.....	1 00@ 8 00
Mrs. Chas. Russell.....	2 50@12 00
Hoosier Beauty.....	2 00@ 8 00
Cattleya Orchida, special.....	35 00
inferior grades.....	15 00@20 00
Oncidiums.....	4 00@ 5 00
Lilies, Longiflorum and Harrisii.....	5 00@ 6 00
Lily of the Valley.....	2 00@ 3 00
Dahlias.....	1 00@ 2 00
Carnations.....	1 00@ 2 00
Bouvardias.....	1 25@ 1 50
Adiantum, Croweatum and Hybridum.....	1 00
Asparagus Plumosus.....doz. hcba.	1 00@ 1 50
Smilax.....doz. strings.	4 75
Chrysanthemums.....per doz.	1 50@ 4 00
Gardenias.....per doz.	2 50@ 3 00
Violets, single.....	20@ 50
double.....	15@ 25
Sweet Peas, orchid flowered.....	1 00

United Cut Flower Co., Inc.
 WHOLESALERS
 111 W. 28th St., New York City
NOW IS THE TIME
 To Ship Your Consignments
 PERCY W. RICHTERS, Manager.
 Mention the American Florist when writing

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
 Wholesale Florists.
 101 West 28th Street, NEW YORK
 Phone 896 and 897 Madison Square.
 20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
 436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
 113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
 Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
 Mention the American Florist when writing

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Madison Square 1519-5893

119 West 28th Street NEW YORK
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George B. Hart
 WHOLESALER FLORIST
 24-30 Stone St., Rochester, N.Y.
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M. C. Ford
 121 WEST 28th STREET
 NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.
 Mention the American Florist when writing



FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green. Per 100

20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

James J. Coogan, proprietor of the Coogan building, Sixth avenue and Twenty-sixth street, in which the New York Cut Flower Co., the Cut Flower Exchange and other wholesale florists are located, died suddenly of heart disease, October 24, in his seventieth year. He is survived by his widow, one daughter and three sons.

At the store of the Boulevard Floral Co., 2391 Broadway, we have recently noticed artistic window decorations in chrysanthemums and other fine stock.

Richard Wenham, well known as a buyer in the wholesale district, is again buying for Wadley & Smythe.

One of the finest auto delivery cars recently noticed in the wholesale district is McGovern's of Brooklyn.

Charles Matthews, of E. C. Horan's staff, is in poor health, and has gone to a Sullivan county, N. Y., resort, accompanied by his father.

A goodly number of yellow chrysanthemums were seen in the great suffrage parade, October 23. We trust our friends elsewhere will not think we exaggerate in calling the parade great. Everybody, even including the "antis," concedes it.

The quality of violets arriving has greatly improved during the past week. Percy W. Richters, manager of the United Cut Flower Co., Inc., is handling excellent stock. Much cooler weather has put snap into the violets.

Edwin J. Van Riper, for the past three years with the Growers' Cut Flower Co., has resigned and taken a position with Riedel & Meyer, Inc. "Van" is an experienced salesman and the soul of good nature, and popular in the street.

Walter Hunter, of Hunter & Sons, Englewood, N. J., was recently in this city. He stated that his father, John M. Hunter, who has been in California for some time, for his health, has recovered and will soon return home.

Joseph Levy, proprietor of the Brooklyn Wholesale Cut Flower Market, 356 Fulton street, is about to open another store at 408 Fulton street. Joe is attentive to business and deserves success.

Badgley & Bishop, Inc., are receiving exceptionally fine stock of the yellow chrysanthemum, Ramapo, and the white, Beatrice May.

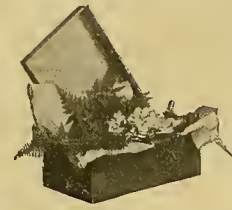
At H. E. Froment's we have noticed exceptionally fine Hoosier Beauty, Ophelia and Sunburst roses.

P. J. Smith is handling very fine Hadley roses, chrysanthemums and lilies.

A. F. F.

ROUND LAKE, N. Y.—Elmer Morris is preparing to open a florist establishment here.

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only

a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company

161 Water Street, SANDUSKY, OHIO

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING.

Write us for our sample folders, cuts and slides for advertising:

Fall Planting Thanksgiving
Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

MCNEFF-SWENSON CO.

High Grade Floral Publicity.
818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

New York and New Jersey Plantsmen.

The annual fall inspection tours of the New York and New Jersey Association of Plant Growers have again been arranged for. The tour over Long Island will take place Friday, October 29. The party will start from the office of William H. Siebrecht, Jr., Queens Plaza Court building, Long Island City, at 9 a. m., and will travel in touring cars, furnished by the members, to visit the establishments in Long Island City, Woodside, Elmhurst, Middle Village, Flushing, Whitestone, Jamaica and Flatbush.

The trip through New Jersey will take place, Friday, November 5, 1915. Messrs. Zeller and Wagner are the committee which has the Long Island trip in charge and Messrs. Fiesser and Schoelzel have charge of the Jersey trip.

Nassau County Horticultural Society.

The October meeting of the Nassau County Horticultural Society was held October 14 in Pembroke hall. The monthly competition was for fruit, and it was judged by James Duthie, William Noonan and John W. Everitt. First prizes were awarded to Pierre Charbonniard for the best six apples and best six pears, and Henry Gaut received first honor for the best three bunches of outdoor grapes. Mr. Gaut offered a prize of \$10 to be competed for at the next meeting by assistant gardeners, in a special class for

HOLLY WREATHS

W. G. Williams & Son

SELBYVILLE, DEL.

Send us your orders.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

Caldwell the Woodsman Co.

EVERGREEN, ALABAMA

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss..... per bag, \$3.50
Natural Moss..... per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

SOUTHERN WILD SMILAX

50 lb. case.....\$2.50

Wire or write.

H. S. Worthy, Morris, Ga.

BOXWOOD, 8c per lb.

Leucothoe, long..... \$2.50 per 1000
Leucothoe, short..... 1.25 per 1000
Princess Pine..... 40c per lb.
Galax Leaves..... post paid, 60c per 1000
Dagger Ferns..... post paid, \$1.00 per 1000

J. M. Black Evergreen Co.

HARTFORD, TENN.

Mention the American Florist when writing

table decorations. The next meeting will have for the competition three white, three yellow and three pink chrysanthemums. Several of the cups and special prizes won at the dahlias show, October 7, were presented.

H. C. T.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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San Francisco, Calif.

J. B. BOLAND

Successor to Slevens & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Webbs Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

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3343 W. MADISON ST.
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CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE
Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists: We are in the Heart of NEW YORK And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

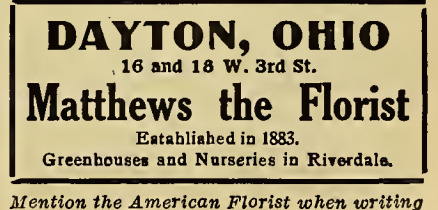
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery. Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

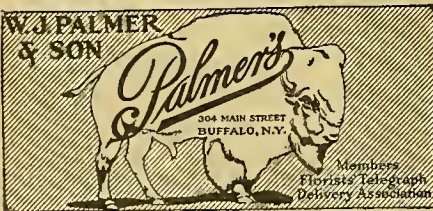
"HOME GROWN FLOWERS" Get in touch with

J. E. Matthewson

SHEBOGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling
 NEW YORK
 No. 22 West 59th Street
 Adjoining Plaza Hotel
 Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

St. Louis.

INCREASED SUPPLY LOWERS PRICES.

Bright, warm weather continues and with it an increase in supply, which has a tendency to lower prices. Some fine chrysanthemums are seen, but it seems very hard to get \$4 per dozen for blooms that sold two years ago for \$6. Carnations are now coming in more freely as well as roses. Violets are moving slowly and their keeping qualities are poor. The wholesalers are getting in novelties and preparing for the holiday rush. Smilax and all varieties of greens are moving fairly well.

NOTES.

Some nice Boston ferns are being raffled off at the Salsbury street fair and carnival. Ed Pieper and the official King's Jester are running booths. Paddy Patton is acting as clown.

Chas. H. Angermuller has been showing some fancy stock in roses, but these are not moving as well as they should owing to the influx of chrysanthemums.

The H. J. Weber & Sons Nursery Co. are consigning some fancy chrysanthemums, Chadwick variety, to the Wm. C. Smith Wholesale Floral Co.

Kalisch Bros.' aquarium is a beauty. They expect to raise many varieties of gold fish this winter. Ed. is also a very successful grower of orchids.

The Retail Florists' Association met October 18. Important business was transacted and an effort is being made to increase the membership.

Alex. Siegel will soon begin his bargain sales. He is always on the job when he can advertise a bargain to the public.

The annual chrysanthemum show at Shaw's garden will take place next week. A large attendance is expected.

Fred Alves, of George H. Angermuller's, occupies his spare moments inspecting florists' supplies.

Ostertag Bros. are making a fine show in house plants as well as chrysanthemum plants. W. F.

Newport, R. I.

At a regular meeting of the Newport Horticultural Society, the matter of merging the society, the Newport Garden Association and the Garden Club was discussed, but it was decided that such action would not be advisable. It was voted to hold a summer show jointly with the Garden Club in July, 1916, during the summer meeting. James Watts exhibited some splendid spikes of Amaryllis belladonna, for which he was awarded a cultural certificate of merit. This fine lily, of a reddish hue, comes into bloom when flowers are scarce. J. J. B.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
 High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

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WASHINGTON
 D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park
 J. A. VALENTINE, Floral Co.
 President

Members of Florists' Telegraph Delivery.

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Little Rock, Ark.

PAUL M. PALEZ
 FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.
The London Flower Shop, Ltd.
1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa. A. W. Smith Co.

KEENAN BLDG.
Largest Floral Establishment in America.
Established 1874. Incorporated 1909.
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New York. G. E. M. STUMPP

761 Fifth Avenue
Member Florists' Telegraph Delivery Association
Mention the American Florist when writing

THE J. M. GASSER COMPANY, CLEVELAND

EUCLID AVENUE
Members of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Washington, D. C. *Blackstone*

14th and H. Street.
FREY & FREY,
1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.
Members of Florists' Telegraph Delivery.

Trade Directory
Price \$3.00 Postpaid.
AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

Telephone 2656 Established 1880
M. WEILAND
FLORIST
George C. Weiland, Proprietor
602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

DULUTH, MINN.
J. J. LeBORIOUS
Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

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- Albany, N. Y.—Eyles, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
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- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. E. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archins Floral Co.
- Terre Haute, Ind.—J. G. Hehl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
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New York. Established 1849
David Clarke's Sons
2139-2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus
Mention the American Florist when writing

San Francisco

Podesta & Baldocchi
224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.
Mention the American Florist when writing

Kansas City, Mo.
A. Newell
FLORIST
Established over 20 Years.
N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.
The Cleveland Cut Flower Co.
Will fill your orders for designs and cut flowers in
NORTHERN OHIO.
Mention the American Florist when writing

St. Louis, Mo.
Wire or Phone Your Orders to the
HOUSE OF FLOWERS.
Ostertag Bros.
The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.
EYLES,
Flowers or Design Work.
Delivered in Albany and vicinity on telegraphic order.
11 NORTH PEARL STREET'
Mention the American Florist when writing

Toronto, Can.
Canada's best known and most reliable florist
Only the Best Dunlop's
8 and 10 West Adelaide Street,
We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN INC.
561 Fifth Ave.
NEW YORK Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street
Deliveries to Steamers and all Eastern Ports.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Sub-
urbs to



222-2223 W. Madison St.
CHICAGO.

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Hehl)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Mention the American Florist when writing

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

Mention the American Florist when writing

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

CHICAGO

Mangel
The
Palmer House
Florist

17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Springfield, Ill.

A. C. Brown

217 South Fifth Street

Springfield, Ill.

Mail and telegraph orders given prompt attention.

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries
to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas
Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

YOU SHOULD ORDER BOXWOODS NOW

Why? Because it pays to be up-to-date--to give your customers correct things that follow the latest tendencies

You realize, don't you, that home improvement is the popular thing today—that most people are always on the lookout for the "things beautiful," especially when their cost is as small as these hardy Evergreens?

Fill Your Window Boxes with Evergreens Now!

THE cost is trifling, the effect will be beautiful—lending a touch of cheerful color to your home surroundings during the winter months.

Come and see our stock of Boxwoods—the finest, hardy stock imaginable—Pyramids, Globes and Bushes at prices **exceedingly reasonable**. Or if more convenient, phone for our man to call.



**YOUR NAME
IN THIS SPACE**



An ad like this in your local newspapers this fall will popularize your store. It will not only sell goods for you, but it will get people in the habit of coming to you for the latest novelties.

This retail ad also shows how Wittbold will co-operate with you--for it will be given absolutely free to every Florist who sends us an order for Boxwoods amounting to only \$15.00 or more.

Or, if you want this ad alone, you can purchase it from our advertising department for \$1.50, postpaid

We now offer the following choice, hardy, selected Boxwoods:—

Bushes, 10 to 12-inch.....	\$0.25 each	Standard Globes, with short stems, 16 to 18-inch heads.....	\$4.00 each
Bushes, strong 12-inch.....	.35 each	Standards, 12 to 18-inch stems, 15-inch crowns.....	2.00 each
Bushes, 15-inch.....	.60 each		
Bushes, 18-inch.....	1.00 each		
Pyramid Box, 24-inch.....	\$2.50 each		

IT WILL PAY YOU TO MAKE UP YOUR ORDER TODAY

WIRE, WRITE OR PHONE

THE GEO. WITTBOLD CO.
739 Buckingham Place, Long Distance Phone CHICAGO
Graceland 1112

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

THE Western Canners' Association held its annual meeting at the Hotel Sherman, Chicago, October 27-28.

EUGENE SCHAEFFEL, representing Vil-morin, Andrieux & Co., Paris, France, expects to reach Chicago about November 15.

"BUR CLOVER" is the title of Farmers' Bulletin No. 693, recently issued by the department of agriculture, Washington, D. C.

WAKEMAN, O.—Invitations are out for the wedding here of Miss Esther Marie French to Chas. S. Clark, Jr., October 30.

CHICAGO.—Prices for grass seed on the Board of Trade, October 27, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

ST. LOUIS, MO.—The St. Louis Seed Co. reports the receipt of nine bags garden seed and one case flower seeds from Europe.

CLEVELAND, O.—It is currently reported that the Stumpp & Walter Co., of New York, will soon locate a branch store in this city.

LOMPOC, CALIF.—Ant. C. Zvolanek, sweet pea specialist, contemplates retiring from business, and has offered his establishment for sale.

OVID, MICH.—Vaughan's Seed Store, of Chicago and New York, has purchased a brick building here, which will be used for storage purposes.

SAN FRANCISCO, CALIF.—Reports of October 15 indicate that the MacRorie-McLaren Co. and the Luther Burbank Co. are engaged in a legal controversy.

BOUQUET GREEN in northern districts is reported as coming forward in good supply and with continued bright, mild weather prospects are for average or lower prices for the season.

FALL BULB stocks are cleaning up fast. Nearly all jobbers are making inquiries of other jobbers for surplus lists and generally buying everything offered. This results in an evening up of odd lots which helps materially.

LOS ANGELES, CALIF.—Miss Helen Drew, daughter of O. H. Drew, who was formerly in the mail seed and plant business at Hibernia, N. Y., was married October 21, to Atlee Vail, of New York state, where the couple will reside.

J. S. MICHAEL, of the Sioux City Seed & Nursery Co., Sioux City, Ia., writes under date of October 20: "Late varieties of sweet corn will require a good drying season to put them in shape for seed purposes. Earlier sorts are practically safe."

A. HENDERSON & Co., Chicago, will move to a new location on State street, just north of Lake street, in November, where a retail seed business will be added to their present line. It is reported a west side house is seeking a retail store in the loop.

BOSTON, MASS.—Business has been very satisfactory with the seedsmen and the recent fine weather has made an unusually good demand for bulbs and lawn grass seed. In the case of bulbs the supply is running short on some items. Bulb planting has begun in the Public Garden, the order this year calling for 50,000 tulips.

VISITED CHICAGO: Lester L. Morse and wife, San Francisco, Calif.; O. L. Coulter, San Francisco, Calif.; Chas. Loehner, of Loehner & Co., New York; A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; J. A. Schrenker, Jr., of the J. Chas. McCullough Seed Co., Cincinnati, O.; A. Mathers, with the Everett B. Clark Seed Co., Milford, Conn.; Chas. P. Guelf, with the Jerome B. Rice Seed Co., Cambridge, N. Y.; C. F. Wood, Louisville, Ky.; C. W. Scott, of the Yokohama Nursery Co., New York.



Hunter Wheeler.

L. W. Wheeler of the Pieters-Wheeler Seed Co., Gilroy, Calif., After Hunting Trip.

Dutch Bulbs.

Hillegom, October 3.—Tulip prices were again high at the close of the shipping season on forcing varieties and Darwins. The demand has been heavier than expected. England has been a heavy buyer of the forcing kinds. Germany has also been buying more than the growers expected. The demand from these two countries is attributed to their prospective inability to purchase the usual shipments of cut flowers from France and Italy.

The gladiolus crop is very poor indeed and prices will be 100 per cent higher. Large bulbs will be very scarce. The acreage was much reduced last spring, the small growers preferring to throw some of their planting stock away and turning their attention to vegetable culture.

The growing of vegetables for shipment to Germany is now occupying the attention of the farmers. The prices obtained for all produce is so high that growers find it more profitable than bulb growing. Moreover they can touch their money at once when a deal has been made and the cost of labor for this produce is less than for bulbs.

Spinach Seed Embargo.

Concerning the embargo which the government of Holland has placed on spinach seed, referred to in our issue of October 23, taking effect September 30, it seems many dealers in America have contracted for spinach seed for shipment to be made from Holland during October and November, and that this embargo will seriously interfere with their trade. It has therefore been suggested that they write to the secretary of state, also their congressman, requesting that they take the matter up with the proper authorities and endeavor to have the embargo raised as promptly as possible.

German Goods.

HOW IMPORTERS MAY OBTAIN THEM.

Washington, September 29 (Special).—Sir Richard Crawford, commercial attache of the British embassy, has indicated to the foreign trade advisors of the state department the procedure to be followed by their office in submitting claims for the issuance of permits guaranteeing the unmolested shipment from Rotterdam of goods of German, Austrian and Turkish production.

It was said at the state department today that a close observance of the requirements will aid in the prompt handling of cases at the embassy. In presenting the claims the importers should furnish the following information:

Name and address of applicant (United States citizen or corporation, unless otherwise stated).

Nature.

Quantities and value of goods.

Name and address of vendor.

Date on which order was given; or date on which contract for delivery of goods was concluded.

Place at which it was stipulated in the contract that on delivery of the goods there the importer would be liable for payment.

Proof of the date on which payment was effected and through what channel.

Are the goods now lying at Rotterdam (or if not, where) awaiting shipment to the United States, and who are the forwarding agents at the ports of sailing?

How are the goods packed and what marks do the cases, etc., bear?

How many cases are there? Are the applicants' statements substantiated by depositions in the form of affidavits?

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Company

THE MACNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

Mammoth Auction Sales of Boxwoods, Rhododendrons, Rose Bushes, Bulbs, Etc., from Holland, also Local Consignments of Palms, Ferns, Rubbers, Evergreens, Perennials, etc.

Regular Salesdays Tuesdays and Fridays of each week at 11 o'clock, a. m.

Does the applicant submit in support of his application sworn copies of contract, originals of contracts or proofs of payment through American banks, in each case dated prior to March 1?

The Foreign Trade Advisers state if, upon examination, it is found that these proofs conform to requirements above indicated, they will be unofficially submitted by them to the British embassy. Unless the case conforms to all of the provisions required, and comes within the general terms of the cases which the British embassy indicates its willingness to receive, it would not be of aid to the importers to submit their cases to the Foreign Trade Advisers. The submission of incomplete cases would delay their consideration.

Clover Seed Acreage and Condition.

The acreage for clover seed in the United States this year is estimated to be about 114.5 per cent of last year's acreage, based upon reports to the bureau of crop estimates of the United States department of agriculture. The condition of the crop on September 1 is estimated at 80.3 per cent of normal, which compares with 77.4 per cent a year ago, and 79.7 the average of the past 10 years on September 1. These figures forecast a moderately larger crop this year than last year.

The acreage this year as compared with last year, and the condition on September 1 of this year and of last year, in percentage of normal in important states, are estimated respectively as follows:

States.	Acreage,		Condition	
	1915.	1914.	Sept. 1, 1915.	Sept. 1, 1914.
New York	125	88	78	73
Pennsylvania ..	95	83	84	84
Ohio	108	74	78	78
Indiana	130	67	74	74
Illinois	125	78	70	70
Michigan	106	79	84	84
Wisconsin	95	83	88	88
Minnesota	97	84	91	91
Iowa	102	87	86	86
Missouri	148	79	63	63
Kentucky	140	89	55	55
Tennessee	120	88	75	75
Idaho	120	94	88	88
Oregon	86	84	68	68

Onion Crop.

From a special report now being received by the department of agriculture, partial returns indicate that of the total crop produced in the states named below the percentage of onions of storage quality is as follows: Michigan, 42 per cent; Minnesota, 95 per cent; New York, 53 per cent; Indiana, 41 per cent; Ohio, 46 per cent, and Massachusetts, 40 per cent.

Lilium Candidum

Extra fine Northern-grown Bulbs—Just Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

NARCISSUS

	Per 1000
Empress, 1st size.....	\$12.00
“ Mother bulbs.....	17.50
Emperor, Mother bulbs.....	17.00
Golden Spur, 1st size.....	13.00
“ Mother bulbs....	18.00
Trumpet Major, 1st size.....	10.50
Victoria Bicolor, 1st size.....	12.50
Von Sion, 1st size.....	13.00
“ “ select double nose..	18.00

LILIES (New Crop)

Longiflorum Multiflorum, 9 to 10 in., 200 to case.....per case, \$19.00

Write for our Fall Trade Catalogue.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aater, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

Mention the American Florist when writing

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers

Langport, Somerset, England.
Special quotations on application.

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Have just received a small surplus of

**Japan Grown Freesias and
L. Formosums.**

Cold storage **GIGANTEUMS** always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan,
Wisconsin and Idaho **MILFORD, CONN.**

No Time Like The Present. Decide Now Upon The Best.

Chrysanthemums

For next season's planting. The Three Best for October Flowering are:

Golden Queen—For the first two weeks. **Crystal Gem**—White, for second week. **Marigold**—Bright yellow, third week. Are booking orders for January, February and March delivery, at \$7.00 per 100; \$6.00 per 1000.

Novelties For 1916

Early Rose—A bright rose pink. C. S. A. Certificate, October 16th. Best early pink for October 10-20th 50c each; \$4.00 per 10; \$30.00 per 100.

October Queen—Purest glistening white, maturing October 20th, 4 feet. Excellent upright growth with beautiful foliage. 50c each; \$4.00 per 10; \$50.00 per 100. Delivery on or before March 1st.

All other varieties both new and old furnished at popular prices.

ELMER D. SMITH & CO., - Adrian, Mich.

LILY OF THE VALLEY PIPS

Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

Loechner & Co., Inc., 11 Warren St., New York

FLORISTS appreciate the importance of seeds and bulbs which may be depended upon; most florists have experienced the disappointment and loss incident to poor quality.



for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.

The Import House
17 Murray Street, NEW YORK

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us,

W. E. HAILE, Seedsman,
Monticello, Fla.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

Petunias Petunias

Seeds of our celebrated strains
will be ready in November.

Seedsmen can safely recommend our
Giants of California, Fluffy Ruffles, Giant
White, Marvelous, double, and Peony-
Flowered, double.

Prices and list on application.

T. B. SHEPHERD CO.

Ventura, Calif.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDSBORO, N. J.**

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale
Farm.

Bristol, Pa.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana			
	In. high	Each	Per doz.
7-in. cedar tub, 4 plants in tub.	36	\$ 2.50	
7-in. cedar tub, 4 plants in tub.	36 to 40.....	3.00	
9-in. cedar tub, 4 plants in tub.	40 to 42.....	4.00	
9-in. cedar tub, 4 plants in tub.	42 to 43.....	5.00	
12-in. cedar tub, 4 plants in tub.	5 to 5 1/2 ft., heavy	10.00	
12-in. cedar tub, 4 plants in tub.	5 1/2 to 6 ft., heavy	12.50	
12-in. cedar tub, 4 plants in tub.	6 to 7 ft., heavy	15.00	
12-in. cedar tub, 5 plants in tub.	7 to 8 ft., heavy	18.00	

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens			
	Leaves	In. high	Each Per doz.
6-in. pot, 3 plants in a pot,	22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot,	24 to 28 in. high.....		1.00

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2 1/2-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40
5-in. pot.....	6 to 7.....	18.....	.50
6-in. pot.....	6 to 7.....	24.....	1.00
6-in. pot.....	6 to 7.....	26.....	1.25
6-in. pot.....	6 to 7.....	28 to 30.....	1.50
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00
9 in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Palms for Sale

- 1 Areca Lutescens, 14 feet high, 12 ft sprad, 24 inch tub..... \$ 75.00
- 3 Areca Lutescens, 9 feet high, 14 inch tub..... 75.00
- 1 Areca Buerii, 8 leaves, 18 inch tub..... 65.00
- 1 Kentia Forsteriana, 16 feet high, 17 leaves, 3 1/2 inch tub..... 75.00
- 1 Rhaps Flabelliformis, 6 feet high, 16 inch tub, well furnished..... 65.00
- 1 Pritchardia Pacifica, stem 12 inches in diam., about 130 years old, wonderful spec men, 18 leaves, 36 in. tub..... 1200.00
- 1 Latania Barbonica, 15 leaves, 29 inch tub..... 75.00
- 1 Alsophila Australis, 9 feet high, large head, 24 inch tub..... 40.00

Mrs. George Howard Lewis
533 Marine Bank Building
BUFFALO, N. Y.

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

THE G. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

FALL PRICE LIST

ROSES

"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Araucaria Excelsa



ARAUCARIA EXCELSA.

5-inch pots, 2 feet high, with 5 whorls, \$1.00 each.

6-inch pots, 2 feet 6 inches high, with 6 whorls, \$14.00 per doz.; \$1.50 each.

CYCLAMEN

Assorted Colors

4-inch, large plants, ready to flower, \$20.00 per 100.

Move your needs in Holiday and Winter Plants before freezing weather.

VAUGHAN'S SEED STORE,

43 Barclay St., NEW YORK.

31-33 W. Randolph St., CHICAGO

Greenhouses: Western Springs, Ill.

Orders are booked in rotation for
New Rose Pink Carnation

MISS THEO

\$12.00 per 100;
\$100.00 per 1000.

Littlefield & Wyman
North Abington, - - Mass.

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St.

CHICAGO

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
Johu Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

CUMBERLAND, R. I.—Fred I. Vose has been appointed forest warden for the term of one year.

STERLING, ILL.—Otto Matzinger has purchased a tract of 20 acres at Merrill street and Freeport road and will establish a nursery.

WINNIPEG, MAN.—The public park board has issued its annual report, a handsome booklet of 98 pages, attractively illustrated.

VISITED CHICAGO: J. Fraser, of the Fraser Nursery Co., Huntsville, Ala.; Peter Koster, Boskoop, Holland, returning from California.

WHITE PLAINS, N. Y.—The Wm. H. Moon Co., Inc., Morristown, Pa., have been engaged to make extensive improvement at the Tappan Zee Estate, Inc.

BALTIMORE, MD.—The Franklin Davis Nursery Co., 1 North Paca street, has been adjudged bankrupt and William F. Stone been appointed receiver and will continue the business until a trustee is appointed. The liabilities are said to be between \$35,000 and \$40,000; assets not stated.

Indiana Horticultural Society.

Experts of nation-wide reputation on the science of apple culture are on the program prepared by the Indiana Horticultural Society, to be given in connection with the Indiana apple show in Indianapolis November 8-12. There will be daily lectures covering every important branch of apple culture. An effort has been made to obtain the best professional and practical advice the country has to offer.

Halesia Tetraptera, Var. Monticola.

The silver bell tree of the southern states, Halesia tetraptera, has long been cultivated in northern gardens. It is usually shrubby in habit with several stout wide spreading stems, and here at the north, rarely grows more than 15 to 20 feet high. It is an inhabitant of the southern states from West Virginia to southern Illinois, northern Florida and eastern Texas. It grows at low altitudes and does not appear to ascend to the slopes of the high Appalachian mountains, although the halesia of those mountain forests was long considered identical with the lowland tree. The halesia of the high slopes, however, is a tree often 80 or 90 feet high, with a trunk three feet in diameter, sometimes free of branches for a distance of 60 feet from the ground. It is apparently only in recent years that this mountain tree has been introduced into cultivation by the Biltmore nursery. From Biltmore it was sent to the parks of Rochester, N. Y., and from Rochester it came to the arboretum with a description of its peculiar habit, large flowers and fruit. The mountain tree which has lately been distinguished here as var. monticola grows as a tree from the

time the seed germinates and the seedlings show no variation of habit. Young trees are clean stemmed with short branches which form a narrow pyramidal head. The leaves are of rather different shape and less hairy than those of the lowland tree; the flowers are fully a third larger and the fruit is nearly twice as large. Trees less than 10 feet produce flowers and fruit in abundance. There is now every reason to believe that the mountain halesia will prove one of the handsomest flowering trees of large size which it is possible to cultivate in this climate. Its tall trunk and narrow head suggest that it may prove a good street and roadside tree. Two young trees now covered with fruit are growing on the upper side of Hickory path near Centre street; growing with them is a plant of the lowland form, also covered with fruit, so that it is possible to compare these two forms as they appear at this season of the year.—Arnold Arboretum Bulletin.

Jackson & Perkins Co., Newark, N. Y.

A meeting of the directors of Jackson & Perkins Company was held this week, following the return of the president, C. H. Perkins, from California. The resignation of John Watson as director and secretary, which had been tendered Sept. 23, was duly accepted and regret was expressed by the other directors over the termination of his connection with the company's affairs.

George C. Perkins was elected to the vacant secretaryship. He will fill both that office and the one of treasurer, which he already held, and will resume the more active participation in the management which he partly relinquished some years ago because of being, at that time, in ill health.

Chas. H. Perkins, second, a nephew of the president, was made a director and was also elected vice-president. He is well known to the trade, having been for a number of years the company's efficient and energetic traveling representative. During the growing season he also has a general supervision of the various nursery farms. His election as a director and officer is felt by the other directors to be a well deserved recognition of his services.

Paul Fortmiller, who has been Mr. Watson's chief assistant for the past four years, was promoted to the position of office manager, and will have charge of a considerable part of the correspondence.

The outdoor organization of the company remains unchanged, and Jackson & Perkins are to be particularly congratulated on having built up and maintained a corps of such loyal and efficient employes. The heads of the greenhouse department and of the shipping department have each worked for the company over twenty-five years; in fact, both of them grew up with Jackson & Perkins, and neither man ever worked anywhere else.

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Write for Prices.

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California Privet

In any quantity and any size desired.
My Privet has more branches than what
is usually sent out, and I grade better.
Carloads a Specialty.

—ALSO—

Amoor River Privet,
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Well grown and in large supply.

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The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the American Florist Co.'s Trade Directory. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

WE NEED ROOM

Liberal extras for early orders. Special prices.

Size of pots	100	1000
2 1/2-in. Asparagus Plumosus.....	\$2.50	\$22.50
4-in. Asparagus Plumosus.....	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4-in. Asparagus Sprengeri.....	6.50	60.00
2 1/2-in. Begonia, Flowering, 12 kinds.....	5.50	50.00
2 1/2-in. Begonia Chatelaine.....	5.00	45.00
4-in. Begonia Chatelaine.....	8.00	75.00
2 1/2-in. Chinese Primroses, 30 kinds.....	3.00	25.00
4-in. Chinese Primroses.....	7.50	70.00
2 1/2-in. Cinerarias, Choice mixed.....	2.50	22.50
2 1/2-in. Coleus, 15 varieties.....	2.50	22.50
2 1/2-in. Cyclamen, Eight varieties.....	4.50	40.00
3-in. Cyclamen, Five plants.....	7.50	70.00
2 1/2-in. Double Petunias.....	2.75	25.00
2 1/2-in. Primula Obconicas, Choice mixed.....	2.50	22.50
3 1/2-in. Primula Obconicas.....	6.00	55.00
2 1/2-in. Geraniums, 15 varieties.....	2.25	20.00
3 1/2-in. Stivalia, Dwarf or tall.....	7.00	65.00
2 1/2-in. Smilax, Large plants.....	2.50	22.50
4-in. Ferns, Boston, Scottii, Whitmani, Roosevelt, Scholzei.....	20.00	
5-6 7-in. Dracaena Indivisa, \$15.00, \$20.00, \$25.00 per 100.		

Pansy Plants, \$4.00 per 1000.
Violet Plants, Field grown, Princess of Wales, \$5.00 per 100 \$45.00 per 1000

Abundance of Stock. Correspondence solicited

ALONZO J. BRYAN

Wholesale Florist, WASHINGTON, N. J.

PRIMROSES

Forbesii, Obs. Alba, Rosea and Ruby, 2 1/4 in pot.....	1.50
Obs. Gigantea, 2 1/4 in. pot.....	2.00
Asp. Plumosus, 2 1/4 in. pot, \$17.00 per 1000.....	1.75
Asp. Sprengeri, seedling, \$5.00 per 1000.....	1.00
Vinca Var., field plants.....	4.00
Pansy Plants, giant flowering, \$2.50 per 1000.	

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Strong 2-inch stock.

Nutt, Dagata, Ricard, Red Wing, Vaud, La Favorite, Jaulin, Perkins and Oberle, \$2.00 per 100, \$18.50 per 1000.

Ruby (best dark red), Gen. Wayne, Frenot, Dryden, Annie Vincent, Hill, Atlantis, Luigi Grandi and Poitevine. \$3.00 per 100, \$25.00 per 1000.

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Pot-grown stock, very bushy, ready now.
8 inch pots.....dozen, \$3.00; per 100, \$25.00
6 inch pots.....dozen, 2.50; per 100, 18.00

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English Budded Field-Grown Roses, c. i. f. New York, 10 cents each

Guaranteed low budded on briars, clean, vigorous stock, true to name "Amazingly fibrous rooted." Make your own selection from this list and send your order on C. O. D. terms less 5% Delivery to carriers in New York 14 days after receipt of order, in Liverpool. Bees Ltd. can run orders right on to quayside in own motor vans.

Prices are quoted in dollars and cents per hundred t. o. b. Liverpool. Freight, Duty, Insurance, etc., costs about \$50.00 per 1000 trees.

Abel Carriere.....\$ 6.60	Fabrier.....\$ 7.20	La Tosca.....\$ 7.20	Mrs. F. W. Vanderbilt.....\$ 9.60
Aennchen Muller.. 6.60	Fairy Queen..... 7.20	Laurent Carle... 6.60	Mrs. Harold Brocklebank... 8.40
Alex. Hill Gray... 8.40	Felleberg..... 6.60	Leonie Lamesch.. 7.20	Mrs. John Laing... 6.60
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A. K. Williams... 8.40	Florence Pemberton 8.40	Leslie Holland.... 8.40	Mrs. M. Mackean... 8.40
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Arthur R. Goodwin 7.20	Gen. Jacqueminot.. 6.60	Lyon Rose..... 6.60	Mrs. R. G. Sherman Crawford... 6.60
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Ben Cant..... 6.60	George Dickson... 8.40	Mme. C. Lutaud... 9.60	Mrs. W. H. Rowe... 8.40
Belle Brown..... 8.40	George Elger..... 8.40	Mme. E. Herriot... 9.60	Mrs. W. H. Cut-hush..... 8.60
Betty..... 7.20	Gloire de Chedane 8.40	Mme. Balcot..... 7.20	Mrs. W. J. Grant... 7.20
Brilliant..... 24.00	Gulnoisseau..... 6.60	Mme. G. Lulzet... 8.40	Nita Weldon..... 8.40
British Queen... 8.40	Gottfried Keller... 7.20	Mme. Hoste..... 8.40	Old Gold..... 10.80
Captain Hayward.. 6.60	G. Nabonnand... 7.20	Mme. I. Perriere.. 7.20	Old Moss..... 6.00
Caroline Testout.. 6.60	Grace Darling... 7.20	Mme. Jean Dupuy 8.40	Opheila..... 10.80
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Charlotte Klemm.. 7.20	Gruss an Tepplitz. 7.20	Mme. L. Messimy... 6.60	Persian Yellow... 7.20
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Dean Hole..... 7.20	J. B. Clark..... 7.20	Mrs. A. R. Waddell 8.40	S. M. Rodocanachi 6.60
Dr. O'D. Browne.. 7.20	Jessie..... 6.60	Mrs. C. E. Allen... 7.20	The Dandy..... 7.20
D. Page Roberts... 8.40	John J. L. Mock... 7.20	Mrs. C. C. Harrison 7.20	Theresa..... 8.40
Dorothy Restcliffe 8.40	Jos. Hill..... 8.40	Mrs. C. E. Pearson 9.60	Ulrich Brunner... 6.60
Duke of Wellington 8.40	Juliet..... 7.20	Mrs. Coru. West... 7.20	Victor Hugo..... 6.60
Dupuy Jamin..... 6.60	Katherine Zelmte. 6.60	Mrs. David Bailly. 7.20	Victor Carlow... 8.40
Earl of Gosford... 7.20	Killarney..... 6.60	Mrs. David McKee 8.40	Visc. Tolckstone... 8.40
Earl of Warwick.. 7.20	King Edward VII. 7.20	Mrs. E. Mawley... 8.40	Warrior..... 8.40
Ecarlate..... 7.20	King George V... 8.40	Mrs. E. G. Hill... 7.20	White Killarney... 8.40
Edith Bellenden.. 8.40	Lady Alice Stanley 8.40	Mrs. Foley-Hobbs. 8.40	W. E. Lipplatt... 7.20
Edy Meyer..... 8.40	Lady Ashtown... 7.20	Mrs. Forde..... 10.80	William Shean... 7.20
Edward Mawley... 8.40	Lady Dunleath... 9.60	Mrs. G. Shawyer... 8.40	Willowmere..... 9.60
Elizabeth Barnes. 8.40	Lady Hillingdon.. 8.40	Mrs. G. Shawyer... 8.40	W. B. Smith..... 8.40
Ellen Poulson... 7.20	Lady Mary Ward.. 9.60	Mrs. H. Stevens... 8.40	Yvonne Rabier... 7.20
Erna Teschendorf. 7.20	Lady Penzance... 8.40		
Ethel Malcolm... 7.20	Lady Pirie..... 8.40		
Eugenie Lamesch.. 8.40	Lady Roberts... 8.40		
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Aimee Vibert.....\$ 7.20	Dorothy Perkins...\$ 7.20	La France, climh...\$ 7.20	Queen Alexandra...\$ 7.20
Alberic Barber... 7.20	Excelsa..... 7.20	Leontine Gervais.. 7.20	Reine M. Henriette 7.20
Allister Stella Grey 7.20	Felicite Perpetue.. 6.60	Liberty Climbing... 7.20	Reine Olga de Wurtemberg..... 7.20
American Pillar... 7.20	Flame..... 6.60	Mme. A. Carriere.. 7.20	Rene Andre..... 7.20
Ards Rover..... 7.20	Gardenia..... 7.20	Mme. J. Gravereaux 7.20	Richmond Climbing 8.40
Aviateur Bleriot.. 7.20	Gerbe Rose..... 7.20	Mme. P. Cochet... 7.20	Shower of Gold... 7.20
Billard et Barre.. 7.20	Gloire de Dijon... 7.20	Marchal Niel..... 8.40	Source d'Or..... 7.20
Blush Rambler... 7.20	Hiwatha..... 7.20	Minnehaha..... 7.20	Tausendschon... 7.20
Bouquet d'Or..... 7.20	Jersey Beauty... 7.20	Mrs. W. J. Grant... 7.20	Tea Rambler..... 7.20
Car. Testout climb. 7.20	Johanna Sebuss... 7.20	Niphetos..... 8.40	Trier..... 7.20
Coronation Rambler 7.20	Kaiserin Auguste. 7.20	Paul Lede climbing 8.40	Ulrich Climbing I. 7.20
Crimson Rambler.. 6.00	Victoria Climbing 7.20	Paul Transon..... 7.20	White Dor. Perkins 7.20
Delight..... 7.20	Lady Gay..... 7.20	Prince C. deRohan 6.60	Zepherine Drouhin. 7.20
Diablo..... 7.20	Lady Waterlow... 7.20		
Dorothy Dennison 7.20			

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Abel Carriere.....\$2.88	Std. 1/2-Std. \$2.52	Harry Kirk.....\$3.60	Std. 1/2-Std. \$2.88	Mme. Mel. Souperi \$3.60	Std. 1/2-Std. \$2.88
Betty..... 3.60	2.88	Hugh Dickson... 2.88	2.88	Mme. Ravary..... 3.60	2.88
British Queen... 4.32	3.60	J. B. Clark..... 2.88	2.88	Molly S. Crawford. 3.60	2.88
Capt. Hayward... 2.88	2.52	Juliet..... 3.60	2.88	Mrs. And. Carnegie. 4.80	3.60
Caroline Testout 2.88	2.52	Lady Ashtown... 3.60	2.88	Mrs. Foley Hobbs... 4.32	3.60
Dr. O'Donel Brown. 2.88	2.52	Lady Hillingdon. 4.32	3.60	Mrs. H. Stevens... 4.32	3.60
Ethel Malcolm... 3.60	2.88	La France..... 2.88	2.52	Mrs. John Laing... 2.88	2.52
F. K. Druschki... 2.88	2.52	Lieut. Chaire... 3.60	2.88	Prince C. de Rohan. 2.88	2.52
Gen. MacArthur... 3.60	2.88	Lyon Rose..... 3.60	2.88	Rayon D'Or..... 4.32	3.60
George Dickson... 4.80	4.32	Mme. Ed. Herriot.. 6.00	2.88	Richmond..... 3.60	2.88
Gloire de Dijon... 2.88	2.52	Mme. Jean Dupuy.. 3.60	2.88	Ulrich Brunner... 2.88	2.52
Gruss an Tepplitz. 2.88	2.52	Mme. J. Gravereaux. 3.60	2.88	W. A. Richardson... 3.60	2.88

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Market Gardeners

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M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

FARMERS' BULLETIN No. 694, recently issued by the department of agriculture, Washington, D. C., deals with the cultivation of peppermint and spearmint.

The French government has placed contracts for 90,000,000 pounds of dried vegetables with New York evaporators. Included in the order—first of its kind ever placed in this country—are potatoes, cabbages, turnips, carrots and parsnips.

Prices of Indoor Fruits and Vegetables.

Chicago, October 26. — Mushrooms, home grown, No. 1, 20 to 25 cents per carton; lettuce, cases, 7 to 8 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 75 cents to \$1.25; tomatoes, baskets, 25 to 40 cents.

New York, October 26.—Celery, per bunch of 12 stalks; 10 to 35 cents; cucumbers, 75 cents to \$1.50 per dozen; mushrooms, \$1.00 to \$2.25 per 4-pound basket; tomatoes, \$1.50 to \$2.00 per 10-pound basket; radishes, per 100 bunches, 25 cents to 50 cents; lettuce, per basket, 15 cents to 60 cents.

Milwaukee, Wis.

SUPPLY AND DEMAND BALANCE.

With the exception of white and pink carnations, the supply in nearly all lines was a little better balanced to meet the demand, this no doubt being due to the ideal growing weather,—bright warm days and cool nights. The supply in chrysanthemums in all shades is now fully equal to the demand, and even for smaller work, pompons and singles can be readily had. The outdoor stocks, such as gladioli and dahlias, have made their exit for this season. Now, hurrah for the chrysanthemum rush which will be with us ere the week is over.

NOTES.

A sign in the window of the large store at 419 Milwaukee street formerly occupied by Conroy, the confectioner, reads thus: About December 1 this store will be occupied by the Edlefsen-Leidiger Co. The location is on a good business street and close to the wholesale houses. Other firms in the near vicinity are M. A. McKenney Co., Baumgartn's, J. M. Fox & Son, Walter M. Maas and A. Currie Co.

The C. C. Pollworth Co. reports business last week way ahead of anything for many a day past, both in shipping and local trade. One car of giganteum lilies were received and distributed last week. Two cars of azaleas are reported arrived at New York. This firm also reports having made a shipment of supplies to South America last week.

Taking advantage of the ideal weather Friday, October 22, Fred Holton, of the Holton & Hunkel Co., motored to Racine and Kenosha on a business trip. The following acted as guests and advisers: Gust Pohl, Wm.

R. Schroeder, John G. Heitman and Nic Zweifel. A good all around time was reported.

Perhaps the most interesting and elaborate event of this week will be the marriage of Miss Elsbeth Pabst to Mr. Douglas Parmentier at the St. James Episcopal church, October 28. J. M. Fox & Sons have the decorations for the house, while the A. F. Kellner Co. will do the work at the church.

C. B. Whitnall will talk on the "Garden City" at the meeting of the florists' club, November 4. This ought to bring out a good attendance. The ladies are cordially invited to attend both meeting and lecture.

Miss Irma Jeness, lately with the Holton & Hunkel Co. as assistant in the office, has accepted a position with the Baumgarten Floral Co., and commenced work October 25.

W. Hood, of Spring Green, Wis., was a recent visitor. He was accompanied by his daughter, Mrs. L. C. Stair, who conducts a flower store at Mineral Point.

Archie McDonald, manager of the Gimbel Bros.' flower department, promises a flower show to be held at Gimbel Bros. the first week in November.

Herm Schwan, of St. Francis, is shipping some choice cut chrysanthemums to the G. Rusch Co. This firm reports business rushing.

Wm. Zimmermann featured some choice cut blooms in pink and yellow chrysanthemums at his Grand avenue store the past week.

Visitors: Martin Reukauf, with H. Bayersdorfer & Co., Philadelphia, Pa.; James Karins, of Henry A. Dreer, Inc., Philadelphia, Pa.; Arnold Ringier, Chicago; Tom Commandros, of the Golden Rule Floral Co., St. Paul, Minn.

E. O.



Watch for our Trade Mark stamped on every brick of

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Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated hook, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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Vegetable Plants

Lettuce and Cabbage Plants, \$1.00 per 1000; 10,000 and over 85c per 1000
Parsley Plants, extra strong, for forcing 50c per 100; \$3.50 per 1000

R. Vincent Jr. & Sons Co., White Marsh, Md.

GERANIUMS

Our Guarantee holds good all the year; they must reach any point in the United States east of the Mississippi River in good growing condition.

Winter prices. **S. A. Nutt.** \$12.50 per 1000
Ricard and Poitevine. 15 00

A New Money Maker—The Two Buddleias.
Buddleia Variabilis, the butterfly plant, one of the best selling hardy shrubs.

Buddleia Asiatica, one of the finest winter pot plants you can grow. Every florist in the United States should have from fifty to a thousand of these according to the size of his place.

Rooted cuttings of either by parcel post, at \$2.50 per 100.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

A Few Good Things You Want.

Asparagus Plumosus, 2-in., \$2.50 per 100.

Geraniums, Nutt, Buchner, Ricard, Perkins.

Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.

Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c;

5-in., 25c.

Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c;

5-in., 25c each.

Rex Begonia, 2 1/2-in., \$5.00 per 100.

Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Special Sale of Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4-in. pans. \$ 4.00 per doz.
- 5-in. pans. 6 00 per doz.
- 6-in. pans. 12 00 per doz.
- 7-in. pans. 15 00 per doz.
- 8-in. pans. 24 00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2 1/4-inch pots a Specialty.

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

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Dracena amabilis, 6-inch, \$1 and \$1.25 each. Terminalis rosea, 4-inch, 40c each; \$5.50 per doz.; 5-inch, 75c each; \$7.50 per doz. Godseffiana, \$1 per doz. Dieffenbachia magnifica, 50c, 75c, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

EUONYMUS.

EUONYMUS RADICANS VEGETUS—Three-year-old potted plants for immediate delivery; also three-year, field-grown plants, \$20 per 100; \$2.50 per doz. Illustrated booklet. THE GARDEN NURSERIES, Narberth, Pa.

FERNS.

Asplenium nidus avis (Birdnest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2 1/4-in. a specialty. H. Piatt, Lawrence and Winton Aves., San Francisco, Calif.

FERNS.

Boston, 4-inch\$12.00 per 100
 Boston, 5-inch 25.00 per 100
 Boston, 7-inch 75c each
 Scotti, 4-inch\$12.00 per 100

JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3 1/2-in., \$1.80 per doz.; 2 1/4-in., \$6 per 100. Elegantiissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3 1/2-in., \$3 per doz.; 2 1/4-in., \$6 per 100. Elegantiissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2 1/4-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3 1/2-in., \$3 per doz. Harrisall, 8-in., \$12 per doz. Superbissima, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3 1/2-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3 1/2-in., \$15 per 100; 2 1/4-in., \$3.50 per 100. F. R. Pierson Co., Tarrytown, N. Y.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfieldii, 2 1/4-in., \$4 per 100; \$35 per 1,000. Boston and Springfieldii, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,

Exclusive Fern Growers,

SPRINGFIELD, OHIO

ASPLENIUM NIDUS AVIS (Bird's-nest Fern). Good, strong, healthy plants, 4-inch pots, \$40 per 100; 5-inch pots, \$75 per 100; 6-inch pots, \$100 per 100. WM. K. HARRIS, 55th and Springfield Ave., W. Philadelphia, Pa.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2 1/2-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. F. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns—strong pot-grown, 3-inch, \$5 per 100. Aspidium Tsusimensse, Cyrtomum Falcatum, Pteris Serrulata Cristata, Pteris Wilsoani. FLORACROFT GARDENS, Moorestown, N. J.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitman, 5-in., 20c; 6-in., 35c; The Geo. Wittbold Co., 737 Buckingham Place, Chicago, Ill.

BOSTON FERNS ready for 5-inch pots, \$16 per 100. R. O. LOMMATSCH, R. No. 1, La Grange, Ill.

Ferns, Boston, Scottii, Whitman, Roosevelt, Scholzeii, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Adiantum Croweanum, 3-inch, 5c; 4-inch, 8c. Schluraff Floral Co., Erie, Pa.

Boston Ferns, ready for shift, 4-inch, 15c; 5-inch, 25c. Schluraff Floral Co., Erie, Pa.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GENISTAS.

Genistas, 5-inch pots, compact, shapely plants, \$20 per 100. Jackson & Perkins Company, Newark, New York.

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GERANIUM ROOTED CUTTINGS, ready for immediate delivery or booked for later shipment at \$12.50 per 1,000. Nutt, Ricard, Castellane, Jaulin Vlaud, Poitevine, M. E. Long, (fine Salmon pink), and Snowdrift. Less five per cent if cash with order.

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Geraniums, 2-inch stock: Nutt, Dagata, Ricard, Red Wing, Vlaud, La Favorite, Jaulin, Perkins and Oberle, \$2 per 100; \$18.50 per 1,000. Ruby, Gen. Wayne, Frenot, Hill, Dryden, Annie Vincent, Atlanta, Luigi Grandi, Poitevine, \$3 per 100; \$25 per 1,000. F. H. DeWitt & Co., Wooster, Ohio.

Geraniums, 15 vars., 2 1/4-in., \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3-inch pots, ready for shipment, \$3 per 100; \$25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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XMAS DECORATIONS.

Selected Box Holly, Holly Wreaths a specialty in large and small quantities. Write your requirements.

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Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

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Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

HYDRANGEAS.

Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chantard, Senateur Henri David, Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$6 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

New French hydrangeas, out-door, pot-grown, 6-inch pots, 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20 per 100; 4 branches, \$15 per 100. Bouquet Rose, Gen. de Vibraye, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere, Radiant, Jackson & Perkins Company, Newark, New York.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangea Otaksa, strong field-grown 1 to 6 shoots, 2 1/2 c a shoot. Schluraff Floral Co., Erie, Pa.

HYDRANGAEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

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GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$13 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices, \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 30-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechner & Co., Inc., 11 Warren St., New York.

MISCELLANEOUS.

Coleus, moonvines, heliotrope, lemon verbenas, parlor ivy, ageratum, alyssum, alternantheras, salvias, 2-inch pots, \$2 per 100; 3-inch pots, \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cyperus Alternifolia (umbrella plant), 4-inch, \$8 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Polypodium Maudslani, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

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Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubbed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantsville, N. J.

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Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids, Francisco Delgado Q., Bogota (Chapinero), Columbia.

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KENTIA BELMOREANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18\$ 0.40
6-inch pots,	6 to 7,	24	..... 1.00
6-inch pots,	6 to 7,	25 to 30	..... 1.50
6-inch pots,	6 to 7,	32 to 34	..... 2.00
7-inch pots,	6 to 7,	36	..... 3.00
8-inch tubs,	6 to 7,	38	..... 3.50
8-inch tubs,	6 to 7,	48	..... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot,	24 ins....	\$ 1.50
7-inch pots, 3 plants in a pot,	38 ins....	3.50
Specimens, very heavy	.....	\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

	Leaves.	Inches high.	Each.
6-inch pots,	5 to 6,	28 to 30	.....\$ 1.00
6-inch pots,	6 to 7,	34 to 36	..... 1.50
6-inch pots,	6 to 7,	38 to 42	..... 2.00
6-inch pots,	6 to 7,	44 to 46	..... 2.25
8-inch tubs,	6 to 7,	50 to 54	..... 5.00
8-inch tubs,	6 to 7,	5 ft.	..... 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	..... 8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	..... 10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
7-inch pots, 3 plants in a pot,	28 to 30	2.00
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 4 plants in a tub,	50	5.00
8-inch tubs, 4 plants in a tub,	56 to 58	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5 1/2 ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00
Very strong specimens, 15-inch tubs,	5 plants,	\$15.00, \$18.00 and \$25.00.

PHOENIX ROEBELENI.

	Inches high.	Each.
7-inch pots, 22 ins. high, 30 to 32-in. spread	\$2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	2.50
8-inch tubs, grand specimens	3.50
10-inch tubs, grand specimens	\$5.00 to 7.00

ARECA LUTESCENS.

7-inch pots, 3 plants in a pot	.....	2.00
8-inch tubs, 5 plants in a tub	.....	3.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

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PANSY SEEDS—Finest German Giant-Gold Medal Strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz., 1/4 oz., \$3; trade packet, \$1. Common Giant, mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. PANSY SEEDLINGS, Gold medal strain, 50c per 100; \$4 per 1,000. Transplanted finest mixture, 75c per 100; \$6 per 1,000. ERNEST ROBER, Wilmette, Ill.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS, BEST GIANTS, They combine the choicest large-flowered sorts; both European and American growers; extra strong, \$3 per 1,000. Express prepaid. GLOBE GREENHOUSES, Second Ave., Munroe and Garfield Sts., Denver, Colorado.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies, 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

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XMAS PEPPERS, extra fine plants, full of berries, 4-inch at \$10 per 100. Also Jerusalem Cherries, 5-inch at \$15 per 100. ELITCH-LONG GREENHOUSES, Denver, Colo.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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POINSETTIAS.

2500 2 1/2-in. good plants	100	1,000
2 1/2-in. extra select	\$4.00	\$37.50
3-inch	5.00	45.00
3-inch	.....	8.00	70.00

A. L. RANDALL CO.,

Wabash at Lake, Chicago, Ill.

POINSETTIA HEADQUARTERS—All top cuttings. 2 1/2-inch, strong stock, \$4 per 100; \$37.50 per 1,000; 3-inch, \$8 per 100; 4-inch strong stock, \$15 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 4-inch, 10c; 5-inch, 20c; 6-inch, 35c. Schluraff Floral Co., Erie, Pa.

POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

Primroses, Chinese, 2 1/2-in., \$3 per 100; \$25 per 1,000. 4-in., \$7.50 per 100; \$70 per 1,000. Primula obconica, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 3 1/2-in., \$6 per 100; \$55 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primroses, Forbesii, Obconica alba, rosea and Ruby, 2 1/2-inch pots, \$1.50 per 100. Obc. Gigantea, 2 1/2-inch, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primula chinensis, asst. 5-inch, 15c. Schluraff Floral Co., Erie, Pa.

PRIVET.

PRIVET.

WE OFFER AMOOR RIVER PRIVET.

	Each	Ten	100	1,000
18-24 in., light	.....10c	\$0.75	\$ 3.50	\$ 30.00
2-3 ft.	.....15c	1.00	7.50	60.00
3-4 ft., heavy	.....20c	1.25	10.00	75.00
4-5 ft., heavy	.....30c	1.50	12.00	100.00

Also see our ads under Spirea and Berberry. Send today for our complete price list.

AURORA NURSERIES,

Telephone 339. Aurora, Ill.

California privet, all sizes. Write for pricea. J. T. Lovett, Little Silver, N. J.

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Field-grown roses, hardy, firm-wooded, northern-grown. Send for list of varieties. Jackson & Perkins Company, Newark, New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Roses, English huddled field-grown. For varieties and prices see advertisement elsewhere in this issue. Bees, Ltd., 1077 Mill St., Liverpool, England.

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ZVOLANEK'S WINTER FLOWERING SWEET PEA SEED. ALL VARIETIES.

Winter Flowering Orchid Type: MRS. A. A. SKAACH—shell pink, keeps well and retains color; ¼ oz., 75c; 1 oz., \$1.75; 4 ozs., \$6.50.

WHITE ORCHID—The well known true white, ¾ oz., 75c; ½ oz., \$1; 1 oz., \$1.75; 4 ozs., \$6.

CHRISTMAS PINK—Pink and white, ½ oz., 15c; 1 oz., 25c; 4 ozs., 75c.

MRS. J. M. BARKER, standard lilac rose wings on white ground, very large and well formed flowers, ¼ oz., \$1.50; ½ oz., \$2.50; 1 oz., \$4.

A. L. RANDALL CO.,

Wabash at Lake,

Chicago.

WINTER ORCHID—FLOWERING SWEET PEA SEED.—I have still some of the best money makers on hand: Mrs. A. A. Skach, clearest pink, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose. Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 ozs.; \$18 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lavender; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Huff, Swedesboro, N. J.

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Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Iabell & Co., Jackson, Mich.

Seeds, petunias. Prices and list on application. T. B. Shepherd Co., Ventura, Calif.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, peas, beans and sweet corn. Sloux City Seed and Nursery Co., Sloux City, Iowa.

SMILAX.

SMILAX.

Strong 2½-inch stock, \$1.75 per 100.

JOHN KRUCHTEN CO.,

22 North Wabash Avenue, CHICAGO, ILL.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegheny, N. Y.

SMILAX, strong plants, 3-inch pots at \$4 per 100. HENRY SMITH, Grand Rapids, Mich.

SPIREA.

SPIREAS.

WE OFFER SPIREA VAN HOUTTEI.

	Each	Tea	100	1,000
2-3 ft.....	15c	\$1.00	\$7.00	\$60.00
3-4 ft.....	20c	1.25	8.00	75.00

Send today for our complete price list. Also see ads under Privet and Berberry.

AURORA NURSERIES,

Telephone 339.

Aurora, Ill.

SWAINSONA.

SWAINSONAS, white, 4-inch pots, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage, \$1 per 1,000; 10,000 and over, 85c per 1,000. Parsley plants, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegheny, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$4 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

VIOLETS—Extra fine field clumps of Gov. Herrick from selected flowering stock, \$5 per 100. Cash. W. H. CULP & CO., Wichita, Kan.

Violets, Gov. Herrick, field clumps, \$4 per 100. Schluraf Floral Co., Erie, Pa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. White, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermice, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotina Mfg. Co., St. Louis, Mo.

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Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands, enameled green, made in three sizes to extend to 30, 44 and 56 inches, \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenlogg's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manure. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pesto Pruning Shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchlaon & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c, postpaid. Elmer D. Smith & Co., Adrian, Mich.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, mosa aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hewa's standard. A. H. Hewa & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

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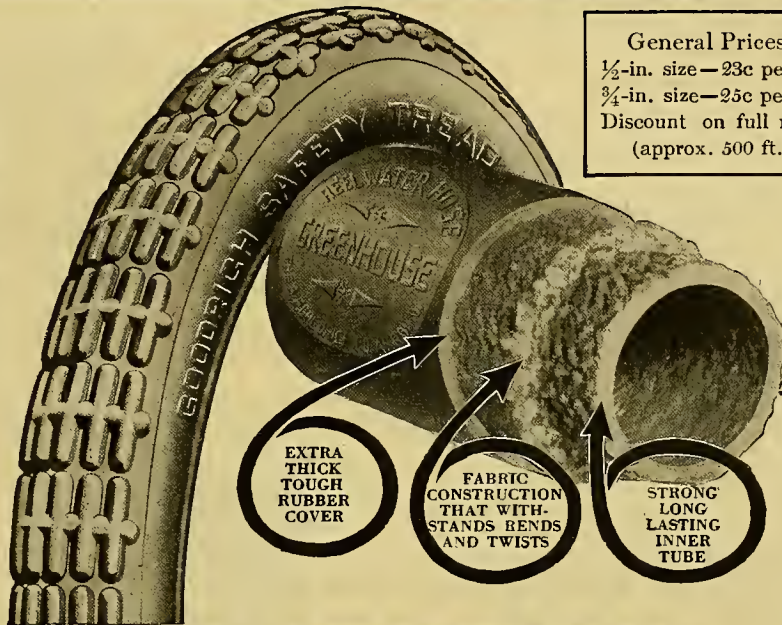
TRADE GENERALLY SATISFACTORY.

Though there is a generally healthy tone to the trade, some florists claim that the unusually warm October weather prevents buying from having the snap that should exist at this stage of the season. Chrysanthemums are near their height in supply. The present week is about the first showing much excess over demand. Opinions differ as to likelihood of a glut, but for the next two weeks, at least, this flower will come into the market in great volume. At no previous season have local stocks been more varied or luxuriant. Prices range from \$2 to \$5 a dozen. Pompons bring \$1 and \$1.50. Carnations are plentiful and of increasing good appearance at 60 cents per dozen. In roses there is ample supply to meet the rather light requirements in Maryland, Ophelia and Sunburst. American Beauties are scarce and high. Violets are also light stock. Lily of the valley is in increasing demand. The bulb trade is keeping up well, and there seems to be no difficulty in securing anything that is grown.

NOTES.

Columbus seems to offer a ripe field for someone who would be able to reconcile jealousies among florists and remedy needless trade abuses which exist. One of the leaders in the trade ventures, that in no city in the country of similar size, is there less co-operation among dealers. Some half-dozen or more maintain neighborly relations with one another, but efforts to effect an organization have failed in the past because the majority stood aloof. It is pointed out that chrysanthemums are again appearing in the five-and-ten-cent stores, bought of growers, as was the case last season, when large quantities were sold at such places. With retailers acting as a body, it is recognized that it would be easy to remedy such an infringement of their interests by growers. This is only one of many remedial evils which in the aggregate cost the florists of Columbus thousands of dollars annually.

Thomas J. Ludwig, the florist, has been placed in charge of the landscaping of a large new suburban addition being laid out by the Dominion Land Company. The acreage abounds in fine forest trees and shrubbery, the latter started some years ago when it was proposed to utilize the grounds for a zoological garden. Much of this growth will be preserved. Mr. Ludwig is now trimming it up and clearing out that which is undesirable. This will require a force of 10 men for a month. Further landscaping work will be begun there next spring. C. J.



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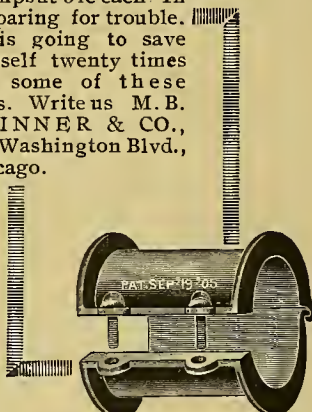
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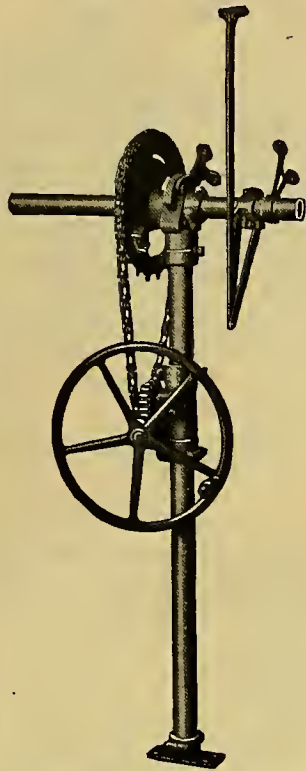
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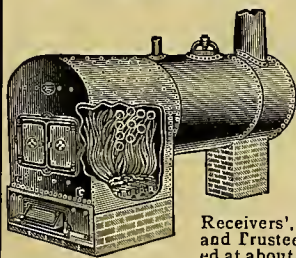
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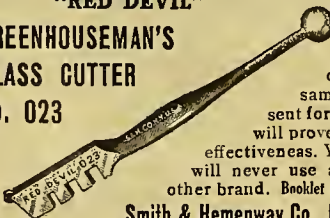
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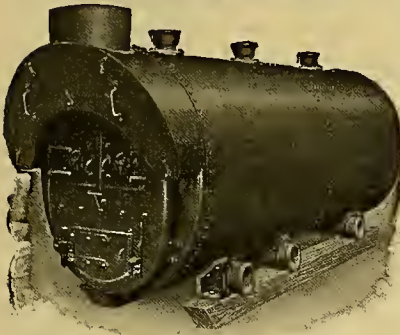
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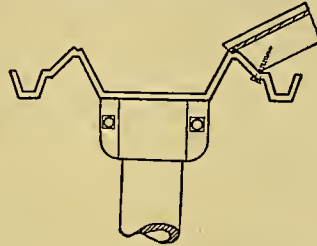
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Nicotine Mfg Co.....	788	Schwake Chas & Co.	766
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Northwestern Wire Works.....	789	Shepherd T B Co..	776
Ostertag Bros.....	771	Sheridan Wlster F..	767
Palez Paul M.....	770	Siebrecht George C.	767
Palmer W J & Son..	770	Situation & Waits..	753
Park Floral Co.....	770	Skidelsky SS & Co..	1
Peacock Dahlia Farms.....	778	Skinner M B & Co..	788
Pedrick G R & Son..	776	Small J H & Sons..	769
Peterson Nursery..	778	Smith A W & Co....	771
Peters & Reed Poty.	790	Smith E D & Co....	776
Phillips Bros.....	772	Smith & Fetters Co.	769
Pierce F O Co.....	788	Smith & Hemenway.	790
Pieroon A N (Inc)..	777	Smith Henry.....	772
Pieroso F R Co.....	1	Smith Wm C Flo Co.	765
Pleters-Wheeler Seed Co.....	774	Smith W & T Co...	1
Pikes Peak Flo Co..	772	Storra & Harrison..	778
Pillsbury I L.....	792	Stump G E M.....	771
Pittsburgh Cut Flower Co.....	764	Superior Machine & Boiler Works..	791
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Podesta & Baldocchi.	771	Thompson J D.....	1
Poehlmann Bros Co	756	Carnation Co.....	1
	757	Fhorburn J M & Co.	776
Pollworth C C Co..	765	Tanner O A.....	758
Portland Flo Shop..	772	Totty Chas H.....	781
Pulverized Maunre Co The.....	788	Traendly & Schenck.	767
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Randolph PS & Son.	781	Vick's Sons J.....	776
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Robinson J C Seed Co.....	777	Whildin Pottery Co.	791
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Robbert Waldo....	775	Wieter Bros.....	760
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Rusch G & Co.....	765	Willens Cons Co..	791
Rye George.....	772	Williams W G & Son	768
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Schiller, the Florist.	772	Wolfskill Bros & Morris Goldenson.	772
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Lumber Co.....	IV	Worthy H S.....	768
Schlatter W & Son..	792	Yokohama Nurs Co.....	776
Schling Max.....	770	Young A L & Co766	767
Schluraf Floral Co.....	781	Young John & Co..	767
		Young & Nugent..	769
		Zech & Mann.....	763
		Ziska Jos.....	763



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THE AMERICAN FLORIST



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Vol. XLV.

CHICAGO AND NEW YORK, NOVEMBER 6, 1915.

No. 1431

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The American Florist

AUTUMN NUMBER

**WILL BE ISSUED
NEXT WEEK.**

Just Right for the Thanks-
giving and Holiday Trade.

Please Mail Advertisements and
News Items as Early as Possible.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

Suggestions for Plant Growers.

Violets.

The temperatures of both night and day have now become settled enough to keep the violet houses in the best growing condition, and the plants should have made a strong healthy growth, and be producing blooms of good quality. The first sign of disease will sometimes make its appearance as early as the first of November, yet it ordinarily does not show up until later in the year during the dark, dull weather. All leaves which show disease should be picked off at once, and if there should be any great amount making its appearance, run the plant a little dry, and under no circumstances allow moisture to remain on the foliage over night. Water only on bright days and then early in the morning. Give all the air possible during the day, and if the disease continues raise the temperature a little at night and do not open the houses quite as much or as early in the morning. A little warmer temperature will induce a new root action, and if this takes place the plant will begin to make a new growth and the disease will disappear. The disease only makes any great headway while the plants are not growing, for when "the elegant spring," as one grower always used to express it, comes, the plants take on new vigor and the disease is no more. As soon as the plants begin to grow the temperature can be dropped to normal for the culture of these plants, which should be about 40° at night. Be careful in removing the leaves not to disturb the plants any more than necessary. Do not pull them off carelessly, but pinch them off with the thumb and forefinger.

Rambler Roses.

The wood of the several rambler roses that are to be forced should be well ripened up. Those that have been grown in the open ground should be lifted and potted. The pot-grown stock should be subjected to some

freezing weather, but they should not be left out until the weather becomes severe enough to freeze the ground so that the pots become broken. A covering of leaves may be placed over the pots if the wood has not been thoroughly ripened, but they are better stored in deep pits or sheds, where the temperature may be kept just above the freezing point. The small twiggy wood should be cut out, leaving the strong canes and these should be tied to a stake and kept erect. This will greatly reduce the labor when moving them and allow for closer packing when they are packed away and besides prevent the branches from lying on the ground and becoming soft or perhaps causing rot, if too damp. The stock that is lifted and potted should be given a rich rose soil and potted firmly, ramming the soil down hard with a wooden stick. All roses require a firm soil to get the best results. The Baby Ramblers can be carried into the houses and brought into bloom for Christmas. A temperature of 60 degrees to 65 degrees should produce plants with bloom if started at once.

Ferns.

A good stock of small ferns is a necessity at this season of the year to the florist having a retail trade, for the fern dishes will now be coming in to be refilled and this has become quite a feature of the business. While this branch of the trade is in many cases very unsatisfactory, yet it is greatly the fault of the dealer that it is so, and with a little care and method can be made very remunerative and satisfactory to himself and his customers. In the first place a book should be kept giving the date when such customer's dish was filled, and above all things do not endeavor to buoy the customer up with any false hopes as to how long the dish will keep in good condition. In many cases the dish is placed on the center of the table 15 to 20 feet away from any light, the care left to domestics, and

it may never be watered from the time it reaches the house until it is returned to be filled, and oftentimes the customers will say it was only a week or two since it was filled, when by reference to the book it will be found to have been two months. When the dish is returned make a note as to what varieties seem to have succeeded the best and use these in refilling. It is wonderful to note the effect on the different varieties in different houses. What will live and thrive in one house will often be the first to die in another. Have a few dishes put up ready for sale. It is often possible to make a sale when the customer sees them all ready, though he might not wait to have one made up or would never think of it unless his attention was drawn to it. Besides the ferns, have a good stock of *Asparagus plumosus* and *Sprengeri* in small pots; these will often grow where ferns will not live at all. And also a fine lot of small palms, cocos and kentias, and small dracenas for the centers of the fern dishes.

Outside Tulips.

The tulips should be planted in the beds as soon as possible from now on. It will do them no good to remain out of the soil, for they will lose some of their vitality. While we do not like to plant them out when the soil and weather are warm, yet October and early November is the proper time to get them in. There is danger now of the ground becoming frozen at any time and they should all be planted while the ground can be worked, for it is very difficult to set them even after a thin crust has formed on the soil. The covering can, however, be left until freezing weather sets in, and, in fact, is better, for if the ground becomes frozen the bulbs will not make any top growth, which is likely to occur if covered now and kept too warm. Do not cover too deeply. The object of the covering is not to prevent the soil from freezing, but to prevent the alternate thawing and freezing that often occurs and which will in some cases throw the bulbs out of the soil altogether. Leaves three or four inches thick make the best covering, with boughs or boards laid across to prevent the winter winds from blowing them away.

Gladiolus Colvillei.

The winter blooming gladioli make a valuable addition to the late winter and spring flowers and are very useful as a cut flower or in all kinds of floral work. The blooms are much smaller than the *Gladiolus Gandavensis* and kindred kinds and can be artistically employed. The varieties grown are *The Bride*, white; *Blushing Bride*, white, tinged with pink, and *Peach Blossom*, light pink. The culture of these is very easy and by a succession of plantings the flowers may be had all through early spring up to June. The bulbs can be procured all at once and kept dry and cool, but do not leave them standing around in the room over the boiler or they will rapidly lose their vitality. They can be planted in deep flats and placed in an out-of-the-way place until they begin to grow, when they should be given a light location in a house with a temperature similar to that in which carnations are grown. The flowers will be larger and have more substance if grown cool, but it will take considerably longer to get them into bloom. Some growers plant

these bulbs between the rows of the carnations or the violets, but our experience has been that it is far better to grow them in boxes by themselves, for the carnations will need all the nourishment in the soil if growing well, and if not, they as well as the violets when through blooming had better be cleaned out and some other crop planted and not have a crop mixed in which would delay the planting or occupying of the space. These gladioli will be found very useful and well appreciated by the best trade.

Spiraea Japonica.

When the roots of *spiraea* arrive, do not leave them lying around in a dry state. This plant never does well if allowed to get too dry, even in a dormant stage, and every grower knows that one of the principal things in growing them is to keep them well supplied with water. Those that are to be grown for Easter are better potted at once and kept cool until the first of the year, but before potting soak the clumps well in a tub of water; then after potting water thoroughly and place in a cool, dark place. Those that are to be bloomed for Memorial day or late in spring can be left in the case, but turn the hose on them and give them a good soaking and then put them in a cool, damp cellar until late in winter, when they can be benched or potted as desired.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Handling Plants in the Store.

Plants are just as essential to the stock in trade as cut flowers; to be sure, the money is not turned over so quickly with the plants as with the flowers, but on the other hand, the growing stock is much more lasting, the palms and ferns, together with the large variety of other foliage plants, being in salable condition for a long time if given ordinary attention. Even in the blooming section, if conditions are at all favorable, a number of the popular favorites will keep in salable condition for a week or more, during which time the stock will sometimes be entirely changed by sales and renewals.

Aside from the profit, the decorative and up to date appearance given by a display of seasonable flowering and foliage plants is worth all it may cost in passe and unsalable stock. To properly care for and keep these ornamental features always to the front requires considerable handling, as all suffer from careless watering and the inattention which seems almost inevitable during the crowded and busy days which develop with more or less frequency during the season. The stock of this character should be as near its best as possible when placed



URN AT THE PANAMA-PACIFIC EXPOSITION, OCTOBER 21-26.

Exhibited by Mrs. R. E. Darbee; San Francisco, Calif. See Issue of October 30, Page 745



TABLE DECORATION OF OPHELIA AND MRS. CHAS. RUSSELL ROSES, PANAMA-PACIFIC EXPOSITION, OCTOBER, 21-26.

Arranged by Pelicano, Rossi & Co., San Francisco, Calif. See Issue of October 30. Page 745.

for sale, its bright and attractive appearance drawing the attention of the visitor, while the intelligent salesman does the rest. Too often stock that is passe and unsalable is seen standing about, a detriment instead of an ornamental feature. Two or three dusty, scrawny looking aspidistras, if gathered together to make a larger symmetrical plant, with polished leaves, is at once salable and liable to be turned into money at any time.

The variegated *Pandanus Veitchii* is most decorative and will stand well in the stores if given water but sparingly; once a week is sufficient and the same treatment should follow when sold. Crotons are wonderfully fine with their brilliant foliage. These, together with *Dracenas fragrans* and *Massangeana*, should also be kept on the dry side. These in common with all broad leaved plants require frequent dusting and syringing to keep the green and lustrous color in the foliage. Should brown edges appear, they should be scientifically clipped, so as not to disturb the contour of the leaf. The good old *Ficus elastica*, or rubber plant, is a trifle out of the running at present, but still has its friends. The *pandurata* and *utilis* are fancy sorts that are very ornamental and lasting and they too thrive best when well pot bound, with little watering. The rather rare plant, the bird's nest fern, is most striking with its broad, vigorous, glossy green fronds. The almost countless varieties of the Boston fern are splendid stock. Hanging vases of these look well overhead, and many sales are made for similar decorations in the house.

The cibotium is, without doubt, the most decorative of all ferns and no store should be without a specimen or two of this splendid plant. While a few of the above may be displayed barefooted, yet with the majority, their sale is enhanced if placed in suitable fancy pots or basket covers. While this adds to the price and increases the profit, the added attractiveness of up-to-date pottery gives class and tone to the store and is well worth studying out to successful achievement.

Blooming plants such as well flowered cyclamens, begonias (if they would only hold their flowers), azaleas, poinsettias, heather, daisies and genistas, are all good stock to carry, being useful for basket work, even after they are not quite good enough to sell individually. A table near the front of the store, kept filled with blooming stock, each plant in jar or basket or crepe paper cover, with at times a ribbon bow to give a touch of color, and so placed that each plant will give an account of itself, will be found to pay well for the space occupied. K.

MANKATO, MINN. — The Windmill Co. is having a flower show this week which opened November 2 and will close November 4. They are advertising in all the newspapers and have booths featuring the Florists' Telegraph Delivery Association and the National Floral Corporation. Many flowers were donated for the occasion by a few of the wholesale florists in other cities, and the show is proving to be a great success.

European Horticulture.

Among the newer plants mentioned in a recent issue of the *Revue Horticole*, we find the following:

Incarvillea grandiflora brevipes. — Very similar to *I. grandiflora*, but more hardy.

Saponaria ocyroides alba and *versicolor*. — The former has pure white flowers; the latter opening white and turning to pink, the two colors showing prettily together on the same plant.

Anthemis montana. — This plant forms large tufts of ashy gray foliage, and is covered in May with large numbers of marguerites, producing a highly decorative effect.

Thalictrum dipterocarpum. — This variety grows five feet high, with large light panicles of small lavender flowers. It is not difficult of culture and is remarkably beautiful.

Iris Germanica. — There have been many notable introductions of this variety in the present century, among them *Magnifica*, *Alcazar*, *Isoline*, *Ballerine*, *Barbe-Bleue* and *Moliere*, all remarkable for their size and beauty of color.

Anemone sylvestris grandiflora. — This is somewhat larger than the ordinary type. *Anemone globosa* is of very erect growth, with fine-cut foliage and pretty globular pink flowers.

Dielytra spectabilis erecta. — Much more compact and of better carriage than the type.

Salvia flava. — Has bright yellow flowers with brown striped throat in numerous clusters.

THE ROSE.

Christmas Crop Preparations.

It is now time to make preparations for the Christmas crop by pinching back for the extra long stems and timing the cut, etc. Usually anything that is pinched from October 20 until November 4, will come along nicely for the holidays, with suitable weather, so we usually work within these dates with good success. Of course, it is a "trust to luck" proposition, but not any more so than many other things that are done under glass, so we have to take the chances. At the same time we do not consider it good business to do a great amount of cropping for any one particular holiday, but merely aim to have considerably more at Christmas than the average daily cut, and as the demand for roses is lessened very much during the chrysanthemum season, one can allow an extra amount to bloom for the Christmas holidays; yet the grower who is in a position to have a fairly good cut from day to day throughout the winter months, or practically for that matter during the whole season, finds himself engineering things about right we are sure, especially the small grower. The big fellows can afford to crop; they make a business of bringing in good size ranges in a succession of crops, for in their case several houses off crop entirely, are only missed for the time being, for they are followed by others, but the grower with the small range we feel assured will come out better by pinching a few here and there daily, the object being to have continuous cuttings or as near to it is possible. Very often, too, the houses are small and not always adapted to the growing of high grade stock in mid-winter, especially where a heavy cut has been taken for Christmas, therefore, we would suggest as stated above to try to keep the crop broken and only at a time when the prices and the demand are extremely good, should the small grower attempt to have an extra supply and then not enough to cut back the plants too hard. To this end we must of course leave it to the judgment of the grower, for the work on each and every place varies, not so much in the varieties that are being grown, but the growing conditions call for some special treatment that the grower who is a close observer becomes accustomed to and which may seem to be handled entirely different from his next door neighbor's stock. So it really means that all we can do to help is based upon our own experience under what one could say were modern conditions, which can with good judgment, be applied to the general cultivation of the rose under glass at the present time, our object being to state certain facts that each grower can adjust to suit his own special conditions. At this time all plants in a good growing condition should be pushed right along, allowing no check for want of feeding.

It will not be any too safe to mulch heavily at this time as we consider liquid manure a better feeding medium in the winter months than the mulches. A light top dressing of well-rotted cow manure can be used almost any time, just scattering a thin layer over the surface, but a heavy soggy mulch that one can use in February or March and

slop it around will not go now as the days are growing shorter and shorter, and naturally the soil evaporates slower and slower each day, so the light top dressing, with a good watering, with liquid cow manure at least every 10 days (and used on bright days), will be found a good safe way to keep the plants jumping during the dark days. E.

Smith's Chrysanthemum Novelties.

We present herewith illustrations of two of the latest new chrysanthemums sent out by Elmer D. Smith & Co., Adrian, Mich. The descriptions are as follows:

Tiger (exhibited as 111-1-13).—At the solicitation of the management of the Cleveland flower show, President



Chrysanthemum October Queen.

A New Variety Introduced by Elmer D. Smith & Co., Adrian, Mich.

Wilson has kindly supplied the name for this new yellow, a seedling from Chrysolora, being several shades darker than its parent. It is supremely fitted for the rank and file of growers, especially those who are unable to plant early, as its characteristics stamp it as a commercial of special merit. Fine incurved form, producing flowers double to the center from September buds, sturdy semi-dwarf growth, with beautiful foliage and very ridged stem. Height about four feet from June 1 plantings. Best bud September 5.

October Queen.—This belongs to the Japanese section with an inclination to incurve at the center, especially from September buds. One of the purest whites we know of, maturing October 15, height five feet. This variety has been scored 93 points, having been given full number on color, stem and foliage. Best bud August 25.

WAUKESHA, WIS.—The Waukesha Floral Co. has opened a retail store at 409 Main street.

Stillman's Dahlias.

Under the title of "The Dahlia as the Principal Crop," the Providence (R. I.) Sunday Journal in its issue of October 24, devotes one full page with illustrations to an interesting account of the dahlia fields of George L. Stillman, dahlia specialist, Westerly, R. I.

Mr. Stillman, the scion of a family of well-known Rhode Island carriage builders, became interested in the dahlia when he was about 18 years of age, and with a few choice bulbs as his initial start, his plantings increased with each succeeding year, until during the past season he had more than 12 acres of dahlias under cultivation, representing some 700 standard varieties. To care for the plants now requires Mr. Stillman's undivided attention and gives employment to four men the year round and to a considerably greater number during the busy seasons of planting and harvesting.

New York Spring Show.

Five months might seem a long period to those who are not engaged in preparations for the big flower show to be held in New York, April 5-12, 1916, although to the men who are working like beavers to make it certain that the 1916 show shall overshadow all previous exhibitions, the time seems all too short. With monthly meetings, and a division of the general committee into sub-committees, the work of preparation is well advanced; but with the idea generally imbued among the workers that the next show must present new features, new ideas, and, above all, show progress from an expositional point of view, five months for further preparation is a period all too small.

The idea of the rose garden, so well carried out at the show last spring, bids fair to become a most important feature of the next show, for the reason that the premiums offered are on a most liberal basis, and sufficiently attractive to insure six or more exhibits in the class set apart for displays of this kind. Just think of it—six rose gardens.

The rock garden, a much cherished institution on the other side of the water, and an object of curiosity to many of our hudding horticulturists, is to be featured strongly at the April show, and those who are able to compete for the \$250 and \$150 prizes offered, would do well to get busy with their exhibits.

The charts showing the space available for trade exhibits are already well marked with reservations and proposed reservations of exhibitors, and any firms desirous of securing choice of locations should lose no time in communicating with the secretary.

The committee is a little embarrassed just now over the problem of housing the number of large exhibits promised, and it seems quite probable that three floors of the big Grand Central Palace may have to be utilized for the exhibition instead of two as heretofore. JOHN YOUNG, Sec'y.

SEATTLE, WASH.—L. W. McCoy has removed to a more central location at Second avenue and Marion street.

KANSAS CITY, MO.—Stevens & Larkin have dissolved partnership, Stevens running the greenhouse and Larkin the store.

THE EXHIBITIONS.

Madison, N. J., Flower Show.

The twentieth annual flower show of the Morris County, N. J., Gardeners' and Florists' Society was held in Assembly hall, Madison, October 28-29. This society is usually well represented at its shows, both by commercial growers and private estates, and this year was no exception. While a fall show is primarily expected to be a chrysanthemum show, in addition to a very fine display of chrysanthemums, many fine roses, carnations and a variety of other stock was exhibited. There was also a good display of vegetables and fruit.

In the hall, the stage was a mass of many colored chrysanthemums of the hardy and pompon varieties, set off with autumn foliage, palms and crotons, the arrangement being the deft handiwork of Charles H. Totty, the well-known specialist of Madison. As disseminator in this country of the noted Dickson roses and Wells' chrysanthemums, Mr. Totty always has a fruitful field to draw from; neither is he neglectful of the products of our own originators.

In the groups for chrysanthemum plants in flower, arranged with foliage plants for effect, in a space not to exceed 50 square feet, very fine displays were made by R. Tyson, gardener to Mrs. H. McK. Twombly, and W. H. Duckham, gardener to Mrs. D. Willis James. The Tyson exhibit was arranged in the form of a square with a tall croton in the center and crotons of medium height at the four corners. Throughout the exhibit were many of the broader leaved crotons and a multi-colored display of hardy chrysanthemums. The Duckham exhibit was also a fine arrangement, larger chrysanthemums being used. In the center was a large basket, on a standard, filled with a variety of small foliage plants. In the class for one vase of cut flowers with other foliage, both the above named exhibitors, and others, made fine displays.

The prize winning largest chrysanthemum in the show, exhibited by C. W. Harkness, Madison (E. Wild, Gr.), was a yellow named Bob Pulling, introduced last year by C. H. Totty from English stock.

In the class for 24 blooms in 24 distinct varieties, first prize was won by Wm. Duckham. The following varieties were noteworthy: Mary Mason, bronze; F. S. Valles, yellow; Beatrice May, white; Mrs. H. J. Jones, yellow; H. Converse, bronze; Mrs. D. Syme, white; H. Stevens, light bronze; Mrs. R. C. Pulling, yellow; Rosseau, pink; Francis Joliffe, yellow; Lady Hopeton, pink.

In the class for 36 blooms in six varieties, six of each, the following varieties were exceptionally fine; Pres. Viger, pink; Lady Hopeton, pink; Mrs. G. Lloyd Wigg, light yellow; Bob. Pulling, yellow; Mrs. D. Syme, white, and a yellow unnamed seedling.

C. H. Totty exhibited a yellow sport of Mrs. Drabble, Japanese incurved; a very attractive flower, which will be disseminated in 1916. He also exhibited a new pink seedling rose, which will be exhibited and named at the approaching Cleveland show. His new rose, Gorgeous, was still another of his exhibits. The color of this rose is hard to describe. As near as we can get is to call it yellowish pink, with a touch of bronze. Its color is novel.

Numerous prizes were won by Jas. Fraser, gardener to O. H. Kahn, Morristown, N. J. The awards follow:

CHRYSANTHEMUMS.

Thirty-six blooms in six varieties, six of each.—Mrs. D. Willis James, Madison (Wm. H. Duckham, Gr.), 1st.

Eighteen blooms in six varieties, three of each.



CHRYSANTHEMUM TIGER.

A New Yellow Seedling from Chrysolora Introduced by Elmer D. Smith & Co., Adrian, Mich., and Named by President Woodrow Wilson.

—C. W. Harkness, Madison (E. Wild, Gr.), 1st; O. H. Kahn, Morristown (Jas. Fraser, Gr.), 2nd.

Twelve blooms in twelve varieties, in one vase.

—Dr. D. H. McAlpin, Morris Plains, N. J. (J. Downing, Gr.), 1st; O. H. Kahn, 2nd;

Mrs. J. Crosby Brown, Orange (P. Duff, Gr.), 3rd.

Ten blooms, any yellow variety.—Dr. D. H. McAlpin, 1st.

Ten blooms, any white variety.—Dr. D. H. McAlpin, 1st.

Ten blooms, any pink variety.—Dr. D. H. McAlpin, 1st.

Ten blooms, any other color.—Dr. D. H. McAlpin, 1st.

Twenty-four blooms in 24 distinct varieties, stems not to exceed 12 inches long, to be shown in single vases.—Mrs. D. Willis James, 1st.

Pierson U-Bar Co.'s special prizes for 12 blooms in three varieties, four of each in three vases, 24-inch stems.—C. W. Harkness, Madison, 1st; O. H. Kahn, 2nd.

Hitchings & Co.'s prizes for 12 blooms in 12 distinct varieties, shown in single vases, stems not to exceed 12 inches.—O. H. Kahn, 1st;

Dr. D. H. McAlpin, 2nd; Mrs. H. McK. Twombly, Madison (R. Tyson, Gr.), 3rd.

Six blooms in six distinct varieties, stems not to exceed 12 inches, shown in single vases.—

Mrs. J. Crosby Brown, 1st; J. W. Harriman, Bernardsville (W. G. Carter, Gr.), 2nd; Hamilton Farm, Gladstone, 3rd.

Six blooms, six varieties, 1914 introduction, 12-inch stems in single vases.—C. W. Harkness, 1st.

Six blooms, any pink variety.—C. W. Harkness, 1st.

Six blooms, any white variety.—O. H. Kahn, 1st;

J. Gordon Douglas, Morristown (R. Saler, Gr.), 2nd.

Six blooms, any yellow variety.—Kinney Estate, Butler (Geo. Huyler, Gr.), 1st; O. H. Kahn, 2nd.

Six blooms, any crimson variety.—Dr. D. H. McAlpin, 1st; O. H. Kahn, 2nd.

Six blooms, any other color.—O. H. Kahn, 1st; Kinney Estate, 2nd.

One vase of blooms arranged with foliage, for effect.—Mrs. D. Willis James, 1st; Mrs. H. McK. Twombly, 2nd.

Ten vases of pompons, in 10 varieties, six sprays to a vase.—Chas. H. Totty, Madison, 1st.

Ten vases single chrysanthemums in 10 varieties, six sprays to a vase.—Chas. H. Totty, 1st.

Six vases single chrysanthemums, in six varieties, six sprays to a vase.—C. H. Totty, 1st.

Largest bloom.—C. W. Harkness, 1st.

Vaughan's Seed Store prizes, offered for six blooms, William Turner.—O. H. Kahn, silver medal; Dr. D. H. McAlpin, bronze medal.

One vase, five blooms, any variety not previously exhibited.—Chas. H. Totty, silver medal and bronze medal.

COMMERCIAL CLASSES.

Ten blooms, any white.—C. H. Totty, 1st.

Ten blooms, any yellow.—Chas. H. Totty, 1st.

Ten blooms, any pink.—Chas. H. Totty, 1st;

C. A. Work, Madison, 2nd.

Ten blooms, any other color.—C. H. Totty, 1st.

ROSES.

Eighteen American Beauties.—L. A. Noe, Madison, 1st.

Twelve American Beauties.—L. M. Noe Estate, Madison, 1st.

Twenty-five Killarney Brilliant.—L. A. Noe, 1st; L. B. Coddington, Murray Hill, 2nd; Harry O. May, Summit, 3rd.

Twenty-five White Killarney.—L. B. Coddington, 1st; L. A. Noe, 2nd; A. M. Delduea, Berkeley Heights, 3rd.

Twenty-five blooms, any red rose.—C. H. Totty, with Hoosier Beauty, 1st; L. B. Coddington, 2nd; H. O. May, 3rd.

Twenty-five Pink Killarney.—L. B. Coddington, 1st; A. M. Delduea, 2nd; C. H. Totty, 3rd.

Twenty-five any other pink rose.—L. A. Noe, 1st; L. B. Coddington, 2nd; C. H. Totty, 3rd.

Twenty-five any yellow rose.—L. B. Coddington, with Sunburst, 1st; L. M. Noe Estate, 2nd; H. O. May, 3rd.

Twelve White Killarney.—Hamilton Farm, 1st. Twelve any red rose.—Wagner Rose Houses, Chatham, 1st; Hamilton Farm, 2nd.

Any other pink rose than Pink Killarney.—Hamilton Farm, 1st; Chatham Rose Co., 2nd.

Twelve any yellow rose.—Wagner Rose Houses, 1st; Hamilton Farm, 2nd.

Twelve undisseminated variety.—Chas. H. Totty, 1st.

For vase of 25 roses, any variety, American Beauty excepted.—L. B. Coddington, 1st.

For one vase of 36 roses, arranged for effect, greens allowed, American Beauty debarred.—L. B. Coddington, with Ophelia, 1st; L. A. Noe, 2nd.

CARNATIONS.

Twenty-five blooms crimson.—Mrs. D. Willis James, with Princess Dagmar, 1st.

Twenty-five blooms light pink.—C. W. Harkness, 1st; Mrs. D. Willis James, 2nd; Springfield Floral Co., Springfield, N. J., 3rd.

Twenty-five blooms dark pink.—C. W. Harkness, 1st; Springfield Floral Co., 2nd; Harry O. May, 3rd.

Twenty-five blooms, white.—J. Gordon Douglas, 1st; Harry O. May, 2nd; Springfield Floral Co., 3rd.

Twenty-five blooms, red.—Mrs. D. Willis James, 1st; Harry O. May, 2nd; Springfield Floral Co., 3rd.

Twenty-five blooms, variegated.—C. W. Harkness, with Benora, 1st.

Twelve blooms, light pink.—Kinney Estate, 1st; J. B. Dickson, Morristown (Frank Brease, Gr.), 2nd.

Twelve blooms, dark pink.—J. B. Dickson, 1st.

Twelve blooms, white.—Hamilton Farm, 1st; O. H. Kahn, 2nd.

Twelve blooms, yellow.—Hamilton Farm, 1st.

Twelve blooms, var.—J. B. Dickson, 1st.

Three vases blooms in three varieties, 18 blooms each.—C. W. Harkness, 1st; Springfield Floral Co., 2nd; John Heerman's, Princeton, 3rd.

One vase 50 blooms, arranged for effect.—Springfield Flo. Co., 1st; C. W. Harkness, 2nd.

One bunch violets, 100 flowers, single blue.—Mrs. J. Crosby Brown, 1st; Mrs. D. Willis James, 2nd.

GROUPS.

Chrysanthemum plants in bloom, arranged with foliage plants for effect in space not exceeding 50 square feet.—Mrs. H. McK. Twombly, 1st; Dr. D. H. McAlpin, 2nd.

One specimen chrysanthemum plant in bloom, in pot or tub, any color.—Mrs. J. Crosby Brown, 1st; J. W. Harriman, 2nd.

Twelve chrysanthemum plants in bloom in 12 varieties, single stems, pots not to exceed six inches in diameter.—O. H. Kahn, 1st.

One specimen Begonia de Lorraine, pink.—Mrs. H. McK. Twombly, 1st; Mrs. D. W. James, 2nd.

Best plant in pot, flowering or foliage.—Wm. Conlon, Madison, 1st; Anna Conlon, 2nd.

Table of orchid plants in bloom, arranged with ferns for effect.—Mrs. D. W. James 1st.

Lord & Burnham prize for table decoration, for six covers, chrysanthemum flowers only; any foliage or ferns may be used.—Mrs. Ridley Watts, Morristown (Samuel Golding, Gr.), 1st; W. H. Duckham, 2nd; "Wayside" Convent (David Francis, Gr.), 3rd.

A. F. F.

In the Fall.

Now the corn is shocked and standlu' in its dry
an' rustlin' rows,
And all round them an' between 'em the big
yellow punkins glows,
And you hear the click an' clatter of the
mowers to the wheat,
And the golden rod is clinglu' round your knees,
and underfeet,
Blue forget-me-nots are snillu', just as sweet
and just as dear
As they did when you first saw 'em in the
spring-time of the year;
And the world's all gold and glowlu' to the
heart an' soul an' eyes,
An' the whole earth seems a-changlu' to corn-
bread an' punkin pies.
It's the time o' year for dreamin'—to stretch
out beside a stream,
Where the autumn breeze can find you, and to
dream and dream and dream;
To gaze off across the stubble, to gaze off across
the hill,
Till the fadlu' of the daylight wakes the lone-
some whippoorwill,
And to hear the breezes rustlu' to the standin'
shocks of corn,
And to gaze across the valley where the night
is bein' born,
And to hear the creek a-tinklu' of its low-toned
lullabies,
While you're dreamin' of corn fritters and of
home-made punkin pies,
Oh, the world don't get old, never; every
spring is like each one
That you knowed away off yonder, when you'd
awin and laugh and run
With the very joy o' livin', and each autuma
is as gold,
And as plum chockful of dreamin' as the oces
you kooed of old;
And the amber of the autumn seems to color
all the air,
And the girl you used to love so with corn
tassels in her hair
Is as young as what she then was, the same
look is in her eyes,
And her elbows are as dimpled when she rolls
out crust fer pies.
—D. M. Lewis, in Ft. Worth (Tex.) Record.

Los Angeles Flower Show.

The Broadway Flower Show was opened to the public Saturday afternoon, October 23, and during the week of the exhibition, thousands of delighted visitors voted it the most wonderful flower show ever held in this section. It was a revelation to many as there were specimen plants on display that had never before been outside of the conservatories of the very rich or in large public collections, and the quality on the whole of the plants displayed was not surpassed by those seen at the eastern flower shows.

The exhibit staged by the H. E. Huntington estate represented \$100,000 worth of plants from those unrivaled gardens, and no less interesting than the collection of plants was the lecture by the estate's gardener, Wm. Hetrick, who gathered many of the specimens, some from Africa, others from South America, Europe, Asia and the Antipodes. This exhibit occupied 2,000 square feet of space.

The Arthur Letts collection, showing 45 varieties of rare flowering shrubs arranged by A. A. Hunt, gardener, was a feature of the show. Included in these were specimens of the flowering potato from South America and the true trumpet-flowering solandra. The Bauhinia Galpini was also noted.

D. E. Sturtevant, of Hollywood, exhibited his splendid collection of water lilies, one of the most extensive in the United States, the colors ranging from that of wax to a wonderful mingling of pink and blue.

The women of Van Nuys arranged a pergola with thousands of Climbing Killarney roses, and this was only a

part of the contribution from the San Fernando valley to the success of the show. Mrs. Ross Whitley presented the choicest roses in her garden, and it was a collection that staggered even the professional growers in point of magnificence of the specimens.

Howard & Smith, Los Angeles, occupied nearly a fourth of an acre of space, staging an exhibit of everything seasonable in the way of Southern California flowers, and it seemed as if the world of flowers had been levied on for perfect specimens.

The Los Angeles park department, with two exhibits, one greenhouse and the other nursery, made a showing well to the front, and calculated to encourage flower growing among the citizens of the city.

Willard Kennedy, gardener to Dr. H. Jarvis Barlow, offered a showing of plants customarily grown in well-tended gardens, and this display was one of the most attractive in the whole show.

The showings of dahlias arranged by the Angelus Dahlia Gardens Co. and the Eagle Rock Dahlia Farms were both of unusual excellence, and an exclusive chrysanthemum exhibit by Miss Sadie Thomas, an amateur, was professional in class.

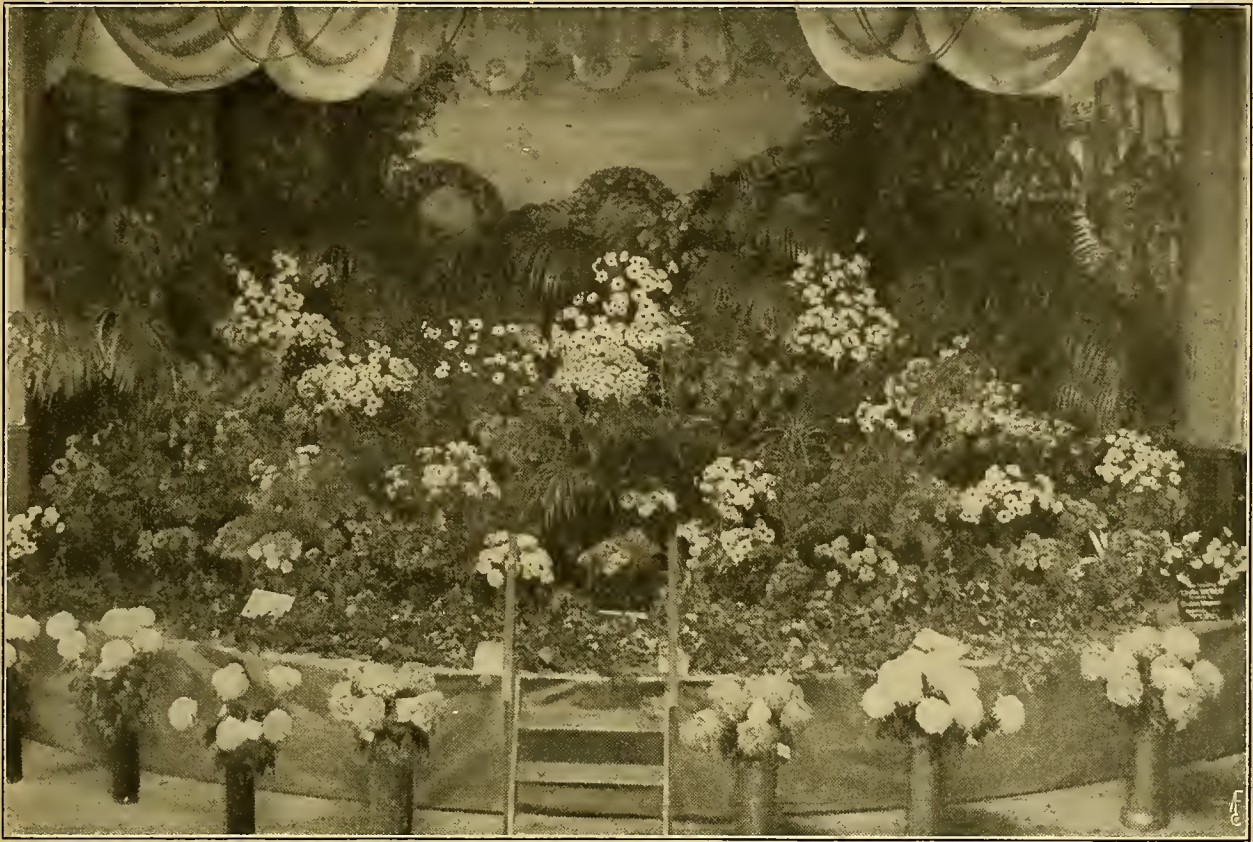
After a careful and painstaking appraisal the judges awarded the following prizes:

A cup was given to the park department of Los Angeles for the best floral and plant display ever made by any municipality in the west. The H. E. Huntington estate received a cup for the most remarkable and valuable collection of tropical and semi-tropical plants ever shown in the United States. The women of Van Nuys were made the recipients of a hand-



MADISON, N. J., SHOW, OCTOBER 23-29.

Group Arranged By R. Tyson, Gardener to Mrs. H. McK. Twombly.



MADISON, N. J., SHOW, OCTOBER 28-29.
Chas. H. Totty's Stage Decoration.

some cup for their magnificent rose display. General prizes, silver cups, were also awarded as follows:

Cut roses—Mrs. R. E. Whitley, Mrs. A. F. Giroux, Mrs. Frank Lewin, Helen Rosenkranz.

Cut chrysanthemums — Geo. C. Bush, Mrs. Theodosia Radovich, E. L. Waxham, Mrs. Freeman G. Teed, Mrs. Chas. O. Nourse, Harry C. Hurd.

Dahlias—R. R. Hays and George C. Bush.

Begonias—Dr. A. D. Houghton and Mrs. Mary Harrold.

Ferns—H. C. Hurd.

Foliage plants—Dr. W. Jarvis Barlow.

H. S. K.

New Trier Horticultural Society.

At a meeting held at Winnetka, Ill., October 12, it was decided to change the name of the Lake Shore Horticultural Society to New Trier Horticultural Society. The following officers were elected: Edward Boulter, president; Wm. Danby, vice-president; Carl Niemann, recording secretary; Hugh Noble, financial secretary; Arthur James, treasurer.

ROCK ISLAND, ILL.—Joseph R. Ruckis, who has been in business at Atlantic City during the past year has returned to this city and will open a flower store on Fourth avenue.

WASHINGTON, D. C.—The fifteenth annual chrysanthemum show of the United States department of agriculture opened here, November 1, with more than 300 varieties on exhibition. Queen Mary and James Wilson, white, the latter named for the former secretary of agriculture, are attracting considerable attention.



Guy W. French.
Manager Chicago Grand Floral Festival.

Chicago Fall Flower Show.

The regular meeting of the executive committee was held at the Hotel Morrison, October 28, the members in attendance including A. Henderson, W. N. Rudd, W. J. Keimel, August Poehlmann, N. J. Wietor, Geo. Asmus, Guy W. French, E. F. Kurowski, N. P. Miller, Payne Jennings, Robert Brenton, H. B. Howard, K. Patterson, James Morton and M. Barker. Reports of the various sub-committees were presented, showing well matured plans

for the big exhibition, to be held at the Coliseum, November 9-14. Widespread interest in the event is evident from the correspondence coming to the officials from all sections of the country, and the distribution of large quantities of posters and posterettes with liberal notices in the newspapers have awakened unusual enthusiasm locally. The competitive exhibits from leading growers will be well worth the attention of the trade in themselves, and it is certain there will be a good array of new plants and flowers in the various sections. Many novel features are promised by the management, including elaborate floral dances and fashions, ancient and modern, in the use of flowers for personal adornment. Some contracts for trade space are still pending, as this notice of the show goes to the press, the list of those closed being as follows, with the value of space taken:

W. W. Barnard Co., Chicago..	\$111.00
Buchbinder Bros., Chicago...	60.00
O. J. Friedman, Chicago....	39.60
Haeger B'k & Tile Co., Dundee	55.80
D. Hill Nursery Co., Dundee.	96.00
Ideal Lighting Co., Chicago..	27.00
Kroeschell Bros. Co., Chicago	25.00
W. H. Kidwell & Son, Chicago	54.00
Frank Oechslein, Chicago.....	43.20
A. N. Pierson, Inc., Cromwell	72.00
Poehlmann Bros. Co., Chicago	43.20
C. C. Pollworth Co., Milwaukee	43.20
Raedlein Basket Co., Chicago.	66.00
Schiller, the Florist, Chicago.	66.00
Vaughan's Seed Store.....	120.00
E. Wienhoeber Fl. Co., Chicago	63.00
Geo. Wittbold Co., Chicago...	54.00

M. BARKER,
Chairman Publicity Committee.

ABERDEEN, S. D.—A conservatory, 20 by 80 feet, of most modern type, is being erected by the Siebrecht Flower Shop.

Indiana State Florists.

Eighty-six members and visitors were guests of Richmond florists at the regular monthly meeting held November 2, the hosts of the occasion including the E. G. Hill Co., Fred H. Lemon Co., Chas. Knopf Floral Co., G. R. Gause & Co., Newman & Thomas, Fuller Bros., John A. Evans Co. and the Advance Co. At the E. G. Hill Co.'s plant, exhibition and commercial chrysanthemums were the main attraction, including varieties such as Timothy Eaton, Yellow Eaton, Nagoya, Chieftain, white and pink; Nakota, Wm. Turner and the Chadwicks. Here a white pompon was christened Mary Ann after the new daughter of Mr. and Mrs. Earl H. Mann. This seedling was greatly admired and will undoubtedly sell when introduced to the trade. The carnations at this establishment were in fine shape.

The Fred H. Lemon Co.'s store was embellished for the occasion, local patrons evidently getting the cream of the exceptionally high class stock brought in from the east end plant, with business brisk. Stock at the Chas. Knopf Floral Co. looked unusually well under the efficient supervision of Wm. Weaver. Carnations and roses are grown here in all the leading standard varieties, Pocahontas, Enchantress Supreme, Beacon and White Wonder being exceptionally fine. The Newman & Thomas rose nurseries and new greenhouse establishment were packing a consignment of Killarney and Ophelia roses.

At the business meeting the by-laws were changed to cover regular, associate and honorary members, and it was arranged to invite the American Carnation Society to Indianapolis for its annual meeting in 1917. E. G. Hill spoke on the west and chrysanthemum culture by Japanese and Chinese growers on the Pacific coast. Indianapolis, Terre Haute, Muncie and Anderson afforded the largest delegations of visitors. The chicken dinner at Pythian hall was greatly enjoyed. The next meeting will be held at Fort Wayne, December 7.

The Advance Co. and John A. Evans Co. machine shops were visited.

O. E. S.

Boston.

OVERSUPPLY OF CHRYSANTHEMUMS.

Business has fallen off considerably during the past week, as the chrysanthemum crop is coming in very heavy; in fact, too heavy for the demand. The prices on chrysanthemums have fallen and many fine flowers have to be sold for as low as \$1 per dozen. Chrysanthemum Major Bonnaffon has made its appearance and is in demand. The bulk of the supply consists of Pacific Supreme, Halliday, Chrysolora, Ivory and Chas. Razor. Roses are more plentiful and consequently cheaper. Carnations also are more abundant and prices show a decline, although the quality of flowers steadily improves. Violets are of a much better quality, but are not selling very well. A few sweet peas are seen, but not in large enough quantities to be a market factor. The trade for Hallowe'en was far from that which was expected, although the market strengthened a trifle for the day.

NOTES.

Some of the best dahlias that have come to Boston during the past season have come from the establishment of E. F. Dwyer & Son of Lynn. In their exhibit at the recent country fair, some very fine flowers were noted. Mr. Dwyer pointed out a few varieties, which he considers to be the best grown, and which may be of benefit to other growers of these flowers. For the peony type—Bertha Von Suitner,

Phenomenal, Queen Wilhelmina. Decorative—Le Grand Manitoro, R. P. Struthers. Show—Estelle Christe, Gen. Miles and Gen. Miles Solid. Cactus—Mrs. C. H. Breck, Richard Box, Sovereignty, Periot and Tenor Alveres. He also has a white and red seedling which is rather a novelty, but a beautiful flower, called Union Jack.

The annual meeting of the stockholders of the Boston Co-operative Flower Market was held at the Boston Tavern October 30. Much interest was shown in the election of the board of directors. On the first ballot it was a tie between John Barr, Perry Green and Carl Strieferd for the eighth and ninth place, each having 39 votes. On the re-vote Perry Green and Carl Strieferd were elected. The treasurer's report showed a balance of \$581.55, with assets of \$2,009.38. The debt with Wm. Elliot for the Park street location has been settled and next year there promises to be a good surplus.

Alexander Potter, of Woburn, had very bad luck with his chrysanthemum crop this year. His stock, which occupied 40,000 feet of glass, was practically spoiled by the so-called "cinch bug." At the beginning of the fall his crop was one of the most promising in sight around Boston.

B. A. McGinty, at the co-operative market, has commenced selling the stock grown by Robt. McGorum, of Natick. He is now receiving good Killarney, Ophelia, Sunburst, Ward and White Killarney roses, as well as very fine flowers of Chrysanthemum Golden Glow.

John Seamans, who ran the Quality

Flower Shop in Pawtucket, R. I., left home and business October 22 and has not been heard of since. His relatives are very anxious to learn of his whereabouts and any information would be greatly appreciated by them.

R. P. Peterson, of Saxonville, is shipping in some of the finest snapdragons coming to Boston. He has a nice lot of his white seedling and Nelrose. He also has high quality carnations, and his crop of myosotis is looking extra well for this time of year.

Hannon & Son, of Dorchester, are cutting a fine lot of Liliun longiflorum as well as a heavy crop of Halliday, Bonnaffon and Early Snow chrysanthemums.

J. A. Nelson is at the Framingham hospital, suffering with a painful attack of "shingles." His son, John, is in charge of his place during his absence.

Samuel Quint has returned from a vacation trip to Michigan and Ohio, and is now with his brother Harry at the Boylston street store.

Malcomb Orr of Saugus is cutting very fine Christmas Pink and Earliest White sweet peas.

The bowling league met Thursday evening, October 28. The standing for this week is as follows:

	Won	Lost
Galvin	14	2
Flower Market	12	4
Zinn	9	7
Pansies	8	8
Carbone	8	8
Flower Ex.	5	11
McA. & McD.	4	12
Robinson	4	12

F. L. W.



MADISON, N. J., SHOW, OCTOBER 28-29.

Group Arranged By W. H. Duckham, Gardener to Mrs. D. Willis James.



BANQUET NEW YORK WHOLESALE FLORISTS' PROTECTIVE ASSOCIATION, HOTEL BRESLIN, OCTOBER 28.

N. Y. Wholesale Florists' Protective Ass'n.

The annual banquet of the above association was held at the Hotel Breslin, New York, Thursday, October 28, and was a great success. To the committee in charge, A. H. Langjahr, P. J. Smith and Wm. P. Ford, great credit is due for the able manner in which all details were arranged. The banquet room was very tastefully decorated with autumn leaves and yellow chrysanthemums, and on the large table was a centerpiece of Hoosier Beauty roses. Each member wore a gardenia boutonniere. A fine musical programme added to the enjoyment of the repast. Coffee and cigars being served, P. J. Smith introduced Walter F. Sheridan as master of ceremonies, who ably officiated, as might be expected of him. He first called upon Frank H. Traendly, president of the association, and to the great surprise of that gentleman, proceeded to pass sentence upon him for all the good he had done for the association during the eight years he had been at its head. After compelling his attention until everything in the way of nice things had been said of him, he presented him, on behalf of the association, with a beautiful gold clock and candelabra to match, as a token of the appreciation in which he was held by his fellow-members, and of his faithful service as their presiding officer.

Mr. Traendly, who for once in his life was taken completely unawares, upon recovering his composure, first assured himself that the clock was running on good time and was in good working order, then feelingly expressed his thanks, and those of Mrs. Traendly, for the testimonial, promising to use his best endeavors to still further advance the interests of the association, and to continue its efficiency. Each member present added a few words of appreciation to those of the toastmaster, and, it might be said, increased the discomfiture of the gentleman under sentence.



H. P. Knobler.

General Chairman Cleveland Show Committees.

After these proceedings, a special meeting of the association was held, at which business coming properly before the association was disposed of. Much enthusiasm over the work of the organization was evinced, and many suggestions were made looking to a further extension of its work. The impression prevailed that there could be no better organized body of business men today than that found in the New York Wholesale Florists' Protective Association, whose only aim is to improve, if possible, the wholesale market conditions in that city, and to advance and protect the interests of its members in every way.

The secretary-manager, Ward W. Smith, was also warmly commended for his able manner in which he had fulfilled the duties of his office. At the close, announcement was made that Mr. Traendly had that day been appointed a member of the Society of American Florists' committee on national credits and collections' bureau.

Cleveland Flower Show.

One of the latest features secured for the Cleveland flower show, which will be held at the Coliseum, November 10-14, is an exhibit from the National Botanical Garden, Washington, D. C., Superintendent Hess having promised to send several of the most interesting plants in this collection and expects to attend the show in person. When it is considered that the 65,000 square feet of space in the Coliseum will be filled with a representative display of floriculture, all that pertains to the trade, the magnitude of the exhibition is apparent, and with only two small spaces unreserved 10 days before the show, the management is much pleased with the interest shown in the event. Among the recent trade exhibitors to enter is Hubert V. Pearce, Detroit, Mich., steam heating engineer. There will be about 60 displays of appliances of interest to the trade, aside from the exhibits of commercial and private growers, nurserymen, etc.

As announced in last week's issue of THE AMERICAN FLORIST, a new chrysanthemum, grown by Elmer D. Smith & Co., Adrian, Mich., and christened by President Woodrow Wilson, will be exhibited at the show as a special feature. Specimens of this new variety, forwarded to the president, have been highly complimented by him and named Tiger.

The official opening of the show will take place Wednesday, November 10, at 1 p. m. Registration of exhibitors and out-of-town attendance will commence at the Coliseum at 8 a. m.

Registration will be necessary to receive the show badge, which will admit to the show after the formal opening.

Thursday, November 11, the Florists' Telegraph Delivery will hold its meeting at the Hollenden hotel at 9 a. m., followed by the annual meeting of the Chrysanthemum Society of America at the same location at 10:30 a. m.

The ladies' bowling tournament will be held at the Erie bowling alleys, Chestnut avenue and East Ninth street, commencing at 10 a. m., Thursday. The general tournament for five men teams will start on the same alleys one hour later, followed by the roll-off of the five high individuals, and the high man on each individual team in competition for the H. P. Knoble prize, a life membership in the S. A. F. Other prizes offered for both team and individual scores are generous in number and value and include cash and silver trophies.

Included in the programme for Friday are the meetings of the American Rose Society at 10 a. m., the adjourned meeting and election of officers of the Ohio Gladiolus Society at 11 a. m., and a meeting of the executive committee of the American Carnation Society at 2 p. m. All of the above meetings will be held in the rooms of the Cleveland Florists' Club in the Hollenden hotel. Exhibitors and visitors will be entertained at a banquet Friday evening at 8 o'clock at the Hollenden hotel and a smoker at the Statler hotel, Saturday evening, will be given, at which the florists' club will act as host.

Assisting General Chairman H. P. Knoble and Executive Secretary M. A. Vinson in the management of the show are the following committees:

Publicity—George Bate, chairman; H. B. Jones, F. Ritzenthaler, T. J. Kirchner, Chas. L. Gibson.

Trade displays—H. P. Merrick, chairman; R. F. Koch, Victor H. Morgan, E. B. George, Painesville, O.

Exhibition and hall—Frank A. Friedley, chairman; Herbert Bate, L. Utzinger, Carl Hagenburger, Mentor, O.

Entertainment—G. W. Smith, chairman; C. J. Graham, S. N. Pentecost, F. C. Witthuhn, Robert Weeks.

Decorations—F. C. W. Brown, chairman; G. B. Shearer, Walter Priest, C. A. Meyers, T. J. Kirschner.

Premiums—Herbert Bate, chairman; Frank A. Friedley, J. Curnow, Akron. Non-commercial displays—Robt. Weeks, chairman; Geo. Jacques, J. Curnow.

Retail displays—C. E. Russell, chairman; Frank Ritzenthaler, C. M. Wagner.

Admissions—Timothy Smith, chairman; A. B. Barber, Charles F. Bastian, W. A. Bramley, W. A. Calhoun, F. W. Griffin, Albert Lingruen, F. R. Williams.

Pittsburgh.

WARM WEATHER BRINGS BIG SUPPLY.

Indian summer is in full evidence and the return of warmer weather has effected a marked change in the daily receipts. The warm sunshine has brought out large cuts of roses and chrysanthemums, although carnations are still scarce. The heavy supply of chrysanthemums has affected the sales on dahlias, of which a fair amount are still left. The coming Saturday will be a hummer for chrysanthemums, mainly yellow, the event being the annual football battle between the W. & J. and Pittsburgh teams, the feature local event of the fall. Many of the retailers are beginning to prepare artificial holiday pieces, taking advantage of an early start while business is not rushing. The newer roses look well and find good sales, but they cannot possibly equal the popular demand of the old Killarney.

NOTES.

The Ludwig Floral Company reports a good business in fall decorating and artificial work, finding good sales in small baskets made up of artificial dahlias, roses, etc.

John Sisley, of the firm of Spragg & Sisley, Washington, Pa., has sold out his interest to Mr. Spragg, who will hereafter conduct the business himself.

Randolph & McClements are cutting heavily on the fancy varieties of chrysanthemums, most of which they wholesale through The McCallum Company.

Barnett's Flower Shop is the new firm doing a retail business on Second avenue, Hazelwood, formerly operating a store in Sharon, Pa.

Visitors: A. Miller, of A. Henderson & Co., Chicago; Milton Alexander, of Lion & Co., New York.

G. M.

Minneapolis.

Stock of the very best quality is arriving on the market in quantities sufficient to meet all demands. Carnations are selling at from two to four cents and chrysanthemums are quoted at prices varying from \$1 to \$3 per dozen.

NOTES.

W. D. Desmond and his force have been very busy with decorations. The church and home for the Murphy wedding, as well as the decorations at the Minneapolis Athletic club, were handled with his usual good taste.

Geo. Valker has been very busy at his home in Minot, N. D., entertaining his trade friends who were there registering for the Berthold reservation land distribution.

The Minnesota State Horticultural Society will hold its meeting and exhibition at the West hotel, commencing December 7. An elaborate display is anticipated.

Louis Dancik, proprietor of the Northwestern Wire Works, has added an automobile to his delivery service to take care of the rapidly increasing business.

C. F. Rice and O. H. Carlson have returned from a hunting trip with a nice bag of ducks and chickens.

Max Kaiser has an addition to his family, a boy, and the trade are extending congratulations.

T. C. Rogers is no longer in the employ of O. Amundson. T. C. R.

Newport, R. I.

The Lord & Burnham Co., New York, has just completed on the Widener property what is said to be the best equipped bedding plant house in Newport, R. I. The house is a span-roof, 24x82 feet. The roof curves over the side benches, affording best light. There are four rows of ventilators, two on top and one on each side. The house is divided in the center by a glass partition. The heating system is hot water carried in 18 lines of four-inch pipe, controlled by valves that regulate the heat to a minimum. It has three walks and four benches. The benches are built of cypress with iron supports. The house was selected by the gardener, William Allan, as being best suited for its requirements, which includes the growing of over 50,000 bedding plants, 35,000 of which will be used in planting out a sunken garden of a French design. This greenhouse is augmented by rows of frames built to the sides of the house and heated by one line of two-inch pipes, which are attached to the front and back of the frame.

J. J. B.

BUFFALO, N. Y.—Galley Bros., who conduct a range at Gardenville, N. Y., will open a retail establishment in this city at 161 East Genesee street.

Detroit.

MARKET IS OVERCROWDED.

The past two weeks of bright weather has made a wonderful reversal of recent supply and demand conditions. The great scarcity of fall flowers, so general up to the present week, has given way to a corresponding oversupply that at times threatens to be a glut. Chrysanthemums are coming into the market in great quantities and buyers are becoming more critical and only the choicest command the prices obtained for the first of the season. Roses are finer, more plentiful and much easier in price, and the carnation stock is daily becoming larger and a depressing factor in the general supply. Easter lilies too are more plentiful and only the best bring fair prices.

NOTES.

The club meeting, Tuesday evening, October 26, brought out an unusually large attendance, due chiefly to the announcement that the project of a proposed big flower show in November, 1916, would be thoroughly discussed and if possible decided upon. The sentiment of the members plainly favored the enterprise, but it was deemed better to await the result of the Cleveland show before undertaking it here. A big delegation to the "Forest City" was promised and the report of these at the club meeting, November 23, will be followed by definite action, which it is hoped will decide in favor of a big show here, carried out on similar lines to that of Cleveland. The consideration of a plan of credits for customers of retailers was given much time and a list of slow payers and undesirables will be exchanged between the florists wishing to benefit by the precautionary measure. Elmer D. Smith, Adrian, Mich., sent to the meeting splendid blooms of new seedling chrysanthemums, one, a new shade of orange, another a yellow seedling of Chrysolora, and a white, named October Queen, all for 1916 dissemination. All the growers present pronounced the varieties decided acquisitions and the club's official endorsement was given them and the grower notified accordingly. The variety October Queen is a large incurred variety, pure white without the faintest suspicion of yellow, a point in its favor, highly prized by the retailers. The foliage of this variety indicated the free growth attributed to it by the grower.

The Flower Shop, 37 East Grand River avenue, has opened a branch store at 1962 Joseph Campau avenue. Herman P. Klegge has charge of it, while his uncle and partner, Herman D. Klegge, looks after the East Grand River avenue shop. They report the new enterprise doing well.

Detroit Florists' Club bowling games played at the semi-monthly tournament, October 26, resulted in the following scores:

J. K. Stock	144	203	153
Norman Sullivan	111	143	158
E. A. Fetters	158	159	131
Thos. Browne	133	174	136
Robt. Rahaley	134	168	160
Ernest Sullivan	159	134	134
J. P. McHugh	150	167	155
Henry Rahaley	85	106	96
M. Bloy	171	149	130
H. Forster	129	114	107
John Klang	107	122	75
Sidney Beard	51	54	77
J. P. Sullivan	100	131	144
J. J. DeCarteret	117	132	137
W. Shenk	112	137	149
A. Shields	93	62	71
Robt. Jean	64	113	105
M. Constantine	128	99	...
Wm. Hielscher	84	132	101
A. Pochelon	...	...	95
John Roland	...	...	100
A. E. Bezermer	94	124	108
A. P. Longren	113	130	123
E. Moss	105	118	118
D. Kent	101	114	117
Frank Dalsky	166	112	114
Harry Taylor	156	135	138
George Hampton	92	128	164

J. F. S.

OBITUARY.

Harry H. Allen.

Harry H. Allen, son of Charles H. and Mrs. Allen of Floral Park, N. Y., died October 30 of septic pneumonia, after a week's illness. His father is a well known florist and his uncle, W. S. Allen, has long been identified with the wholesale trade of New York. He was a grandson of the late C. F. Allen. He had been employed by the R. & G. Corset Company.

A. F. F.

Mrs. Katherine Dorval.

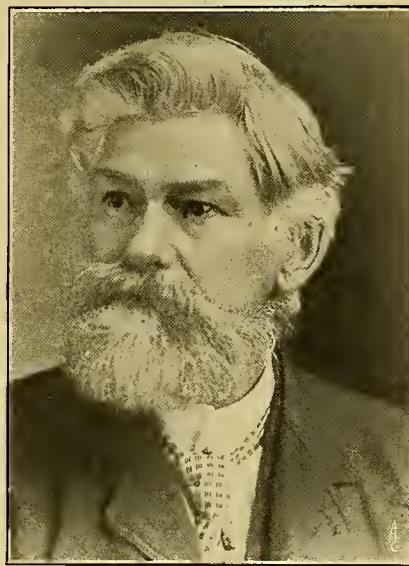
Mrs. Katherine Dorval, mother of Victor and Edward Dorval, who comprise the firm of Victor Dorval's Sons, Woodside, Long Island, N. Y., died at her home there, October 26, in her seventy-seventh year. She was the widow of the late Victor Dorval and they were pioneer florists of Woodside, which is now a part of the city of New York. Her husband died about eight years ago. They were married and settled in Woodside over 40 years ago, and by industry and thrift accumulated property and built up a good business. All their children were born in the present homestead. Until four days before her death, Mrs. Dorval had retained her health and faculties to a marked degree and took an active interest in the affairs of life. In addition to the two sons, Victor and Edward, one daughter, Mary, survives her. She was a member of St. Sebastian's Roman Catholic church of Woodside, where her funeral was held at 10 a. m., October 29.

A. F. F.

Frederick W. Timme.

Frederick W. Timme, the well known Chicago florist, died at the German-American hospital, that city, October 27, after a protracted illness. Mr. Timme was born in Magdeburg, Germany, January 14, 1843, and came to the United States in 1857. He enlisted in the Civil war as a sailor in the Mississippi squadron, serving on board Admiral Lee's Flagship Black Hawk, 1863-64. The vessel was destroyed during the siege of Natchez, Mr. Timme receiving injuries which confined him to the hospital for eight months, and were the indirect cause of his many years of suffering and death. After receiving his honorable discharge from the navy he spent five years in and around La Salle, landscaping, and laying out many places, among them that of Mathewson, the zinc magnate. He came to Chicago in 1870 and entered the employ of Allan Pinkerton, the detective, as private gardener, where he met and married Isabelle Johnstone, of Crystal Lake. Leaving the employ of Pinkerton he entered that of Capt. Parker, of Oconomowoc, Wis., laying out his large summer home on the shore of Oconomowoc lake. He also laid out large places in Lakeside and Oak Park. He was one of the men who helped in the making of Lincoln park from an old cemetery. He then entered the employ of Potter Palmer as private gardener, starting with the conservatories on the roof of the Palmer house, moving from there to Forty-seventh street and Grand boulevard, where he grew the first carnations ever grown in Chicago, the stock being imported from France through the late Peter Henderson. The Palmer conservatories were then moved to their present location on Lake Shore Drive. Mr. Timme remained with Potter Palmer some 16 years, enjoying his highest regard and complete confidence. He then bought the property and started in business as a florist at 4016 North Tripp avenue, Irving Park, where he

resided and carried on his business for the past 30 years. After starting on his own account he raised a number of new carnations which were mostly distributed by others in the trade. In 1892 he disseminated Lucia, a very profitable scarlet, taking many prizes with it and other varieties at the flower shows. Later he made a specialty of asters and novelties for the Chicago market. During the last few years he devoted his entire time to pot plants. In 1906 he made his first visit to his old home in Germany after an absence of 49 years. He enjoyed the trip so much that he went again the following year, taking his wife and daughter with him. This time he made a more extensive tour, visiting England and other countries, also important horticultural centers in the eastern section of the United States. For many years he was a regular contributor to THE AMERICAN FLORIST, his clear and interesting writings covering a great variety of topics. In 1908



The Late Frederick W. Timme.

he suffered a severe stroke of paralysis, followed by a slight one eight months later. He recovered sufficiently to enable him to attend to his business and enjoy life until about the latter part of August last when complications set in, causing an entire breakdown, resulting in his death. The funeral services were held October 30 with burial at Crystal Lake. He leaves a widow, one son, Wm. F. of Chicago, a daughter, Mrs. Harry Blewitt of Des Plaines, and one grandson.

FAR AND NEAR.

WASHINGTON, D. C.—Mrs. Martha Ann Perry, mother of J. J. Perry, manager of the Baltimore branch of the S. S. Pennock-Meehan Co., Philadelphia, Pa., died at the residence of her daughter in this city, October 13, at the age of 82 years.

LANSING, MICH.—Mrs. Francis King, president of the Women's National Agricultural and Horticultural Association, was a speaker at the meeting of the state federation of women's clubs, held in this city October 22.

BEACON, N. Y.—Hammond's Paint & Slug Shot Works of this city have been awarded a gold medal for a working exhibit of insecticides at the Panama-Pacific exposition.

NEW HAVEN, CONN.—Alfred T. Osterman, for many years located at 123 Church street, has disposed of his florist business to M. B. Farquharson, for several years past connected with the New Haven Nursery Co.

ATCHISON, KAN.—The Atchison Flower & Seed Store has made application for incorporation with a capital of \$10,000. The principal stockholders mentioned in the application are Carl and Ernest Mangelsdorf.

BRAMPTON, ONT.—The Dale estate reports business much better compared with the corresponding period last year. Numerous orders for orchids are being received from the trade in the United States.

PITTSBURGH, PA.—John Carman, for several years gardener for Giraud Foster, Lenox, Mass., has been appointed superintendent of the Col. Schoonmaker estate, Sewickley Heights, this city.

ASHEVILLE, N. C.—A. C. Whitney is in charge at the Idlewild Floral Co.'s establishment, while David Lashley is recovering from recent injuries sustained when a brick column fell on him.

SEATTLE, WASH.—Rosaia Bros. have rebuilt and remodeled their establishment at 1001 Third street at an expense of \$15,000, the interior representing an Italian garden.

ASHLAND, WIS.—F. C. Smith, who has been in the florist business here for 30 years, is making improvements at his establishment, involving an expenditure of \$4,000.

SAN FRANCISCO, CALIF.—B. Tisch, who had been connected with the trade in this city for 30 years, and lately with the H. M. Sanborn Co., at Oakland, died recently.

GALESBURG, ILL.—A. A. Buesch, previously in charge of the Big Store flower department, has returned to this city and has resumed his former position.

GALT, ONT.—Fred Wells, who has been engaged in the florist business in this city for a number of years, has opened a retail store on North Water street.

STERLING, ILL.—The newly built and remodeled Eric greenhouses conducted by Clarence Peckham are completed and heating plants are being installed.

MT. STERLING, KY.—David Harris has sold the Mt. Sterling Greenhouses and removed to Jackson, Tenn., where he will engage in the florist business.

NORFOLK, VA.—W. L. Howlett had a wonderful display of dahlias here, comprising some 200 distinct varieties, the show opening October 25.

CROSSETT, ARK.—A public park, 325 by 500 feet, is being planned by F. W. Gibb, architect, the expense to be borne by the Crossett Lumber Co.

NEWPORT, R. I.—Wm. H. Mayer, who conducted a flower shop on Coggeshall avenue for a number of years, died October 12, after a long illness.

MARYVILLE, Mo.—Work was begun October 14 on a new greenhouse to be erected at the normal school. The cost will be \$2,500.

MEMPHIS, TENN.—The Idlewild Greenhouses have recently enlarged and remodeled their flower shop on Main street.

DIXON, ILL.—The Northern Illinois Horticultural Society will hold its annual meeting in this city, December 8-9.

SIoux FALLS, S. D.—The Minnehaha Floral Co. has opened a retail store at 314 South Phillips avenue.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time. Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST, 440 S. Dearborn St., CHICAGO

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FLORISTS with low land may find it advantageous to grow a few pussy willows.

FERTILIZERS containing high percentage of ammonia have been advanced 10 per cent.

COLD weather is coming quick and all heavy shipments of tender plants should be made without delay.

THE very free use of gladiolus flowers this season seems sure to mean more general planting next spring. A big crop of bulbs sold out will mean revenue to the grower even if sold at low prices.

Gasoline.

Chicago basis for gasoline is now 11 1/2 cents, tank wagon, with one cent discount for 100-gallon lots, or over. Kerosene basis is about 6 1/2 cents.

American Rose Society.

The exhibition of roses at the Coliseum in Cleveland, November 10-14, has apparently increased so as to make the approaching show one of very considerable size. There are two special prizes offered, one by the Cleveland Cut Flower Company for \$25 in class S6, and the other by the Storrs & Harrison Co., Painesville, O., for \$25 in class S7. The American Rose Society will hold a meeting, Thursday, November 11. The exhibition starts Wednesday, November 10.

BENJAMIN HAMMOND, Sec'y.

United States Export Inquiry.

The federal trade commission announces that it will soon send out 30,000 letters of inquiry, followed up by brief schedule, as a part of the investigation of conditions that affect American foreign trade. Congress has empowered the commission to make an investigation of these conditions and to report the facts with such recommendations as it deems advisable. By public hearings throughout the country and by other means the commission has been gathering facts and information as a basis for its report to congress. It now wishes to obtain information from a large number of men who were unable to appear at the hearings. For this purpose these letters and schedules will be sent out. For further details of the investigation address Chairman Joseph E. Davies, Federal Trade Commissioner, Washington, D. C.

Society of American Florists.

SAN FRANCISCO CONVENTION AWARDS.

At a meeting of the national flower show committee, held in Philadelphia, Pa., Wednesday, October 20, the following medals and certificates were awarded upon the report of the judges of the trade exhibition at the San Francisco convention, August 17-19, 1915:

Advance Co., Richmond, Ind.—Certificate of merit for ventilating apparatus and greenhouse accessories.

John A. Evans Co., Richmond, Ind.—Bronze medal for new detachable pipe hangers.

H. Bayersdorfer & Co., Philadelphia, Pa.—Certificate of merit for new and novel florists' baskets and supplies. Bronze medal for novel ideas in baskets.

M. Rice Co., Philadelphia, Pa.—Honorable mention for display of florists' accessories and novelties.

S. S. Pennock-Meehan Co., Philadelphia, Pa.—Certificate of merit for novel ribbons and baskets.

A. L. Randall Co., Chicago—Highly commended for florists' supplies.

Domoto Bros., San Francisco, Calif.—Bronze medal for new double hydrangeas.

Richard Diener, Colma, Calif.—Cultural certificate for gladioli.

The Ferneries, San Francisco, Calif.—Certificate of merit for collection of ferns and palms.

Henry J. Kessel, San Francisco, Calif.—Honorable mention for Fern Californica.

Superior Nursery Co., Los Angeles, Calif.—Certificate of merit for ferns.

Swiss Floral Co., Portland, Ore.—Honorable mention for petunias.

Herbert & Fleishauer, McMinnville, Ore.—Cultural certificate for asters.

Mrs. F. J. Reidy, San Jose, Calif.—Cultural certificate for dahlias.

J. A. Peterson & Son, Cincinnati, O.—Requested to show Begonia Mrs. J. A. Peterson again, at national flower show, Philadelphia, 1916.

JOHN YOUNG, Sec'y.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that many have been altered since the last advices.]

November 4-7, New York—Annual fall show, Horticultural Society of New York, American Museum of Natural History, George V. Nash, secretary, N. Y. Botanical Garden, Bronx Park, New York.

November 5-6, Stamford, Conn.—Annual exhibition, Westchester & Fairfield Horticultural Society, J. B. McArdle, Greenwich, Conn., secretary; Henry Wild, Riverside, Conn., exhibition manager.

November 9-12, Philadelphia, Pa.—Chrysanthemum show, Pennsylvania Horticultural Society, Horticultural hall, Broad street, below Locust. David Rust, secretary.

November 9-14, Chicago.—Chicago Grand Floral Festival, Horticultural Society and the Chicago Florists' Club, Coliseum. N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

November 10-14, Cleveland, O.—Annual exhibition, Chrysanthemum Society of America and the Cleveland Flower Show, Coliseum. Frank A. Friedley, secretary. Exhibition Committee, 336 Leader Building, Cleveland.

November 11-12, Providence, R. I.—Fall exhibition, Rhode Island Horticultural Society, Ball room, Narragansett hotel, Ernest K. Thomas, secretary, Box 189, Kingston, R. I.

November 10-14, Cleveland, O.—Fall exhibition and meeting, American Rose Society in connection with the Cleveland Flower Show, Coliseum. W. G. Bate, chairman fall exhibition committee, Newton Falls, O.

November 15-20, Baltimore, Md.—Maryland Week exhibition, Maryland State Horticultural Society, Fifth Regiment Armory, Thomas B. Symons, secretary, College Park, Md.

November 17-20, Houston, Tex.—Texas state flower show, Texas State Florists' Association and Houston Florists' Club. R. C. Kerr, general chairman, Houston.

January —, 1916, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, Thirtieth and Rockwood avenue, Indianapolis, Ind.

March 25-April 2, Philadelphia, Pa.—Fourth National Flower Show under the auspices of the Society of American Florists, Convention hall, Broad street and Allegheny avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

April 5-12, 1916, New York.—International Flower Show, Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cincinnati, O., November 8, 8 p. m.—Cincinnati Florists' Society, Hotel Gibson, Alex. Ostendorf, secretary, 24 East Third street, Cincinnati.

New York, November 8, 7:30 p. m.—New York Florists' Club, Grand Opera house building, Twenty-third street and Eighth avenue, John Young, secretary, 53 West Twenty-eighth street, New York.

Rochester, N. Y., November 8, 8 p. m.—Rochester Florists' Association, 95 East Main street. H. B. Stringer, secretary, 47 Stone street, Rochester.

Newport, R. I., November 9, 8 p. m.—Newport Horticultural Society, Music hall, Thames street. William Gray, secretary, Bellevue avenue, Newport.

Chicago, November 10, 8:15 p. m.—Gardeners' and Florists' Union No. 10615, 232 North Clark street. Louis Heidtman, secretary, 3641 North Albany avenue, Chicago.

Lenox, Mass., November 10, 7:30 p. m.—Lenox Horticultural Society, Town Hall, J. Carman, secretary, Lenox.

Madison, N. J., November 10, 8 p. m.—Morris County Gardeners and Florists' Society, Edward Reagan, secretary, Morristown, N. J.

Davenport, Ia., November 11, 7:30 p. m.—Tri-City Florists' Club. House of members, Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., November 11, 8 p. m.—New London Horticultural Society. Municipal building, John M. Humphrey, secretary, Municipal building, New London.

St. Louis, Mo., November 11, 2 p. m.—St. Louis Florists' Club, Odd Fellows' hall No. 2, J. J. Beneke, secretary, 1216 Olive street, St. Louis.

Hartford, Conn., November 12, 8 p. m.—Connecticut Horticultural Society, County building, Trumbull street, Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As assistant on a private place; inside: good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Frenchman, sober and reliable wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORION, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—Experienced saleslady for a north side Chicago retail store. Must speak German and be able to handle high class trade. Key 572, care American Florist.

Help Wanted—Experienced florists wanted for cut flower departments; no plantsmen need apply. BLOOMINGDALE BROS., 59th Street and 3rd Ave., New York City.

Help Wanted—A sober, thoroughly capable florist and landscape gardener, permanent position. Board, lodging and laundry furnished. With recent references and salary expected. Address DR. CLARENCE PIERSON, Supt., Jackson, La.

For Sale—Five to nine acres of land cheap. Rare opportunity for florist. Address Box 51, San Antonio, Fla.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist greenhouse business; good seven room house; ¼ acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—My retail florist business, located in the heart of Brooklyn, New York. It is a fine neighborhood and for fourteen years I have had a prosperous business. My reasons for selling are, that I have other interests that demand my attention. I have a new auto delivery car that the buyer of the business can secure at a reasonable price. For terms address, JOHN STOKES, 413 Gates Avenue, Brooklyn, New York.

For Sale or Rent—On account of death of my husband, have four greenhouses in fine condition. Established 28 years on the same place, opposite St. Paul Railroad Passenger station. Write MRS. J. VALOM, 838 31st St., Milwaukee, Wis.

Help Wanted:

Greenhouse vegetable grower. High class man familiar with in and outside market gardening. Young married man preferred. A good proposition for the right man. New modern plant. Give references. Address Key 576, care American Florist.

For Sale

Whole or part interest in established nursery, within easy hauling distance of Chicago's finest suburb. Ample acreage, up-to-date buildings, large variety of developed immediate effect stock. Exceptional opportunity for one with moderate capital. Address Key 578, care American Florist.

**TO GROWERS:
Hickory Wood Ashes**

FOR SALE. Apply at once to **CASTLE CAVE,** 271-73 Seventh Ave., New York City

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

Exceptional Opportunity,

for a good grower to go in **Business for himself.**

Realizing that a number of successful growers are unable to go in business for themselves for want of capital, we are prepared to furnish the land, and erect the houses on a part payment basis.

Garland Manufacturing Company

Designers and Manufacturers of **GREENHOUSES COMPLETE.**

Foundry, Machine Shop and Wood Mill **DES PLAINES, ILLINOIS,** (Suburb of Chicago).

We offer the above. What have you got?

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

**United States and Canada
Latest Edition Issued July, 1915.**

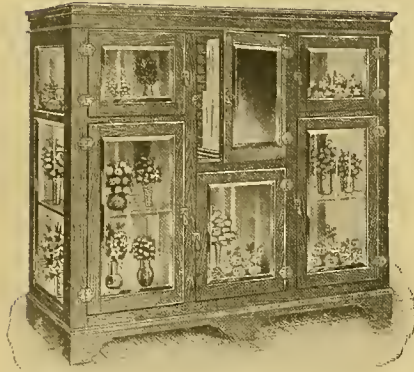
Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.



VISIT OUR EXHIBIT

AT THE GRAND FLORAL FESTIVAL

To be held in the Coliseum, Chicago, November 9-14, 1915

Our display will be located on the north end of the building and we want you to inspect the Buchbinder Florists' Refrigerator that we will have on display. We make all styles of Refrigerators for Florists in all the desirable sizes, and the one that you will see at the Flower Show will give you an idea of the kind we really manufacture. Be sure and look us up, we will be glad to see you.

BUCHBINDER BROS.

518 Milwaukee Ave., Chicago, Ill.

Nashville, Tenn

SOCIAL SEASON OPENS; DEMAND GOOD.

The fine fall weather and the full launching of the social season has caused increased activity in floral circles and trade might be said to be on a boom in consequence. Nor has the funeral work had a let up, the funerals of several prominent citizens calling for innumerable flowers. One death which occurred in New York was that of Justin Thatcher, noted for his beautiful singing and for many years choir leader in the Tulip Street Methodist church in this city. Another was that of Mrs. T. B. Dallas, whose father-in-law was vice-president under James K. Polk, and another was that of Mrs. Wm. L. Nichol, a noted social leader. Weddings of prominence are many and the regulation bridal bouquet seems to be orchids and lilies of the valley. The orchids seem to be abundant just at present, especially *Cattleya Triana*, of the fine large variety, and have come in very conveniently for the numerous bridal occasions. Lily of the valley, too, is plentiful and used for many occasions.

The debutante parties are to come in abundance later, and there are many which will help the florist trade. The stock now coming in was never more beautiful. Each grower seems to be vying with the others in the abundance and excellence of the product from the greenhouses. The chrysanthemums are magnificent, of every variety and color, and with their gorgeous beauty brighten every occasion. The American Beauty roses now on sale are handsome large flowers with stems long, longer, longest, or any length desired. All other roses are finely developed, and the buyer can have any color one may desire. Carnations have flowered well and are large and fine. Violets have just made their appearance in the market and are being much sought after.

NOTES.

Geny Bros. are exhibiting flowers that are unsurpassed and are enjoying a fine trade. They have plenty of beautiful lilies, carnations, all varieties of roses and chrysanthemums of all kinds. They, too, rebuilt and added to their plant and placed several leantos which will be very serviceable. They are cutting fine violets and lily of the valley.

L. H. Haury & Sons will change their location the first of the year.

They have been occupying the store in the corner of the Tulane hotel, but will go further down town as they think it will be better for their business. They have fine flowers and a good trade which they will take with them to their new location.

The Joy Floral Company is bringing in a superb lot of flowers and are producing unusually fine orchids, American Beauties, carnations and chrysanthemums. During the past summer they rebuilt eight of their houses, thus securing more and better growing space. M. C. D.

Oklahoma City.

SOCIAL EVENTS STIMULATE DEMAND.

Business has been exceptionally good this week. Not only has there been an increased demand for flowers for social events, but the call for funeral flowers has also been very heavy. The sudden death of one of the associate judges of the supreme court brought with it a lot of work for the florists. Special Saturday sales are being featured and they are proving a good thing; this week Furrow & Co. are running on carnations at special prices while the Stiles Co. are featuring violets. Both firms are cutting chrysanthemums of excellent quality and they are selling well. The weather this season has been very favorable for this crop.

NOTES.

John Furrow returned, October 26, from a very successful duck hunt. As a sequel the entire staff of employees had a very enjoyable dinner of roast duck and the usual accompaniments, at one of the leading cafes that evening, with Furrow & Co. as hosts.

The inter-state foot-ball game between Kansas and Oklahoma which was played October 30, created quite a demand for white chrysanthemums tied with red ribbons, white and red being the university colors.

Geo. W. Stiles gave a talk on "Planting Bulbs for Spring Flowering," at the annual meeting of the State Civic Improvement Association, held in the Lee Huckins hotel, November 2.

Mrs. Eager and Lon Foster were in El Reno, October 23, arranging the flowers for the funeral of a prominent citizen, Furrow & Co. supplying many large designs and bunches.

The Stiles Co. have added a young lady to their staff of employees. Business is reported very satisfactory.

Visitors: E. H. Furrow and wife returning home from a six weeks' trip through the East, and John Furrow, Guthrie; A. N. Humason, representing the Payne Jennings Advertising Co., Chicago. S. S. B.

Cincinnati.

ALL SAINTS' DAY DEMAND LIGHT.

All Saints' day sales hardly came up to the expectations of the trade in general. There were too many outdoor flowers and they caused a decided slump in the usual prices for this day. Chrysanthemums are in a very heavy supply and are most in demand, but are so plentiful that prices for them are only fair. Pompons are in good supply. Roses, too, are plentiful and are more than able to care for immediate wants in this line. Carnations are of high quality, but do not have the good market their quality merits. Some very fine single violets may be had. Other offerings include Easter lilies, cosmos, dahlias, lily of the valley, sweet peas and orchids. The supply of greens is adequate.

NOTES.

The enterprising E. G. Hill Floral Co. gave chrysanthemum exhibitions in the foyer of the Lyric theater and at their store last week. Both were good and were well attended.

C. J. Ohmer and wife and Master Jim Ohmer, who have been visiting E. G. Gillett and wife, expect to return to their home at West Palm Beach, Fla., November 5.

The regular meeting of the florists' society will be held at the establishment of J. A. Peterson & Sons Monday, November 8, at 4 p. m.

C. E. Critchell has been having a good demand for baskets.

Visitors: Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa., and C. Kogleman, Greensburg, Ind. H.

READING, PA.—The Rosedale Floral Co. has opened an up-to-date retail store at 46 North Ninth street.

TORONTO, ONT.—Approximately 5,000 persons attended the formal opening of John H. Dunlop's new flower shop on Adelaide street, October 6-7. The establishment is up-to-date in its appointments and the opening proved to be a real society event.

The American Florist

AUTUMN



NUMBER



TO BE ISSUED

NEXT WEEK

JUST RIGHT FOR THE

THANKSGIVING AND HOLIDAY TRADE

—The Best Paid—


CIRCULATION

—To the Trade in the Trade—

Business is rapidly taking on the usual peace volume and is well up to the average in all sections of the country, notwithstanding war conditions. Stocks of plants and supplies in the hands of retailers are said to be unusually low and with the demand almost normal this seems an unusually good time to interest the buyers

Rates as usual, \$1.00 per inch, single column width; \$30.00 per page of thirty inches. Usual discounts on time contracts.

American Florist Co.,
440 S. Dearborn St., CHICAGO.

 Please mail advertisements early.

POEHLMAN

72-74 E. Randolph St.,

'Mums - Pompons - Cattleyas

GARDENIAS--VALLEY--HARRISII

SPECIAL QUOTATIONS

Good Short Roses, assorted, our selection, per 1000, \$20.00 Good Carnations, per 1000, \$20.00 Pompons, per 100 bunches, \$25

CURRENT PRICE LIST.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$5.00
36 in.....	4.00
30 in.....	3.00
24 in.....	2.50
20 in.....	2.00
18 in.....	1.50
Short.....	\$0.75 to 1.50

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$20.00 to \$25.00
Long.....	15.00 to 18.00
Medium.....	8.00 to 12.00
Short.....	4.00 to 6.00

Hoosier Beauty	}	Per 100	
HADLEY			Special.. \$12 00
OPHELIA			Long... 10.00
SUNBURST			Med. ... \$6.00 to 8.00
MILADY		Short... 3 00 to 4 00	

RICHMOND	}	Per 100	
BULGARIA			Specials.....\$12.00
AARON WARD			Long.....\$8.00 to 10.00
KILLARNEY			Medium.. 6.00
WHITE KILLARNEY			Short.....\$3.00 to 4.00
KILLARNEY QUEEN			
" BRILLIANT			

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, 3.00

MISCELLANEOUS

	Per 100
Pompons.....	per bunch, 35c to 50c
Snapdragon.....	\$4.00 to \$6.00
Sweet Peas, Spencer.....	1.50 to 2 00
Violets.....	.75 to 1.00
Smilax.....	.doz. \$2.00
Plumosus and Sprengeri.....	2 00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.25
Leucothoe.....	.75
Mexican Ivy.....	per 1000, \$6.00
Ferns, new crop.....	per 1000, 2.00
Boxwood.....	per bunch, 85c; box, \$7.50

We have the best Boxwood ever shipped into this market.

ORCHIDS

Cattleyas.....	\$6.00 to \$7
White Dendrobiums.....	6
Yellow Oncidiums.....	per 100, 4
Phalaenopsis, per 100,	\$10.00 to \$12
Gardenias.....	per doz., \$3.00 to 4

CHRYSANTHEMUMS

	Per 100
Extra large.....	\$4
Large.....	3
Medium.....	2.00 to 2
Small.....	1.00 to 1

EASTER LILIES

Per 100.....\$8 00 to \$10

LILY OF THE VALLEY

Fancy, per 100.....	\$6
2nd.....	\$3.00 to 4

CARNATIONS

All colors, best, per 100.....	\$4
Medium, per 100.....	3
Short, per 100.....	2

WILD SMILAX

Per case.....\$8

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock.

Our Best Sellers

This Week

RED RUSCUS

EE Quality, per lb., 75c.

Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefinitely.

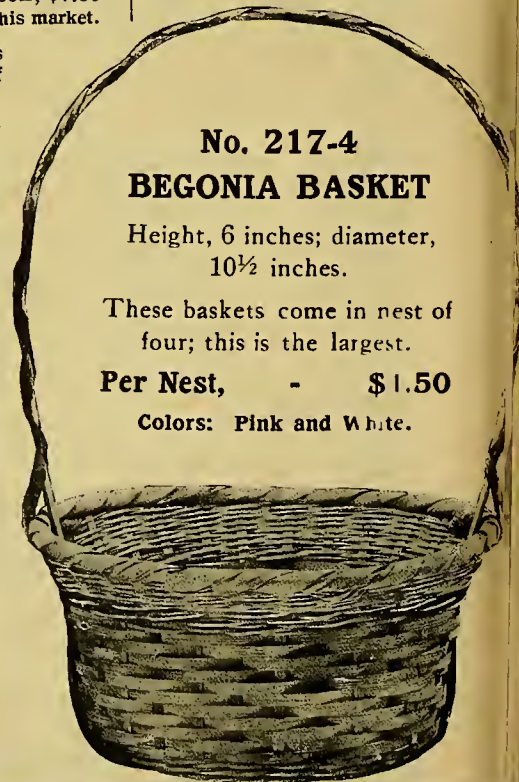
50 ASSORTED

TUMBLER BASKETS

(two-toned), with Liners, \$10.00



No. 218-1-2 Plant Basket.
Open Willow, Liner Included.
1-3x3, each.....\$0.25
2-4x4, each......35



No. 217-4
BEGONIA BASKET

Height, 6 inches; diameter, 10½ inches.

These baskets come in nest of four; this is the largest.

Per Nest, - \$1.50

Colors: Pink and White.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana

Single Plants		Each
4 inch pots.	5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.		
6 inch pots.	6 to 7 leaves, 24 in. high	1.00
6 inch pots.	6 to 7 leaves, 28 to 30 in. high	1.50
7 inch pots.	6 to 7 leaves, 36 in. high	3.00
8 inch tubs.	6 to 7 leaves, 38 in. high	3.50
8 inch tubs.	6 to 7 leaves, 48 in. high	5.00
8 inch tubs.	6 to 7 leaves, 58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.		

Kentia Forsteriana

Made-up Plants		Each
7 inch pots.	3 plants in a pot, 28 to 30 in. high	\$2.00
7 inch pots.	3 plants in a pot, 36 to 38 in. high	2.50
7 inch tubs.	4 plants in a tub, 38 to 40 in. high	3.00
8 inch tubs.	4 plants in a tub, 38 to 44 in. high	3.50
8 inch tubs.	4 plants in a tub, 50 in. high	5.00
8 inch tubs.	4 plants in a tub, 56 to 58 in. high	6.00
10-inch tubs.	4 plants in a tub, 5 ft. high	8.00
12-inch tubs.	4 plants in a tub, 5 to 5½ ft. high	10.00
12-inch tubs.	4 plants in a tub, 6 ft. high	12.00
Strong specimens in 15 inch tubs. 5 plants, \$15.00, \$18.00 and \$25.00 each.		

Kentia Forsteriana

Single Plants		Each
6 inch pots.	5 to 6 leaves, 28 to 30 in. high	1.00
6 inch pots.	6 to 7 leaves, 34 to 36 in. high	1.50
6 inch pots.	6 to 7 leaves, 38 to 42 in. high	2.00
8 inch tubs.	6 to 7 leaves, 50 to 54 in. high	5.00
8 inch tubs.	6 to 7 leaves, 5 ft. high	6.00
10 inch tubs.	6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10 inch tubs.	6 to 7 leaves, 6 to 6½ ft. high	10.00

Phoenix Roebelenii

	Each
3-inch.....	\$3.00 per doz.
5 inch pots.....	\$1.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	\$5.00 to 7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variogated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Amabilis

6-inch pots.....	\$1.00, \$1.25 each
------------------	---------------------

Dracaena Terminalis Rosea

4-inch pots.....	40c each; \$1.50 per doz.
5-inch pots.....	75c each; 7 50 per doz.

Dracaena Godseffiana

Per doz.....	\$1.00
--------------	--------

Dieffenbachia Magnifica

Each.....	50c, 75c, \$1.00
-----------	------------------

Blooming and Decorative Plants

You undoubtedly will have need for the stock listed below for present use and for Thanksgiving day.

Our Chrysanthemum pot plants, Begonias and Cyclamen are unusually fine this year and we advise placing your order with us. ORDER NOW.

CROTONS.

Very Fine Colored Stock		Each	100
nch pot.....		\$.50	\$45.00
nch pot, strong.....		.75	70.00
nch pot.....		\$1.00 to 1.50	

ARAUCARIA EXCELSA

	Each
nch, 3 to 4 tiers.....	\$0.75
nch, 4 tiers.....	1.00
nch, 4 to 5 tiers.....	1.25
nch, 5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

	Each
nch, 2 to 3 tiers.....	\$1.00
nch, 3 tiers.....	1.50
nch, 3 to 4 tiers.....	2.00
nch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock

	Each	100
nch pot.....	\$0.35	\$30.00
nch pot.....	.50	45.00
nch pot.....	.75	...

ASPARAGUS PLUMOSUS

2½-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

CHRYSANTHEMUM POT PLANTS

Ready Now

5½ and 6-inch pots.....	40c, 50c and 60c each
7-inch.....	75c, \$1.00, \$1.25, \$1.50 and up

FERNS.

Boston, Roosevelt and Whitman

	Each	100	Each
6-inch pot.....	\$0.50	\$45.00	10 inch pot.. \$2.00 to \$2.50
7-inch pot.....	.75	.....	12-inch pot.. 3 00 to 3.50
8-inch pot.....	1.00	.....

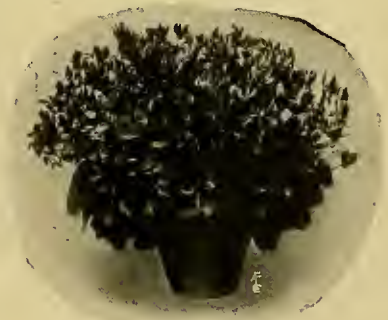
BEGONIA LORRAINE

Largest and best stock we ever had.

4-inch—in bloom.....	30c each
5-inch—in bloom.....	50c to 75c each
6-inch—in bloom.....	\$1.00 each
7-inch—in bloom.....	\$1.50 to \$2.00 each

BEGONIA CINCINNATI

Extra fine stock for immediate and future delivery.	
4 inch.....	35c each
5-inch.....	75c each
6-inch, strong.....	\$1.00 to \$1.25 each
7-inch.....	1.50 to 2.00 each



CYCLAMEN

Our Cyclamen are now coming in bloom and we offer a fine stock.

5-inch.....	50c each
6-inch.....	75c each
7-inch.....	\$1.00, \$1.50 each

For November and December delivery we will have over 25,000 of the best Cyclamen seen anywhere in size from 5-inch to 7-inch at reasonable prices.

CHRYSANTHEMUMS

POMPONS—Fancy varieties, all colors, 25c to 50c per bunch.

NOW READY—Extra large Yellow, White and Pink, very fancy, \$3.00 per dozen. Good Medium, \$1.50 to \$2.00 per dozen; Smaller Pink, White and Yellow, \$1.00 to \$1.25 per dozen.

LARGE CUTS OF ROSES

Beauties-Russell-Ophelia-Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36 in. stems.....		2.50 to 3.00
24 in. stems, New Beauties.....		2.00
18 in. stems.....		1.50
Shorter lengths.....	per 100, \$6.00 to \$8.00	
Russell		Per 100
Specials.....		\$12.00 to \$15.00
Extra long.....		10.00
Good medium.....		6.00 to 8.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgarie and Shawyer		Per 100
Special.....		\$10.00
Long.....		8.00
Medium.....		5.00 to 6.00
Short.....		4.00

Killarney Brilliant, White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$8.00
Medium.....		\$5.00 to 6.00
Short.....		4.00
Cecile Brunner..... per bunch, 50c		

CARNATIONS.

Pink, White, Red (indoor).....		3.00
Choice EASTER LILIES	\$1.50 per doz.	
LILY OF THE VALLEY		4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGERI		3.00
FERNS ,.....	1000, \$2.00	
GALAX , bronze and green.....	per 1000, \$1.25 to \$1.50	

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

ROSES OR CARNATIONS. Our Selection. In lots of 300 or more at the rate of \$2.50 per 100.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

Chicago.

STOCK OF ALL KINDS IS PLENTIFUL. Business has been rather quiet the past week, and outside of the shipping demand, there was practically very little doing with the result that stock of all kinds is plentiful and prices have dropped considerably. The demand for All Saints' day was as good as in former years, but the call this season was mostly for white chrysanthemums, white roses, white carnations and a few pink chrysanthemums, which leads one to believe that many of the southern growers were in crop with yellow chrysanthemums and that the retail florist only bought in this market what stock his dealers could not supply. American Beauty roses are in good supply and are reaching the market in splendid condition. Mrs. Chas. Russell roses are in good demand and clean up well. Roses in general are plentiful, and while white have cleaned up pretty well the past week, there has been plenty to go around. Lilies are in good supply and the same holds good for orchids. Violets are plentiful and the New York stock is especially fine this season, which also applies to the home grown singles. Chrysanthemums are reaching the market in large numbers, but fancy stock is selling quickly, and it is only the inferior grades that are being sacrificed at low prices. Pompoms are in better supply and clean up fairly well at prices ranging from 25 to 50 cents per bunch. Carnations have taken a drop in price and there is now plenty to go around, but it would not be surprising if the market cleaned up on this item before the week is over. A few indoor grown gladioli are being offered, but not in



The Late George Economopolus.
See Obituary Issue of October 30, Page 751.

any great quantities. Sweet peas are not any too plentiful. A limited supply of pink and yellow snapdragons and daisies is being offered as is mignonette, and the first stevia of the season made its appearance this week. While stock of all kinds is plentiful at this writing a change in the market conditions may be expected for the demand is better and certain items

are likely to be scarce before the week is over. The Grand Floral Festival will open at the Coliseum next week, November 9-14, and all that is needed now to make the affair the big success that it should be is favorable weather. Everyone in the trade has been boosting the show and there is no question but what the Grand Floral Festival will help the trade in general as far as increased business is concerned, coming as it does just before the holidays.

NOTES.

The funeral of the late George Economopolus, one of the proprietors of the Alpha Floral Co., was held Sunday, October 31, and was largely attended. Services were held at the Hellenic Orthodox Church, 1017 North La Salle avenue, and the remains were laid to rest in Elmwood cemetery. A special train was chartered on the Chicago, Milwaukee & St. Paul railroad and a large number of friends and acquaintances in the trade accompanied the body on the train to the final resting place, and many others made the trip to the cemetery in automobiles, a distance of about 17 miles. Peter Duris, Louis Visas, John Propps, S. Pappas, George Cordatos and Nick Bouras acted as pallbearers. The floral offerings from the trade were many and beautiful and five large automobiles were necessary to convey them to the church and depot. Nearly every house in the wholesale market was represented at the funeral and many prominent retail florists were also present. Gus Pappas, of Des Moines, Ia., one of the members of the Alpha Floral Co., had charge of the funeral arrangements, and will appoint a manager for the store before leaving for home.

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

BEAUTIES-ROSES-'MUMS

You can get what you want here in all grades at the prices listed below. We also have a splendid supply of Pompons and Carnations and advise ordering liberally of these.

Buy Direct From The Grower.

Current Price List

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$4 00
48-inch stems.....	3 00
36-inch stems.....	2 50
30-inch stems.....	2 00
24-inch stems.....	1 50
15 to 20-inch stems.....	1 00
Short.....	\$0.50 to 75

Richmond.....		
Killarney.....		Per 100
White Killarney ...	Extra select.....	\$8 00 to \$10 00
Killarney Brilliant	Select.....	6 00
My Maryland.....	Medium.....	5 00
Sunburst.....	Short.....	\$3 00 to 4 00
Milady.....		
Ophelia.....		

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$1 50 to \$2 00
Select.....	1 00
Medium.....	75
Short.....	50

ROSES, our selection.....

	Per 100
\$3.00	
Carnations.....	2.00 to 4.00
Chrysanthemums.....doz., \$2.00 to \$3 00	
Pompons.....per bunch, 35c to 50c	
Harrisii.....	10 00 to 12 50
Valley.....	4 00
Adiantum.....	1 00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2 50
Leucothoe..... per 100.....	\$1.00

2,000,000 Feet of Modern Glass

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

CURRENT PRICE LIST

ROSES	
Mrs. Chas. Russell—	Per 100
Good.....	\$6.00 \$8.00 \$10.00
Extra Fancy....	\$12.00 \$15.00
Ophelia, Sunburst, Killarney, White Killarney, Killarney Brilliant, Richmond and Milady—	
Long.....	\$6.00 per 100
Medium.....	5.00 per 100
Short.....	4.00 per 100
Specials billed accordingly.	
Carnations.....	\$2.00 to \$3.00 per 100

CHRYSANTHEMUMS.

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.
Pompons, per b'ch, 25c, 35c, 50c ea.	
Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley.....	4.00 per 100
Violets, double...50c to 1.00 per 100	
Ferns.....	2.50 per 1000

Order here and get satisfaction

CHRYSANTHEMUMS

White—Pink—Yellow

Pompons-Roses-Carnations
PINK SNAPDRAGONS-GREENS-ETC.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Mention the American Florist when writing

Sinner Bros. report a great increase in their business since they have been located in their present quarters on the main floor of the Atlas building.

E. F. Winterson and wife celebrated their twenty-fifth wedding anniversary Friday, October 29, when they received many beautiful presents and telegrams from their friends in the trade in honor of the occasion.

O. Johnson says that American Beauty roses are in better demand this season at the Batavia Greenhouse Co.'s establishment than they have been any previous year during the chrysanthemum season.

The baby that arrived at the home of Mr. and Mrs. Harry J. Lister, October 30, died the following day. Mrs. Lister is a daughter of A. C. Kohl-

brand, E. C. Amling Co.'s veteran specialist.

Miller & Musser are featuring a large supply of Bonnaffon chrysanthemums this week, which clean up quickly at good prices.

Adam Zender has been troubled considerably of late with rheumatism, but is able to be about.

E. F. Kurowski will represent the John C. Moninger Co. at the Cleveland Flower Show.

Joseph Ziska & Sons are busy unpacking a large new shipment of ribbons.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

BEAUTIES-ROSES-CARNATIONS

A new firm known as the American Greenhouse Manufacturing Co., started in business this week with headquarters in the Masonic Temple building, room 1503, just around the corner from the wholesale cut flower market. Philip L. McKee, who has been identified with the John C. Moninger Co. for the past 11 years, a part of the time as general manager and second vice-president, is president and treasurer and is well and favorably known to the trade. He is the designer of the bolted through the pipe houses and new types of steel frame houses, as well as many specialties. Mr. McKee says that their new factory will be in running order in about three weeks and that the location will be announced later. The firm is ready to submit estimates and plans, give engineering advice, etc. The company has been incorporated and is well fixed financially and there is no question but what Mr. McKee and his associates will be successful in their undertaking.

The J. D. Thompson Carnation Co. will give an excursion to its greenhouses at Joliet, Thursday, November 11, when all the carnation growers attending the Grand Floral Festival are cordially invited to participate. A special train will leave this city at 11:45 a. m. via Rock Island at the La Salle street depot and return about 5:30 p. m. Free tickets will be supplied to everyone and a good Dutch luncheon will be served at the greenhouses. Superintendent Peterson is anxious to have everyone see the new carnation Aviator growing, which is one of the freest blooming carnations ever produced, and has made arrangements to accommodate a large crowd. Everyone is welcome, and should the date of the excursion be changed it will be announced in the Coliseum; otherwise the present arrangement will stand.

R. R. Brenton, of Kennicott Bros. Co., chairman of the special feature committee and publicity director for the Grand Floral Festival, has been busy as a bee the past two weeks, and now has his work well under way. He has made arrangements with Mary Wood Hinman, the Anna Morgan Studios, Mme. Josephine Hatlanek, Mme. Young of the Chicago Musical College, Mrs. Laura O. Parsons and Mrs. Jean Van Vlissingen of the Blackstone to hold novelty dances each day during the show in the order named.

Poehlmann Bros. Co. has had on display the past week the beautiful five-piece silver service set which it donated as a prize to the Grand Floral Festival to be held in the Coliseum next week for the best basket of flowers arranged for effect. This firm is showing a good supply of Mrs. Chas. Russell roses, which are attracting much attention and are some of the best that they have cut this season. The supply department is very busy and will have a big display of holiday goods during flower show week.

Zech & Mann report that the southern demand for All Saints' day this year was mostly for white chrysanthemums, white roses and white carnations. In other years yellow chrysan-

OPHELIA ROSES

\$3.00 to \$10.00 per 100.

Try a sample shipment of 100 or more today. You will not be disappointed for they are of unusually fine color and the stems and foliage are all that can be desired

	Per 100		Per 100
Milady	\$4.00 to \$15.00	Killarney	\$3.00 to \$10.00
Killarney Brilliant	3.00 to 10.00	White Killarney	3.00 to 10.00
Ward	3.00 to 10.00	Cecile Brunner	bunch, 50c each

RUSSELL—Finest Grown at \$4.00 to \$20.00 per 100.

MUMS, \$1.50 to \$3.00 per doz.

POMPONS, 35c to 50c per bunch.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street
CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

themums were in brisk demand and the only reason that Allie Zech can figure out that there was not much call for them this year is that the buyers must have been able to secure all they needed from their home growers.

A. L. Vaughan & Co. are having a good call for the bronze chrysanthemums that they are receiving from the Buckbee greenhouses at Rockford and which are being used to a great extent in the window displays of the local retail florists. Mr. Vaughan says that the shipping trade was remarkably good on October 31, which helped considerably to make the month the best October ever experienced.

Weiland & Risch's new rose Champ Weiland has been featured quite extensively in the daily press the past week in connection with the publicity that the Grand Floral Festival is receiving. The rose will be on exhibit for the first time at the show next week as will Feamma, another one of their new roses.

At Wieter Bros.' store carnations are arriving in large quantities and one variety in particular that looks fine and is having a good call is Rosette, W. N. Rudd's favorite. Pompons are also plentiful at this house and one of the best paying varieties on the entire list is Golden Climax, according to N. J. Wieter.

A. T. Pyfer & Co. should have been credited with the donation of the silver cup for Class 135 in premium list of the Grand Floral Festival instead of Pyfer & Olsem, as it appears. The cup will be awarded to the one making the best display of carnations, not to exceed 200 blooms, accessories permitted.

N. P. Miller was operated upon Friday, October 29, when a large tumor was removed from the back of his head. While the operation was not a pleasant one, it did not interfere with the duties that he had to perform as secretary of the Grand Floral Festival, to be held in the Coliseum, November 9-14.

A baby boy gladdened the home of Reverend J. M. Bailey and wife of Oak Park this week, which accounts for the many fine smokes that Grandpapa E. C. Amling distributed.

J. E. Quallich, of the A. L. Randall Co., is hatching it while his wife is visiting her parents at Cleveland, O., who have just returned from Austria and Germany via Holland.

Robert Northam takes great delight in showing George Reinberg's customers his fancy long-stemmed pompons which is one of his chief offerings this week.

O. A. Tonner reports a good demand for pink snapdragons which she is handling in quantity.

BIG SUPPLY OF 'MUMS

ROSES-CARNATIONS-VIOLETS-POMPONS

and everything else that you need. Order here and we will fix you up right. **Do It Now.**

Vaughan's Current Price List

American Beauties	
	Per Doz.
Extra special (best)	\$1.00
Special	3.00
30 to 36-inch stems.....	2.50
12 to 20 inch stems.....	1.50
Shorter stems, per 100, \$4.00 to	8.00

Russell	
	Per 100
Extra Special.....	\$15.00 to \$18 00
Special.....	10.00 to 12.00
Select.....	6.00 to 8.00
Short.....	4.00 to 5.00

Milady, Ophelia, Sunburst	
	Per 100
Special.....	\$10.00 to \$12.00
Select.....	6.00 to 8.00
Short.....	3.00 to 4.00

Killarney Brilliant, Ward	
	Per 100
Special.....	\$8.00 to \$10.00
Select.....	4.00 to 6.00
Short.....	3.00

Killarney, White Killarney, Richmond	
	Per 100
Special.....	\$8.00 to \$10.00
Select.....	4.00 to 6.00
Short.....	3.00

Cecile Brunner, Geo. Elgar	
Good Stock for corsage	Per 100
and table work ..	\$2.00

Carnations	
	Per 100
Fancy.....	\$1.00
Short.....	\$2.00 to 3.00

Chrysanthemums	
	Per Doz.
Yellow.....	\$2.00 to \$4.00
White.....	2.00 to 4.00

Orchids	
	Per Doz.
Cattleyas.....	\$5.00 to \$6.00

Miscellaneous	
	Per 100
Valley.....	\$ 3 00 to \$ 5 00
Violets, single .....	.75 to 1.00
Violets, double.....	.50 to 1.00
Lilies.....	10.00 to 12.50
Gardenias.....	3.00 to 4.00
Ferns...per 1000, \$2.00	
Galax	1.25
Leucothoe .....	.75
Adiantum.....	1.00
Plumosus, per bunch, 35c to 50c	
Sprengeri " " 25c to 50c	
Smilax, per doz	\$2.00
Wild Smilax, per case.....	5.00
Boxwood, per bunch.....	25c

Subject to market changes.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
 " 2572
 Auto. 48-734

Chicago

Mention the American Florist when writing

**Z
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Tremendous Supply Fancy Chrysanthemums

Consisting of all the seasonable varieties in White, Pink and Yellow. Our customers would do well to order liberally of Chieftain for it is one of the finest Pink Chrysanthemums now offered and takes well with the buying public.

POMPONS VIOLETS CARNATIONS ROSES
BEAUTIES LILIES VALLEY
GREENS OF ALL KINDS

Always bear in mind that we have both quantity and quality and that when you order here you always get the best that the Great Central Market Affords.

30 E. Randolph St., L. D. Phones
Central { 3283
 " 3284
Automatic, 42-965 **Chicago**

C. L. Washburn says that October was the best month that Bassett & Washburn ever experienced and which he attributes to the early frosts that killed all the outdoor stock and caused a heavy demand for indoor flowers, which brought high prices. In speaking of chrysanthemums, Mr. Washburn speaks highly of the varieties Golden Queen, Marigold and Crystal Gem, and he has every reason to do so, for the stock that they are offering in these is fine and sells readily.

William Lubliner and his brother Dan left for Milwaukee, Wis., this week to take charge of the new store that they are opening there at 227 Grand avenue.

Miss M. C. Gunterberg says that New York violets are unusually fine this season and that she never handled any better ones at this time of the year than those that she is offering now.

J. A. Budlong and the Chicago Flower Growers' Association expect to

move into their new quarters on the main floor of the Le Moyne building some time next week.

William Johnson and Peter Hoefelder, of A. L. Vaughan & Co., attended the White-Wells fight at Milwaukee, Wis., Friday evening, October 29.

The next meeting of the florists' club will be held at the Hotel Morrison, Room A1, November 4 at eight p. m.

Ernest Farley has accepted a position as salesman with A. T. Pyfer & Co.

Anything and Everything the Market Affords in

CUT FLOWERS AND GREENS

You can increase your profits and business by sending your orders to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES
and CARNATIONS
A Specialty.....

WHOLESALE
GROWER OF

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS

L. D. Phone Central 6269.

CHICAGO, ILL.

Schiller has acquired the Lubliner & Trinz business on Wabash avenue, providing sales and delivery facilities in the loop which Manager Asmus says were greatly needed to properly serve the firm's constantly increasing trade. The modern flower buyer, he says, wants to see the goods and he proposes to accommodate customers to the fullest extent possible. Headquarters remain at the old stand, 2221-23 West Madison street, which grows more prosperous each year, and the new store, which is being decorated and refitted in up-to-date style, with the flourishing north side establishment on Broadway, should give the firm many advantages in serving its city and suburban patrons.

Felix Reichling visited Peter Reinberg's carnation range Sunday, October 31, and brings back the report that the stock is in splendid condition and never looked better. This firm cut their first sweet peas this week, and now have plenty to supply all their customers. All of Reinberg's field-grown carnation plants have been sold and it might not be amiss to mention many nice orders were booked from customers who read their advertisement in THE AMERICAN FLORIST.

J. A. Peterson, the veteran Ohio plantsman, made the trip from Cincinnati to this city in his auto last week via Indianapolis, showing samples of his specialties to customers enroute. Mrs. Peterson joined her husband Saturday, making the trip by rail, and the couple left on the return auto trip via Ft. Wayne, November 1.

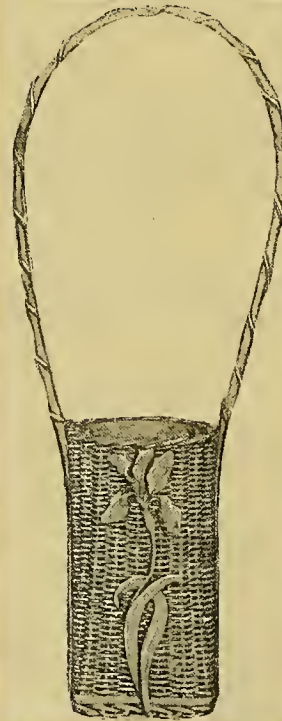
Percy Jones is handling large quantities of chrysanthemums, which reminds one of old times, for this is always one of his leaders and this year is no exception. Boxwood is in good demand and the stock offered is the pick of Virginia hedge and tree varieties.

Kyle & Foerster will spend their first Thanksgiving in a store on the main floor this year and it is evidently to their liking, for neither one of the proprietors have looked as healthy and happy as they do now.

The John Kruchten Co. never has any trouble in disposing of all the Mrs. Chas. Russell roses that it receives, and it is remarkable how quickly this variety cleans up, even when other stock is plentiful.

Artistic Hand Painted Baskets

Most striking selection obtainable



Exceptionally fine facilities enables us to get out this high grade work at extraordinarily low prices. This stock is not to be compared with the inferior grade of baskets now being generally offered in the market. The one best way to convince yourself is to order a trial dozen today.

\$7.50 per dozen
5.40 per dozen

Difference in price is governed by size not quality. Order today. Be sure and visit our display at the Grand Floral Festival to be held in the Coliseum, Chicago, November 9-14, 1915.

RAEDLEIN BASKET CO.

713 Milwaukee Ave.

CHICAGO

Erne & Klingel could use more floor space to good advantage, but they are making the best of the situation and are handling their ever increasing business as though they had all the room they wanted.

D. E. Freres is pleasing his customers with fancy roses that are coming from the Adam Zender greenhouses.

Hoerber Bros. are cutting some very fancy chrysanthemums, with Christy Matthewson the principal offering in white.

H. N. Bruns has a fine new Buick delivery car.

Vaughan's Seed Store now has fresh bouquet green and boxwood in its warehouses.

The death of Frederick W. Timme is recorded in our obituary column this week.

Visitors: Samuel Seligman, representing Wertheimer Bros., New York; J. A. Peterson and wife, Cincinnati, O.; Frank Farney, representing M. Rice Co., Philadelphia, Pa.; George Franks; with Thos. E. Franks & Son, Champaign; James Cole, Sr., Peoria, attending the Knights Templars' convale.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phons Central 1977 and 1978.

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Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST. doz.

Roses, Beauty, specials	\$4 00@5 00
" " 36-in.....	3 00
" " 30-in.....	2 50
" " 24-in.....	2 00
" " 20-in.....	1 50
" " 15-in.....	1 00
" " 12-in.....	75
" Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant	3 00@10 00
" Killarney.....	3 00@10 00
" White Killarney.....	3 00@10 00
" Richmond.....	3 00@10 00
" Prince de Bulgarie.....	3 00@10 00
" Rhea Reid.....	3 00@10 00
" My Maryland.....	3 00@10 00
" Mrs. Geo. Sawyer.....	3 00@10 00
" Mildy.....	3 00@15 00
" Sunburst.....	3 00@10 00
" Mrs. Aaron Ward.....	3 00@10 00
" Hadley.....	3 00@15 00
" Ophelia.....	3 00@10 00
" Our selection.....	3 00
Carnations.....	1 00@ 4 00
Cattleyas.....per doz.,	4 00@ 6 00
Gardenias.....per doz.,	3 00@ 4 00
Chrysanthemums.....per doz.,	\$1.50 to \$4.00
Pompons, per bunch.....	.25c @ 50c
Gladioli.....	2 00@ 6 00
Lilium Harrisii.....	10 00@12 50
Sweet Peas.....	1 50
Valley.....	4 00@ 5 00
Violets, single.....	75@ 1 00
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000,	5 00@6 00
Plumous Strings.....each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengerl, Plumous Sprys.....	3 00@ 4 00
Boxwood, 25c per lb.	

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

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Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago



Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.
Send for complete list and prices.

Booking orders for delivery now or later.
\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

PRICES WEAKEN AS SUPPLY INCREASES.

Supply is still holding the advance made last week; in fact, has gained more ground, while demand needs reinforcements or help from his distributing allies, who have not been able to lighten his load or push his cause to any extent. In other words, flowers are being brought to market faster than they can be sold and prices are receding. The stock is splendid for the season; all the new roses are making good and sell as well as the older sorts. Ophelia, particularly, is becoming a great favorite. American Beauties hold their own, being the acknowledged leader. Dahlias are done for, and yet a few growers are sending in from protected patches that still give good flowers. The chrysanthemum is now the great factor and there was a great demand for all grades of white for All Saints' day, which cleaned the market up completely. Splendid flowers are now seen of all the mid-season sorts. Maud Dean and her sister sports are expected the last of this week, as are also Bonnaffon. A few early sweet peas are offered, but have not much to recommend them. Lily of the valley is more plentiful. There are a few callas, and Easter lilies are far in excess of the demand. Snapdragons in all colors are in ever increasing supply. Pansies are in.

FLORISTS' CLUB MEETING.

The November meeting of the florists' club was a very lively affair. "The Fakir On Our Streets" was the subject for discussion. Wm. Graham and Wm. P. Craig, who were to have charge of the debate, pro and con, both evaded the issue, while the two old war horses, Robt. Craig for, and John Westcott against, fought it out. For a while Craig, Westcott, Meehan, Zieger, Coldfish, Betz, Kift and others took a hand, but finally in the vote the growers who outnumbered the retailers ten to one, gave the fakir a clean bill of health, as they did not see how they could get along without him.

NOTES.

The holding of the chrysanthemum show of the Pennsylvania Horticultural Society in the second week of November is a sensible move. This period finds all but the very late sorts in their prime and a finished exhibition of the best kind is assured. Cut roses, carnations, and in fact all indoor flowers, will be further advanced and make a better display. Would it not be a good idea for the publicity committee to try their "Prentice" hand on this show? There is not much time, but they might take a leaf out of Cleveland's book as a guide. After looking over the array of trade exhibits secured, one might easily think it a meeting of the S. A. F. What a bustling crowd they must be to get such results in so short a time? Chicago, too, is getting a move on; their poster is a beauty, and from the published prospectus, their show will be worth going a long distance to see. These successes will no doubt wake up other cities, many of which need only to be shown the way. Let the good work go on.

Genial John Walker was in town last week. He reports business good in Youngstown, O. He is one of the

Wholesale Flower Markets

BOSTON, Nov. 3.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@ 5 00	
" Double White Killarney.....	1 00@ 6 00	
" Killarney Brilliant.....	2 00@ 8 00	
" Hadley.....	2 00@10 00	
" Cardinals.....	2 00@12 00	
" Mock.....	2 00@ 8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 8 00	
" Ward and Hillingdon.....	2 00@ 6 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	50@ 1 00	
" aselect.....	1 50@ 3 00	

BUFFALO, Nov. 3.		Per 100
Roses, Beauty, special.....	20 00@25 00	
" " fancy.....	15 00@20 00	
" " extra.....	10 00@12 00	
" " No. 1.....	6 00@10 00	
" " No 2.....	2 00@ 3 00	
" Killarney.....	3 00@ 7 00	
" White Killarney.....	3 00@ 7 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	4 00@ 7 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
" Ophelia.....	4 00@ 8 00	
" Mock.....	3 00@ 6 00	
" Francis Scott Key.....	4 00@ 8 00	
" Sawyer.....	3 00@ 8 00	
" Russell.....	8 00@12 00	
" Hadley.....	8 00@12 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@ 3 00	
Chrysanthemums.....	8 00@20 00	
Cosmos.....	50@ 1 00	
Dahlias.....	1 00@ 3 00	
Snapdragons.....	1 00@ 2 00	
Violeta.....	60@ 75	
Aparagua Sprengeri... 35@ 50		
Ferna.....per 1000. 2 50		
Smilax.....	15 00	

CINCINNATI, Nov. 3.		Per 100
Roses, Beauty.....per doz..\$0 75@ \$3 00		
" Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 6 00	
" Richmond.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	10 00	
Aparagus Plumosa...per bch..25c		
Orchids.....per doz..\$7.50		
Chrysanthemums.....	6 00@20 00	
Dahlias.....	2 00@ 3 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@ 6 00	

CINCINNATI, Nov. 3.		Per 100
Roses, Beauty.....per doz..\$0 75@ \$3 00		
" Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 6 00	
" Richmond.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	10 00	
Aparagus Plumosa...per bch..25c		
Orchids.....per doz..\$7.50		
Chrysanthemums.....	6 00@20 00	
Dahlias.....	2 00@ 3 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@ 6 00	

happiest men in the business. A custom that augurs well for the flower trade, which appears to be on the increase, is the decoration or display of plants or cut flowers in the show windows of the various retail stores in all lines in the retail district. For this feature some use a foliage or flowering plant and others a vase of flowers changed about twice a week. Here is a chance to speed the business up a little and is well worth the attention of the wide-awake decorator.

Large invoices of boxwood have been received by several growers. They never carried better or looked more robust or healthy. The use of these plants for window decorations appears to be on the increase, as every block in the better residence districts is becoming dotted with window boxes or plants in vestibules or on door steps.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market
Choice Roses, Orchids, Valley
Chrysanthemums in variety
We solicit a trial order.
1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies
PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.
Dnetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

The Robert Craig Co. is shipping stock in large quantities these autumn days. Preparations for the Christmas holidays are a feature; the begonias, cyclamens and poinsettias are receiving every attention, these and the large houses of fancy foliage plants appearing in the best possible condition.

Edward Reid is enthusiastic over the high class chrysanthemums from A. N. Pierson, Inc., Cromwell, Conn. They are certainly fine. His high-grade American Beauties and carnations are well worthy of mention.

New York.

AVERAGE BUSINESS; SUPPLY ADEQUATE.

The wholesale business of the past week was no more than average for this season. The weather was fine, and fine weather is supposed to bring out shoppers, and it does, but it also has another effect. Many of the people who are wealthy enough to own automobiles, horses or a pack of dogs, are likely to be elsewhere than at their city homes in fine autumn weather. Even Thanksgiving does not, in these later years, bring back the members to the home and fireside that it did in "ye olden tymes," and more's the pity, but there is no help for it. There have been weddings, and the inevitable funeral work, and with the counter trade from the fixed population, there is a steady demand for a varying amount of stock, but the demand is not heavy enough to create any flurry in the market. The chrysanthemums are the leading features and are moving fairly well. We would not say that there is a scarcity of white chrysanthemums, but there is no surplus and they bring a somewhat better price than the yellows. There is an abundance of pompons on the market and they move fairly well. While there is good stock of the yellow, commercial varieties on the market, there is a quantity that is inferior and cheap. It seems to us that if some of the growers would stick to tried and proved varieties and do less experimenting, they would be better off. There is no surplus of special American Beauty roses and they keep steady, and the same may be said of orchids. There has been an increase in the supply of tea roses and the left-overs necessarily sell cheap. The supply of carnations has greatly increased and \$1.50 per 100 is now a fair price for average stock, shorter stems going at \$1 per 100. The supply of violets has greatly increased and the quality is improving, but they move very slowly. There are enough lilies and lily of the valley to supply the demand and prices are normal. The dahlias and other outdoor stock have taken the count. For the week ending November 6, two flower shows will be running in this city, one at Tarrytown, one at Oyster Bay, one at New London, Conn., and another at Stamford, Conn. The following week comes the much advertised Cleveland show, which is likely to have quite a number of visitors from this city. It will thus be seen that anybody who gets tired of business can find diversion in attending shows.

November 1.—The month opens with fair and mild weather and business is moving along in fair condition, but there is room for improvement. American Beauty roses are doing somewhat better, \$35 per 100 being now secured for some selected stock. Tea roses are slow and some left overs of short stock have gone as low as 50 cents per 100. Carnations are also slow and range from \$1 to \$2 per 100. Violets are doing a little better. In orchids there is a tendency toward stiffer prices. The business in chrysanthemums is good, considering all other features. Gardenias are scarce.

NOTES.

John Weir, the veteran florist of this city, who is now a buyer and salesman for C. C. Trepel, celebrated his seventieth birthday, October 29. We have noticed that when a man gets to be seventy, people are prone to flatter him a little; tell him he looks much younger and all that sort of stuff, whether it is true or not. In Mr. Weir's case, flattery is unnecessary, for truth is not only stronger, but often stranger than fiction. He is in the early market every morning by 6 o'clock, often earlier. From that hour

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

on until 8 p. m., he is constantly on the go between the various wholesale stores. On his birthday he varied his usual program by working in the store until 10 p. m. Another variation was that he nearly threw "Big Bill" Bogart, another buyer, over the counter for "sassing" him. You can take our word for it, and we could produce plenty of corroborative evidence, that Johnnie Weir is a more active man than a lot of young fellows of 20. It may interest many to know that he neither drinks whiskey nor uses tobacco in any form.

William Kather, formerly with Wadley & Smythe, has opened a nice retail store at 754 Madison avenue. In addition to good ground floor space, he has a large room on the second floor which has three large show windows where foliage plants and Christmas and Easter stock can be displayed to advantage. He is a clever and capable young man and will undoubtedly be successful.

Among those from this city who attended the Madison, N. J., flower show, October 28-29, were Frank Traendly, W. E. Marshall, Harry A. Bunyard, Eugene Dailedouze, John Dailedouze, Harry A. Barnard, representing Stuart Low & Co., Sussex, England, and J. B. Deamud and Miss Belle Peck, representing Vaughan's Seed Store, Chicago and New York.

Guttman & Raynor, Inc., are receiving quantities of the new pink rose Prima Donna. They are, so far as we are aware, the only wholesale dealers who have it. The special stock is selling at the rate of \$20 per 100. A. J. Guttman advises us that he will exhibit it at the next meeting of the New York Florists' Club, November 8.

Leikens, Inc., had a fine wedding decoration at the Hotel St. Regis, October 27. The bride's and bridesmaids' bouquets were made up in his best style, which is hard to excel. The bride's was a beautiful creation of bridal orchids and lily of the valley; the bridesmaids' of cattilyea labiata.

We have noticed at the store of Chas. A. Dards a vase of a new cerise pink rose named Prima Donna. This is a fine appearing rose, both in quality of bloom and stem. At this store exceptionally fine window decorations of chrysanthemums with autumn foliage are now seen.

The next meeting of the New York Florists' Club will be held in the Grand Opera House building, 8th avenue and 23d street, on the evening of November 8. We understand it is likely to be an interesting event and there should be a large attendance.

We have recently noticed at Traendly & Schenck's very fine stock of the



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, Madison Sq. 5335

following varieties of chrysanthemums: Chrysolora, Pink Gem, Fidelity, C. H. Totty, O. H. Broomhead, Chieftain, White Chieftain, Naomah and Matchless.

Under the name of "Florist Company" a new retail store has been started at 10 East 50th street, which is just off Fifth avenue and opposite St. Patrick's Cathedral. John Huber, formerly with the old firm of Hanft Bros., is manager.

Clarence Slinn, who has for some time occupied part of the store with D. C. Arnold & Co., 112 West 28th street, has taken the store at 123 West 28th street, to conduct a wholesale business.

As will be elsewhere noted, the wholesalers have recently heaped more honors on President Traendly. He has been a president quite a number of times, but they must have him.

Alexander M. Westwood, the Pennsylvania Terminal florist, advises us that his trade in violets is improving. He probably sells more violets than any other retailer in this city.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY

Telephone:
 3864 Madison Square

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1864 } Madison Square, **34 W. 28th St., New York**
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Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

OFFICIAL S. A. F. Shipping Labels
 FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.
AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Mad. Sq. **133 W. 28th St., New York**
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: 2200 and 2201 Madison Square.

Al. Rigo, who early in the fall started a new store at 810 Madison avenue, has just put up a fine sign and made other improvements. He is featuring C. H. Totty's new rose Gorgeous. At the store of G. E. M. Stumpff we noticed a number of unique Halloween features. Large yellow pumpkins had been scooped of their "innards" and filled with flowers. George Golsner, the well known grower of College Point, has been laid up with rheumatism but is now improving. A. F. F.

Horticultural Society of New York.
 The fall exhibition of this society will be held November 4-7, at the American Museum of Natural History, Seventy-seventh street and Columbus avenue. A cordial invitation is extended to all to make exhibits at this, the largest fall exhibition in this city or vicinity. Schedules will be sent upon application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City.

WEST ANNAPOLIS, MD.—R. Kaiser has added one house, 53½ by 100 feet, and made extensive repairs at his range.

BEATRICE, NEB.—The Dole Floral Co., with an up-to-date range of 10 houses and an attractive downtown retail store, issues a nicely illustrated catalogue of 10 pages covering cut flowers, plants and floral designs, with season of blooming, prices and many helpful suggestions for flower buyers. Aquarium supplies are also a feature.

Wholesale Flower Markets

NEW YORK, Nov. 3.	Per 100
Roses, Beauty, special.....	25 00@30 00
" " extra and fancy.....	15 00@20 00
" " No. 1 and No. 2.....	8 00@10 00
" Prima Donna, special.....	20 00
" Alice Stanley.....	1 00@10 00
" Prince d'Arenberg, special.....	6 00
" Francis Scott Key, special.....	8 00@10 00
" Mrs. Geo. Shawyer.....	1 00@6 00
" White Killarney, special.....	6 00
" Killarney, My Maryland.....	4 00@6 00
" " special.....	4 00@6 00
" " No. 1 and No. 2.....	50@3 00
" " Queen.....	1 00@8 00
" " Brilliant.....	1 00@8 00
" Aaron Ward.....	1 00@8 00
" Richmond.....	1 00@8 00
" Sunburst.....	1 00@8 00
" Taft.....	1 00@8 00
" Milady.....	1 00@8 00
" J. L. Mock.....	2 00@8 00
" Hadley.....	2 00@10 00
" Ophelia.....	1 00@8 00
" Mrs. Chas. Russell.....	2 50@12 00
" Hoosier Beauty.....	2 00@8 00
Cattleya Orchids, special.....	35 00@40 00
" inferior grades.....	20 00@30 00
Lillies, Longiflorum and Harrisii.....	5 00@6 00
Lily of the Valley.....	2 00@4 00
Carnations.....	1 00@2 00
Bouvardias.....	1 25@1 50
Adiantum Croweanum and Hybridum.....	1 00
Aparagua Plumosa..... doz. bchs.	1 00@1 50
Smilax..... doz. strings.	1 75
Chrysanthemums..... per doz.	1 50@4 00
Gardenias..... per doz.	2 50@3 00
Violets, single.....	20@50
" double.....	15@35
Sweet Peas, orchid flowered.....	1 00

United Cut Flower Co., Inc.
WHOLESALE
111 W. 28th St., New York City
NOW IS THE TIME
 To Ship Your Consignments
PERCY W. RICHTERS, Manager.
 Mention the American Florist when writing

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.
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Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
Orchids, Roses, Carnations and all the other best products of the leading growers.
 Consignments solicited.

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 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
 Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
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The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Madison Square 1519-5893
119 West 28th Street NEW YORK
 Mention the American Florist when writing

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
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M. C. Ford
121 WEST 28th STREET NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.
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FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green. Per 100

20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope.	7 50
Palm Green Untinted.	
36x12x6, Telescope.	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO
Mention the American Florist when writing

Ft. Wayne, Ind.

SUPPLY SHORT AND PRICES ADVANCE.

Business the past week was very good, and a noticeable shortening up of greenhouse stock resulted in prices being boosted. Roses were very scarce, but those on the market were of exceptionally good quality, Sawyer, Russell and Sunburst bringing eight to ten cents. Carnations were obtainable in small numbers only. Chrysanthemums are in better supply, among the recent arrivals being Mme. Touset, Halliday, Unaka and Glory of the Pacific. Violets are coming in, but as yet are very small. Severe frosts have finished up the outdoor stock. Lily of the valley and orchids are good stock.

NOTES.

Miss Helen Patten of Toledo, O., was a recent visitor and reports fall business in that city exceptionally good. She is boosting for the Toledo flower show to be held November 6-10.

The National Real Estate Men's Association held its annual convention in this city last week. A number of the local florists donated flowers and decorated the tables at the banquet.

Frank Knecht of this city and Christ Winterich of Defiance, O., are planning to attend both the Toledo and the Cleveland flower shows. Stock at the Knecht greenhouses, especially roses and chrysanthemums, are looking fine.

Visitor: M. Lion, representing Lion & Co., New York.

H. K.

Providence, R. I.

ALL STOCKS IN GOOD DEMAND.

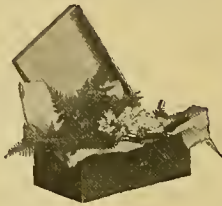
Business the past week has been exceptionally good, with funeral work holding up well. The supply is moderate. Chrysanthemums are coming in slowly and command much better prices than a year ago. Carnations are improving and meet with a good demand. Halloween sales were very good and brought forth a good demand for yellow chrysanthemums as well as other flowers. Several of the florist shops had appropriate displays in the windows for the occasion, and while the sales averaged small, as hard times seem to prevail to a certain extent, the decorations had a stimulating effect.

NOTES.

Macnair has re-decorated his two stores, and they look very attractive in their hirsch bark dress.

A new chrysanthemum, grown by John W. Urquhart, gardener to Governor R. Livingston Beekman, has been named in honor of Mrs. R. Livingston Beekman. It is a large white

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D BOXES can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

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FERNS, GREEN GALAX and LEUCOTHOE

Direct from the woods to the dealer. **NEW CROP NOW READY:**
Dagger and Fancy Ferns ...80c per 1000; case of 5,000, \$3.50
Green Galax50c per 1000; caae of 10,000, 4.00
Green Leucothoe (long).....per 1000, 2.00
Green Leucnthoe (short).....per 1000, 1.00
Rhododendron Leaves.....per 1000, .50

ELK GALAX & FERN CO.,
TERMS CASH. BANNERS ELK, N. C. Goods Guaranteed



Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per hag, \$3.50
Natural Moss.....per hag, 1.75

E. A. BEAVEN, Evergreen, Ala.

flower, measuring nine inches in diameter. The Newport Horticultural Society at its meeting awarded a first class certificate for the flower.

It has been reported that a large number of greenhouses are to be erected in this vicinity. Among the growers who will add to their establishments are the following: James Hay, East Providence; Wm. Hoffman, Pawtucket; Joseph Kopelman & Co., Butler hospital, Chas. Hunt and Richard Higgins, Providence. This seems to indicate that business is improving.

The Lapham Floral Co. is opening a new store in the Fanning building, Broad street, Pawtucket.

H. A. T.

Chicago Bowling.

The team representing the trade in the North Chicago League lost three games to the crack Birk Bros.' five, who now lead the race. The scores were as follows:

Players	Florists.		
	1st Game.	2nd Game.	3d Game.
J. Huebner	178	187	159
Lorman	149	193	208
Zech	165	189	129
Price	166	217	199
Olsem	172	145	208
Totals	822	931	903

The team representing the Chicago Florists' Club in the Mercantile League is now in first place, and the scores rolled this week are as follows:

Players	Florists.		
	1st Game.	2nd Game.	3d Game.
A. Huebner	191	155	167
Lorman	161	167	133
Zech	152	196	200
Price	159	127	163
Olsem	158	180	189
Totals	821	825	852

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING.** Write us for our sample folders, cuts and slides for advertising:

Fall Planting **Thanksgiving**
Fall Announcement **Christmas**
Send us your name and we will put you on our mailing list. Write us for Booklet M.

MCNEFF-SWENSON CO.

High Grade Floral Publicity.
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608 So. Dearborn St., Chicago, Ill.

Mention the American Florist when writing

HOLLY WREATHS

W. G. Williams & Son

SELBYVILLE, DEL.

Send us your orders.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per hag
Perpetuated Moss 3 50 per hag

Caldwell the Woodsman Co.

EVERGREEN, ALABAMA
Everything in Southern Evergreens.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY
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San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
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Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

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Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

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3343 W. MADISON ST.
NEAR GARFIELD PARK

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and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.
1153 Broadway. Cor. 15th & H. Sts

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:

We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

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16 and 16 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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For Wisconsin Delivery

OR

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

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Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

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Max Schling

NEW YORK
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Adjoining Plaza Hotel
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Omaha, Neb.

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FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

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- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Bueche, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heisl & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Lehorius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldochi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Rueter's, New London, Conn.
- Rueter's, Norwich, Conn.
- Rueter's, Westerly, R. I.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stump, G. E. M., New York.
- Walker Co., The, E., Louisville, Ky.
- Weiland, M., Evanston, Ill.
- Whitted Floral Co., Minneapolis, Minn.
- Wittbold, G., Co., 737 Buckingham Pl., Chicago.
- Wolfskill Bros. & M. Guckenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

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D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

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Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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HOLLYWOOD GARDENS
 Seattle's Leading Flower Shop
 1536 SECOND AVE.

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PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

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 Members Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
 Established 1874. Incorporated 1909.

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New York.

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761 Fifth Avenue

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Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Blackstone

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.
 WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,
 440 S. Dearborn St., CHICAGO

Telephone 2656 Established 1880
M. WEILAND

FLORIST

George C. Weiland, Proprietor
 602 Davis Street, EVANSTON, ILL.
 Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Byres, 11 N. Pearl St.
- Boston—Thos. F. Galvia, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Witthold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Lehorius.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—P. M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldeuson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvia, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewia Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClementa.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
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- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—J. T. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Hehl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
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New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell
 FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only the **Best Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN
 INC.

NEW YORK 561 Fifth Ave.
BOSTON 1 Park Street
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Deliveries to Steamers and all Eastern Ports.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Rochester, N. Y.
J. B. KELLER SONS,
 FLORISTS
 25 Clinton Avenue, N.
 Rochester Phone, 506 Long Dist. Bell Phone 2189
 Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
 1181 E. 71st St.
 The Largest Growers of Flowers in City
 Mention the American Florist when writing

Houston, Texas.
Robt C. Kerr
Floral Co.

Main and McKinney Phone, Preston 160
 Mention the American Florist when writing

Toledo, O.
Mrs. J. B. Freeman
 (Successor to Geo. A. Heidl)
 336 Superior St., Toledo, O.
 Both Phones, 527.
 Special attention to Mail and Telegraph Orders.
 Member of The Florists' Telegraph Delivery.
 Mention the American Florist when writing

DULUTH FLORAL CO.
 200 miles in any direction. DULUTH, MINN.
 We are the center of the great Northwest. Daily deliveries to Superior, Wis.
 Mention the American Florist when writing

Newark, Ohio.
CHAS. A. DUERR.
 Member of Florists' Telegraph Delivery.
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TERRE HAUTE, IND.
THINK OF HEINL'S
 Mention the American Florist when writing

St. Louis, Mo.
 WIRE
Grimm & Gorly
 Mention the American Florist when writing

KANSAS CITY, MISSOURI.
Rock's
FLOWERS
 Members Florists' Telegraph Delivery Ass'n

CHICAGO
W. Mangel
 The Palmer House Florist
 17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
 1133 O St., LINCOLN, NEB.
 Will fill orders for the West on short notice
 Trade discounts. First-class stock.
 Mention the American Florist when writing

GEORGE RYE
 "Some Florist"
 The Plaza, Ft. Smith, Ark
 Mention the American Florist when writing

Springfield, Ill.
A. C. Brown
 217 South Fifth Street
 Springfield, Ill.
 Mail and telegraph orders given prompt attention.

DENTON FLORAL CO., DENTON, TEX.
 S. W. KANADY, Mgr.
 Careful attention to packing for deliveries to all Southern and Middle States.
 Mention the American Florist when writing

LEWIS HENDERSON, Florist
 1814 Douglas St., OMAHA, NEB.
 Member Florists' Telegraph Delivery Ass'n.
 Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas
 Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.
 Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
 Members of The Florists' Telegraph Delivery.

Portland, Maine.
Floral Designs and
Choice Cut Flowers
 Portland Flower Store
 631 Congress St.

NASHVILLE, TENN.
JOY FLORAL COMPANY
 Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
 Artistic Floral Work and Long Stem
 Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
 Cut Flower Merchants.
 We solicit telegraph orders. Regular trade discount
 229 WEST THIRD STREET

Colorado Springs, Colo.
 Orders Carefully Executed
Pikes Peak Floral Co.
 Wholesale and Retail
 Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
 Choice Cut Flowers and Designs on short notice.
 Prompt attention to telegraph and telephone orders.
 Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
 will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
 Wholesale and Retail Florist of GRAND RAPIDS
 Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.
H. W. BUCKBEE.
 Member of The Florists' Telegraph Delivery.
 Mention the American Florist when writing

YOU SHOULD ORDER BOXWOODS NOW

—because here is a very live seller for this time of the year. To offer Boxwoods now is to give your patrons something that they want. It will also give you a reputation for progressiveness in following the latest tendencies, for Boxwoods are very popular.



THIS HANDSOME Newspaper cut free to Wittbold patrons who place an order for \$10.00 worth of Boxwoods.

We also have a complete newspaper ad on Boxwoods, a cut of which will be furnished free with each \$15.00 order for Boxwoods. For full details see page 773, American Florist of Oct. 30.

We offer the following choice, hardy, selected Boxwoods—

- Bushes, 10 to 12-inch.....\$0.25 each
- Bushes, strong 12-inch35 each
- Bushes, 15 inch..... .60 each
- Bushes, 18-inch 1.00 each
- Standard Globes, with short stems,
16 to 18-inch heads..... 4.00 each
- Standards, 12 to 18-inch stems,
15 inch crowns 2.00 each
- Pyramid Box, 24-inch..... 2.50 each

It will pay you to make up your order and send it today

—AND CYCLAMEN AND HYDRANGEAS WILL BE WINNERS TOO



Cyclamen.

IT is unnecessary to remind you of the popularity of Cyclamen as a Christmas plant—but the all important question is are you prepared to meet the demand that is so largely increasing with each holiday season.

It will surely pay you to be prepared - and to fortify yourself with an assortment of these **WITTBOLD QUALITY GROWN CYCLAMENS** is assurance of complete satisfaction on the part of your customers. In the best strains and varieties we offer the following:—

- 3-inch, mixed colors.....\$ 8.00 per 100; \$ 75.00 per 1000
- 3-inch, separate colors..... 9.00 per 100; 80.00 per 1000
- 4-inch, mixed colors..... 15.00 per 100; 140.00 per 1000
- 4-inch, separate colors..... 16.00 per 100; 150.00 per 1000
- 5-inch, separate colors..... .30c each
- 6-inch, separate colors..... 50c each



Hydrangea Hortensis.

TO meet the increasing demand for these favorite plants we have largely increased our stock this season. We offer for immediate shipment the well-known Otaksa and also an assortment of the best French varieties.

- OTAKSA**—5-inch, 3 in a pot..... per doz., \$3.60
- French Varieties**—5-inch, 3 in a pot, per doz. \$4.20

THE GEO. WITTBOLD CO.
739 Buckingham Place, Long Distance Phone CHICAGO
 Graceland 1112

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

THE annual meeting of Indiana canners is scheduled for November 11 at the Claypool hotel, Indianapolis.

NORTHERN grown seed of early varieties of sweet corn will probably be scarce and higher the coming season.

FRITZ VON DIPPE, oldest son of Fr. von Dippe, Quedlinburg, Germany, died of his war wounds August 10, age 29 years.

BOUQUET GREEN supply is reported from northern districts as accumulating under the auspices of very favorable weather.

CINCINNATI, O.—B. W. Dulaney, of J. Chas. McCullough who has been confined to his home with severe lumbago is slowly recovering.

VISITED CHICAGO: C. C. Massie, of Northrup, King & Co., Minneapolis, Minn.; Jessie M. Good, seedswoman, Springfield, O.; Theo. Cobb, of D. M. Ferry & Co., Detroit, Mich.

B. HAMMOND TRACY is certainly "getting the jump" on other gladiolus growers when he starts his advertising campaign in the November magazines with "Christmas Gift Box of Gladioli."

P. A. BONVALLET & Co., of Wichert, Ill., have acquired A. E. Kunderd's growing stock of Myrtle and Mrs. Frank Pendleton gladioli. A. Henderson & Co., Chicago, are this firm's selling agents.

MINNEAPOLIS, MINN.—Announcements are out for the wedding of L. M. King, of Northrup, King & Co., and Miss Helen Dunwoody Abbott, daughter of Doctor and Mrs. Abbott of this city, November 27.

ALBERT DICKINSON, the veteran Chicago seedsman, reached his seventy-third birthday anniversary October 28. His old-time friend, Henry Nungesser, came on from New York to help him celebrate the occasion.

NEW YORK.—Vaughan's Seed Store is receiving this week a good big consignment of Dutch bulbs secured early in October through their traveler, C. N. Jackman, who was then in Holland. This firm reports spiraea and Colvilli gladioli also in stock.

SOME sections in the west, and most in the northwest, will have to use last year's crop of field seed corn. This will reduce the available quantity of high germination seed very materially because cribbed corn in the west usually loses a good deal of its vitality during the winter months.

CHICAGO.—Prices for grass seed on the Board of Trade, November 3, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—Vaughan's Seed Store is receiving large shipments of Chinese lily bulbs this week, some having fortunately escaped the Seattle pier fire, where they were unloaded, by 24 hours.

BUFFALO, N. Y.—Horace J. Harvey, one of the founders of the Harvey Seed Co., this city, died October 30, age 78 years. Mr. Harvey retired from the seed business many years ago to engage in other lines.

THE annual meeting of the Wholesale Seedsmen's League will be held the last week in November, probably the 25th, definite date to be fixed by President Bruggerhof as soon as a meeting place has been secured.

LOS ANGELES, CALIF.—F. J. Poor and L. D. Rising have organized the Western Seed Co., doing a general seed business at 116-118 East Seventh street. Both members of the firm have been engaged in the seed trade with other houses for a number of years and are familiar with all lines of the business.

A. D. HEFFRON, of the Albert Dickinson Seed Co., Chicago, it is reported, will be married to Miss Lina E. Brown, of Detroit, Mich., November 6. It is also stated that Mr. Heffron's daughter, Helen, is soon to announce her engagement to a young Minneapolis professor and that Arthur, Jr., will announce his engagement with Miss Helen Barker.

DUTCH BULB scarcity continues, and although consignments arrived this week in New York there are no extras known at this writing. Crocus, snowdrops and jonquils are very scarce items of the cheaper kinds of bulbs and are practically unobtainable. Named tulips in the distinct colors, scarlet, yellow and pink, are apparently wanted in much larger lots than are available.

W. Atlee Burpee.

The Philadelphia Evening Telegraph of October 27 gives W. Atlee Burpee's portrait in its Men of Affairs department with the following notice: "Mr. Burpee was born April 5, 1858, at Sheffield, New Brunswick. When a child he was brought to Philadelphia by his parents. He was educated at the Friends' School and the University of Pennsylvania. In 1876 he entered the seed industry. The firm of W. Atlee Burpee & Co. is now the largest mail order seed business in the world. He is a director of the Market Street National Bank and the Northern Trust Co. He has held high offices in the Wholesale Seedsmen's League, the American Seed Trade Association, National Sweet Pea Association of America, and National Sweet Pea Association of Great Britain. His clubs are the Union League, Art, University, City, Racquet, Bachelors' Barge and Poor Richard of Philadelphia, the Lansdowne Country, Merion Cricket, and National Arts and City Clubs of New York."

Mr. Burpee has been in poor health and does not mend as his friends would like. He is taking an entire rest from business.

Northrup, King & Co. to Build.

A deal was closed last week whereby Northrup, King & Co., Minneapolis, Minn., purchased of the Pillsbury heirs eight acres of land on Central avenue between Fourteenth and Eighteenth avenue N. E., lying between the right of way of the Great Northern and Northern Pacific roads. The consideration paid is not made public, but it is one of the choicest locations for warehouse and manufacturing purposes that can be acquired in the city. This property is to be improved next spring to care for the jobbing and general seed business of the company. The property purchased includes 1,800 feet of Great Northern trackage and 500 or 600 of Northern Pacific trackage, together with Burlington tracks. This is the largest trackage deal in the city this season.

Bean Seizures by Government Explained.

The department of agriculture has been requested by many growers and shippers to define its position with respect to the application of the federal food and drugs act to the transportation in interstate commerce of dry pea or navy, medium, and kidney beans. These requests have been prompted by the action of the department in recommending seizures of "cull" beans in sacks and of beans in cans which were found upon examination to contain considerable percentages of beans which were wholly or in part filthy, decomposed or putrid. Under the federal food and drugs act, beans, in common with other articles of food, are adulterated if they consist "in whole or in part of a filthy, decomposed, or putrid animal or vegetable substance." "Cull" beans, in the opinion of the department, usually contain considerable percentages of beans which are wholly or in part filthy or decomposed and are therefore adulterated. The shipment in interstate commerce of such beans for food purposes is prohibited by the act. No objection is entertained, however, to the interstate shipment of "cull" beans for industrial purposes or for use other than as food for man if they are first treated by grinding or otherwise so as to render them unavailable for use as food for man. The department is informed that dry pea or navy, medium, and kidney beans intended for use as food for man are sent customarily by the growers to elevators where the beans are sorted by hand-picking so as to eliminate the beans which are wholly or in part filthy, decomposed, or putrid. It has been represented that in the process of hand-picking nearly

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

Mammoth Auction Sales of Boxwoods, Rhododendrons, Rose Bushes, Bulbs, Etc., from Holland, also Local Consignments of Palms, Ferns, Rubbers, Evergreens, Perennials, etc.

Regular Salesdays Tuesdays and Fridays of each week at 11 o'clock, a. m.

all moldy or musty beans are removed, but that it is not practicable to remove all beans which are slightly decomposed. The department has not recommended the seizure of dry and mature pea or navy, medium, or kidney beans which have been hand-picked in accordance with good commercial practice.

New York Imports.

Heavy consignments of azaleas and other plants and bulbs reached this port October 31 on the steamships Rotterdam and Westerdike. A great amount of this stock was consigned to brokers and forwarding agents. A noteworthy arrival was 1,980 bags of sugar beet seed from Germany. It was understood some time ago that the British authorities would permit the shipment of this commodity because it could not be procured in any other country. Relating to condition of plants it can not be definitely stated how they will all yet turn out. It is evident that at least some of the bay trees and some azaleas are in poor condition. Shipments received by well known horticultural dealers and growers follow:

Vaughan's Seed Store, 46 cases plants.

McHutchison & Co., 314 cases plants.
H. Frank Darrow Co., 77 cases plants.

Ralph M. Ward & Co., 54 cases plants.

Bobbink & Atkins, 79 cases plants.
Chas. F. Meyer Corp., 40 cases plants.

MacNiff Hort. Co., 96 cases plants.
Julius Roehrs Co., 30 cases plants.

Shipments were also received by Chas. Schwake & Co., Wm. Elliott & Sons and other dealers.

During the week ending October 30 imports were received from Leith, Scotland, as follows:

Wm. Elliott & Sons, 40 bags soot, 20 bags vegetable manure.

A. T. Boddington Co., 80 bags vegetable manure and soot.

Whitney, Eckstein Seed Co., 9 sacks seed.

Loewith, Larson & Co., 120 bags seed.

Stump & Walter Co., 10 bags soot.

W. E. Marshall Co., 20 bags soot.

Burnett Bros., 50 bags soot.

Weeber & Don, 40 bags soot.

To order, 1,638 barrels seed.

Additional imports at New York October 30 included:

Vaughan's Seed Store, 48 bags fertilizer from London, Eng., and six packages plants from London, for others.

Seeds (flaxseed not included) to the value of \$50,065 were in bond October 1, 1915.

Lilium Candidum

Extra fine Northern-grown Bulbs—Just Arrived. 100, \$6.50; 1000, \$60.00.

Holland Bulbs

Stock now ready for distribution.

Hyacinths, Tulips, Narcissi, Etc.

Florists' Fall Bulb Catalogue mailed for the asking.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,

COLD STORAGE VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$3.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

SPIRÆA

From Cold Storage Per case
Gladstone, white, 100 to case.....\$6.50
Queen Alexandra, pink, 100 to case..... 7.50

LILIES (New Crop)

Longiflorum Multiflorum, 9 to 10 in., 200 to case.....per case, \$19.00

Write for our Fall Trade Catalogue.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
411-413 Washington Ave., ST. LOUIS, MO.

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

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Growers of Pedigree Tomato Seeds Baltimore, Md.

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Seedsmen requiring the very best selections

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**Kelway's Celebrated
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Specialties: Pepper, Egg Plant, Tomato,
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James Vick's Sons

Seedsmen, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

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No Time Like The Present. Decide Now Upon The Best.

Chrysanthemums

For next season's planting. The four best for October flowering are: Golden Queen—For the first two weeks. Crystal Gem—White, for second week. Marigold—Bright yellow, third week. Early Frost—A new early white of last season's. Are booking orders now for January, February and March delivery, rooted cuttings at \$7.00 per 100; \$60.00 per 1000.

Novelties for 1916. Early Rose—A bright rose pink. C. S. A. Certificate, October 16th. Best early pink for October 1-20th 50c each; \$4.00 per 10; \$30.00 per 100. **October Queen**—Purest glistening white, maturing October 20th. 4 feet. Excellent upright growth with beautiful foliage. C. S. A. Certificate. 50c each; \$4.00 per 10; \$30.00 per 100. **Tiger**—(Exhibited as 111-13 and named by Pres. Wilson.) A seedling from Chrysolora. Bright yellow, fine incurved form good from any bud after Sept. 1st, semi-dwarf, fine stem and foliage. C. S. A. Certificate. 50c each; \$4.00 per 10; \$30.00 per 100. Delivery on or before March 1st.

All other varieties both new and old furnished at popular prices.

ELMER D. SMITH & CO., - **Adrian, Mich.**

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Ex Cold Storage

NEW YORK or CHICAGO

Finest Grade of GERMAN and DANISH PIPS

ASK FOR PRICES

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IN proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.

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Natural—Four standard grades.

Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

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Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

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We have poinsettias, Azaleas Cincinnati, Lorraine Luminosa Chatelaine and four other blooming varieties of Begonias, Cyclamen, Cinerarias, Obconica, Chinese, Forbesii and Malacoida Primroses, C. Peppers and J. Cherries, all in fine shape.

Anything you want for Christmas write us.

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Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

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Specialties: Beets, Mangoes, Carrots, Cabbages,
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Growing Crops Given Personal Attention.

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Philadelphia

Wholesale Price List for Florists
and Market Gardeners

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42	4.00
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5 1/2 ft., heavy.....	5 to 5 1/2 ft.	10.00
12-in. cedar tub, 4 plants in tub, 5 1/2 to 6 ft., heavy.....	5 1/2 to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft.	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft.	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28-in. high.....		1.00

Kentia Belmoreana

	Leaves	In. high	Each Per doz.
2 1/2-in. pot.....	4	8 to 10.....	\$1.50
3-in. pot.....	5	12.....	2.00
4-in. pot.....	5 to 6	15.....	\$0.40 4.50
5-in. pot.....	6 to 7	18.....	.50 6.00
6-in. pot.....	6 to 7	24.....	1.00 12.00
6-in. pot.....	6 to 7	26.....	1.25 15.00
6-in. pot.....	6 to 7	28 to 30.....	1.50 18.00
7-in. cedar tub.....	6 to 7	34 to 36.....	2.50 30.00
9-in. cedar tub.....	6 to 7	48 to 54, very heavy.....	6.00
9-in. cedar tub.....	6 to 7	5 ft., very heavy.....	8.00
9 in. cedar tub.....	6 to 7	6 ft., very heavy.....	10.00

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa.
Jenkintown.

Palms for Sale

- 1 Areca Lutescens, 14 feet high 12 ft. spread, 29 inch tub..... \$ 75.00
- 3 Areca Lutescens, 9 feet high, 14 inch tub..... 75.00
- 1 Areca Buerli, 8 leaves, 18 inch tub..... 65.00
- 1 Kentia Forsteriana, 16 feet high, 17 leaves, 32 inch tub..... 75.00
- 1 Rhaps Flabelliformis, 6 feet high, 16 inch tub, well furnished..... 65.00
- 1 Pritchardia Pacifica, stem 12 inches in diam., about 130 years old, wonderful spec men, 18 leaves, 36 in. tub..... 1200.00
- 1 Latania Barbonica, 15 leaves 29 inch tub..... 75.00
- 1 Alsophila Australis, 9 feet high, large head, 24 inch tub..... 40.00

Mrs. George Howard Lewis
533 Marine Bank Building
BUFFALO, N. Y.

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Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers
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J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corn

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THE G. HERBERT GOY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

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FALL PRICE LIST

ROSES

"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY.
SPRINGFIELD-OHIO.

Araucaria Excelsa



ARAUCARIA EXCELSA.

CANNA FIREBIRD, ready now. 25 or more, 20c each.

VAUGHAN'S SEED STORE,

43 Barclay St., NEW YORK.

31-33 W. Randolph St., CHICAGO

Greenhouses: Western Springs, Ill.

5-inch pots, 2 feet high, with 5 whorls, \$1.00 each.

6-inch pots, 2 feet 6 inches high, with 6 whorls, \$14.00 per doz.; \$1.50 each.

CYCLAMEN

Assorted Colors

4-inch, large plants, ready to flower, \$20.00 per 100.

Move your needs in
Holiday and Winter
Plants before freezing
weather.

Seedling Pansies

In mixed colors or separate white, yellow and purple, at

\$4.00 per Thousand.

This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,

Sutphin Road and Rockaway Boulevard
JAMAICA, N. Y.

Trade Directory

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This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applications should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

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A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

DANVILLE, N. Y.—It is estimated that local nurserymen, who have about finished budding, have made plantings of over 2,000,000 trees.

LOUISVILLE, KY.—If the plans of J. E. Barton, state forester, materialize, a willow plantation will be established at the state nursery in this city.

MCKINNEY, TEX.—The McKinney Nursery Co. has been granted an amendment to its charter whereby the capital stock is increased from \$20,000 to \$30,000.

MACON, GA.—The city park commission has planned to ask the city for 10 acres of land which will be used as a nursery for flowers and shrubbery for the park needs.

GROWERS of citrus fruit in Alabama and Florida are in accord that the United States government should appropriate \$2,000,000 to eradicate citrus canker from that section.

NEW ORLEANS, LA.—As the lease on the property expires next year, the greenhouses of the Rosebank Nursery, destroyed in the recent storm, will not be rebuilt, until a new location is selected.

NORWICH, CONN.—O. E. Ryther has assumed active control of the Norwich Nurseries. S. Hartridge, who formerly managed the establishment, is now in charge of the greenhouses of Mrs. Thos. Peabody.

ONE of the well known French nursery concerns suggests that high freight rates are likely to continue long after the war and that the great shortages of European stocks on account of labor scarcity will really set in next year.

Euonymus Radicans, Var. Vegetus.

Attention is again called to this form of a well known plant from Japan, for the plants in the euonymus group on the Meadow road are now covered with their handsome fruit; this is pale yellow or nearly white, and as it ripens the bright orange color of the seeds is displayed. This northern variety is the best for general cultivation in this climate as it appears to be hardier than more southern forms; the leaves are broader and it flowers and fruits much more freely; indeed it is the only form which produces much fruit in the arboretum and the fruit adds greatly to the beauty of the plants. Like the other vigorous growing varieties it may be grown against a wall to which it clings firmly or as a broad, round-headed bush. There is a form of this euonymus with leaves hardly a quarter of an inch long and known both as var. minimus and as var. kewensis, which appears to be still little known in the United States. It is a good plant for the rock garden and for the margins of garden walks. The form from western China

discovered by Wilson, var. acutus, has narrower pointed leaves distinctly veined below. Here in the arboretum the plants of this form lie flat on the ground and show no tendency to rise and form a bush. They have proved perfectly hardy, but have not flowered yet. A mat of these handsome Chinese plants can be seen among the other Chinese plants on the southern slope of Bussey Hill. If this form retains in cultivation the prostrate stems of its present state it may prove an excellent subject for covering the ground under trees and shrubs.—Arnold Arboretum Bulletin.

Monmouth County, N. J. Hort. Society.

The eighteenth annual exhibition of the above named society was held in St. James' hall, Red Bank, October 27-28. The number of exhibitors was not as large as might have been expected, nevertheless the quality of the stock was good. In the class for 24 cut blooms, distinct varieties of chrysanthemums, the first prize went to G. R. Kuhn, gardener to H. S. Borden. In this collection we noticed blooms of the following: Mrs. J. E. Dunne, bronze; Hon. Mrs. Lopes, yellow; Mrs. W. E. Tricker, very light pink; Lady Hopetown, pink; Mrs. John Purroy Mitchel, white; Chrysolora, yellow; Mrs. Elizabeth Drabble, white; Mary Mason, bronze, and Nakota and A. S. Baldwin, both large yellow blooms. The second prize in this class was awarded to Wm. Dowlen, gardener to F. Achelis. This was also a creditable exhibit.

Special prizes were offered for the best table of orchids, and the first prize went to Frank C. Honeyman, gardener to B. H. Borden; the second to G. R. Kuhn, gardener to H. S. Borden.

For best group of ornamental foliage plants, arranged effectively in 100 square feet of space, F. C. Honeyman was first and G. R. Kuhn, second.

W. A. Manda, South Orange, N. J., exhibited a collection of his dahlias. W. W. Kennedy & Sons, Red Bank, made an effective display of Jerusalem cherries, arranged in a star shaped bed. The Robert Craig Co., Philadelphia, Pa., exhibited their new fern, John Wanamaker. A. F. F.

BROOKLINE, MASS.—Olmsted Bros., landscape architects, have been employed to plan the new estate of A. T. Hert, Louisville, Ky.

ROCHESTER, N. Y.—Local exposition authorities are inviting the American Gladiolus Society and the American Dahlia Society to hold their annual meetings and exhibitions here during the week preceding Labor day next year.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

MANETTI ROSE STOCKS

ENGLISH OR FRENCH

Write me for prices, etc.

John Watson, Nurseryman, Newark, New York

ROSES, CANNAS Shrubbery THE CONARD & JONES CO., West Grove, Penna.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.

Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

PEONIES

25 Acres—Best Varieties.

Write for Prices.

Gilbert H. Wild, Sarcoxie, Mo.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carlodas a Specialty.

—ALSO—

Amor River Privet, Berberis Thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
N. J.

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the American Florist Co.'s Trade Directory. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

Order NOW for prompt delivery and early grafting, out of first arrivals.



LILIUM FORMOSUM.

See Our Cleveland Display.

DUTCH BULBS

Of these we carry a general stock for SEEDSMEN, FLORISTS and NURSERYMEN. Write us for general list.

LILIUM FORMOSUM

Best Selection Ever Brought In. Consider These Prices. Per 1000

7-9 inch (250 bulbs to case).....	\$55.00
8-9 inch (225 bulbs to case).....	65.00
9-10 inch (180 bulbs to case).....	75 00

LILIUM GIGANTEUM (New Crop)

Now Ready For Shipment. Per 1000

7-9 inch (300 to case)	\$48.00
8-9 inch (250 to case).....	65.00
8-10 inch (225 to case).....	80.00

COLD STORAGE LILIES

Plant now for January cut blooms.

Giganteum, 7-9 inch (300 bulbs to case).....	Per case \$15.00
Giganteum, 9-10 inch (200 bulbs to case).....	16.50

GLADIOLUS (Colvillii Types)

Blushing Bride.....	Per 1000 \$5.00
Peach Blossom.....	7.50

Spirea Clumps Now Arriving.

Visitin g Florists at Chicago Show are Cordially Invited.

VAUGHAN'S SEED STORE CHICAGO NEW YORK

GERANIUMS

Strong 2-inch stock.

Nutt, Dagata, Ricard, Red Wing, Viaud, La Favorite, Jaulin, Perkins and Oberle, \$2.00 per 100, \$18.50 per 1000.

Ruby (best dark red) Gen. Wayne, Frenot, Dryden, Annie Vincent, Hill, Atlantis, Luigi Grandi and Poitevine. \$3.00 per 100, \$25.00 per 1000.

SEND FOR CATALOGUE OF GERANIUMS

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MISS THEO

Received a special prize at the recent flower show held in Boston. Have you placed your order? Rooted cuttings, \$12 per 100; \$100 per 1000.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

CARNATIONS

F. DORNER & SONS CO.,

LaFayette. - - Indiana

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

PRIMROSES

Forbesii, Obc. Alba, Rosea and	Per 100
Ruby, 2 1/4 in pot	1.50
Obc. Gigantea, 2 1/4 in. pot.....	2.00
Asp. Plumosus, 2 1/4 in. pot, \$17.00	
per 1000.....	1.75
Asp. Sprengeri, seedling, \$5.00	
per 1000.....	1.00
Vinca Var., field plants.....	4.00
Pansy Plants, giant flowering,	
\$2.50 per 1000.	

—CASH—

Jos. H. Cunningham, DELAWARE, OHIO.

MISCELLANEOUS STOCK.

Poinsettias, A-1 stock, 4-in., 10c; 5-in., 20c;	
6-in., 45c	
Adiantum Croweanum, 3-in., 5c; 4-in., 8c.	
Hydrangea Ot.k a. Strong field growa, 1 to 6	
shoots, 2 1/2 c a shoot.	
Violets, Gov. Herrick. Field growo clumps,	
\$4.00 a hundred.	

Will prepay express east of Mississippi.

SCHLURAFF FLORAL CO. ERIE, - PENNA.

WE NEED ROOM

Liberal extras for early orders. Special prices.

Size of pots	100	1000
2 1/4-in. Asparagus Plumosus.....	\$2.50	\$22.50
4 -in. Asparagus Plumosus.....	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2 1/2-in. Begonia, Flowering, 12 kinds.....	5.50	50.00
2 1/2-in. Begonia Chatelaine.....	5.00	45.00
4 -in. Begonia Chatelaine.....	8.00	75.00
2 1/4-in. Chinese Primroses. 30 kinds.....	3.00	25.00
4 -in. Chinese Primroses.....	7.50	70.00
2 1/4-in. Cinerarias. Choice mixed.....	2.50	22.50
2 1/4-in. Coleus. 15 varieties.....	2.50	22.50
2 1/4-in. Cyclamen. Eight varieties.....	4.50	40.00
3 -in. Cyclamen. Fine plants.....	7.50	70.00
2 1/4 in. Double Petunias.....	2.75	25.00
2 1/4-in. Primula Obconicas. Choice		
mixed	2.50	22.50
3 1/2 in. Primula Obconicas.....	6.00	55.00
2 1/4-in. Geraniums. 15 varieties.....	2.25	20.00
3 1/2-in Stevia. Dwarf or tall.....	7.00	65.00
2 1/2-in. Smilax. Large plants.....	2.50	22.50
4 -in Ferns. Boston, Scottii, Whit-		
mani, Roosevelt, Scholtzli	20.00	
5-6-7-in Dracaena Indivisa, \$15.00, \$20.00, \$25.00		
per 100		

Pansy Pl-nts. \$4.00 per 1000

Violet Plants. Field grown, Princess of Wales, \$5.00 per 100 \$45.00 per 1000

Abundance of Stock. Correspondence solicited

ALONZO J. BRYAN Wholesale Florist, WASHINGTON, N. J.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

CHICAGO.—The National Conference on Marketing and Farm Credits will hold its third meeting in this city November 29-December 2.

JOHNSTOWN, PA.—H. W. Mittenberger has acquired full interest in the Mishler Truck Farm and will conduct same in future under the name of the Valley Produce Co.

STREATOR, ILL.—The greenhouse establishment of the Davis-Steiner Co., near this city, was damaged by fire October 27, to the extent of \$3,000. The damage to buildings was only about \$100, but the crop of cucumbers suffered by smoke and water.

Prices of Indoor Fruits and Vegetables.

Chicago, November 2.—Mushrooms, home grown, No. 1, 20 to 35 cents per carton; lettuce, cases, 7 to 8 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 50 cents to \$1.00; tomatoes, four baskets, \$1.50 to \$1.60; cucumbers, dozen, \$1.00.

New York, November 2.—Celery, per bunch of 12 stalks, 10 to 35 cents; cucumbers, 75 cents to \$1.50 per dozen; mushrooms, 75 cents to \$1.75 per 4-pound basket; tomatoes, 75 cents to \$1.25 per 10-pound basket; radishes, per 100 bunches, 25 cents to 50 cents; lettuce, per basket, 15 cents to 65 cents.

Celery Blight.

The market for good celery is stronger at present than it has been for years at this season. There is only one explanation for this, and that is much of the celery planted this summer has been lost by floods, wash-outs, and inability of growers to spray thoroughly. In our own locality there is any amount of Golden Self Blanching celery so damaged by blight as to be almost worthless. Coupled with this condition is a scarcity of labor, which makes it very doubtful if those poorer fields are worth handling. We wish to impress upon growers that there is no use to attempt to bleach and market celery too far gone by blight, as blighted foliage immediately decays when darkened. However, we have taken a long chance late in the fall with such stock, and if the weather continues mild, have seen it recover wonderfully, and almost the last minute turn out marketable. What such celery needs at this time is thorough cultivation to ventilate the soil and a slight but rather loose hilling, just enough to protect the hearts from the first freezes. If such celery responds to this treatment the hilling should be continued gradually, but under no circumstances can anything be accomplished by completely banking up such poor stock at one operation.

MARKETMAN.

Rochester, N. Y.

A week of warm, sunny weather has caused the social set to forego the usual festivities of the season for outdoor sports, and with few weddings and funerals, trade has been dull. Large shipments of dahlias of excellent quality continue to arrive and the sale of roses, carnations and chrysanthemums continues light in consequence. The rose stock is of fine quality, and while chrysanthemums are arriving in more plentiful supply the price is still high. Carnations are scarce and many of poor quality are seen, but prices hold up well. Lily of the valley and cattleyas are both good stock. The warm weather is forcing in violets. Asparagus, galax and hardy ferns are all plentiful. Pot chrysanthemums are arriving in limited numbers and are selling.

NOTES.

"National apple day" was taken advantage of by several of the local florists and a number of the window displays in which flowers were used very effectively with appropriate arrangements of apples attracted much attention. The Rochester Floral Co. designed a window with an apple tree on green turf bearing ripe fruit. In the tree was a small boy, and below, whip in hand, was the farmer and dog in miniature. H. E. Wilson, John E. Keller & Sons and Geo. T. Boucher were among others having attractive displays for the occasion.

T. C. Armbrust had a luncheon decoration at the Genesee Valley club, October 22. Dahlias in quantity were tastefully arranged with autumn foliage.

Geo. J. Keller has been cutting large quantities of dahlias of excellent quality.

CHESTER.

Cleveland.

CHRYSANTHEMUM RULES THE MARKET.

Outdoor stock is now a thing of the past, only a very little cosmos and a few dahlias arriving. "Mums" the word now. Some very excellent Wm. Turner, white, and Chrysolora are shown; also many smaller white, pink and yellow chrysanthemums for spray work and bouquets. Pompons are in good demand and the local market is pretty well cleaned up daily. Easter lilies are again more plentiful, as is lily of the valley. Violets are moving better, and stock is gradually improving. Carnations are in good demand, but the supply is rather limited. Roses are being pushed aside by chrysanthemums to a certain extent. Larkspur and snapdragons are part of daily receipts. The first boxwood of the season is now in and stock certainly looks fine. Orchids are moving only fairly well. Greens of all kinds are plentiful. The demand for stock for Hallowe'en was a great improvement over last year, sales averaging about 20 per cent more.

The J. M. Gasser Co. will donate a bronze cup, inlaid with silver, for the team scoring highest in the bowling tournament during the Cleveland fall flower show; also a silver cup for each individual player on that team. F. C. W. Brown will give a bronze and silver cup to the Rochester or Buffalo team, whichever scores highest, and also a prize for each individual bowler on the winning team.

D. H. Kent, of the Michigan Cut Flower Exchange, Detroit, stopped for a few hours recently on his way to Alliance, Ohio, where he was formerly employed by the Lamborn Floral Co. Mr. Kent's wife has been in Alliance several weeks visiting with friends.

Geo. W. Smith of the Cleveland Florists' Exchange, returned from Ft. Collins, Colo., November 1. He reports his wife is feeling fine and gaining weight at a good healthy rate.

Mrs. Rigo, 2701 Lorain avenue, who John Blechschmidt, 4300 East 122nd street, a carnation grower, is the proud father of twins, both boys. Both mother and children are doing fine. Hearty congratulations.

was injured by a street car some time ago, is home from Grace hospital now and will soon be able to be about again.

Frank Ritzenthaler of Knoble Bros. is back on the job again and he says he is feeling fine.

C. F. B.

Vegetable Plants

Lettuce and Cabbage Plants,
\$1.00 per 1000; 10,000 and over 85c per 1000
Parsley Plants, extra strong, for forcing
50c per 100; \$3.50 per 1000
R. Vincent Jr. & Sons Co., White Marsh, Md.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

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HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality
ALSO GROW LARGELY ON CONTRACT.

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The "Made in America" kind right here and available for prompt delivery at a minimum risk and expense.

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Outdoor pot-grown, 6 inch pots. Reduced prices to close out surplus—with 7 to 10 branches, **\$25.00 per 100**; with 5 and 6 branches, **\$20.00 per 100**; with 4 branches, **\$15.00 per 100**.

Bouquet Rose, rosy amber; **Gen. de Vibraye**, bright rose; **La Lorraine**, deep pink; **Mme. Maurice Hamar**, flesh pink; **Mme. E. Mouilliere**, best white; **Radiant**, rose-carmine.

Genistas

5 inch pots, compact, shapely plants, **\$20.00 per 100**. Get some of these attractive yellow-flowered plants to avoid the monotony of too much red and pink material.

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7-inch tubs, 3 plants in a tub, 36 inches high, at..... \$3.00
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9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at..... 6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at..... 7.50
- Asparagus Sprengeri**, strong 3-in.....\$ 5.00 per 100
- Bougainvillea Glabra Sanderiana**, well trimmed plants, from 4-in. pots, \$15.00 per 100; strong 5 in. pots..... 25.00 per 100
- Dracaena Terminalis**, strong 5-in. well colored.....\$7.00 per doz.; 50.00 per 100
- Hydrangeas**, French sorts, assorted, and **Otaksa**, pot-grown; 4-in. pot plants, \$15.00 per 100; 5-in. pot plants..... 20.00 per 100
- Adiantum Glory of Mordrecht**, 4-in. pot plants.....\$4.00 per doz.; 25.00 per 100
- Adiantum Croweanum**, 4-in..... 15.00 per 100
- Fern Dish Ferns**, all standard varieties..... 100, \$3.00; 1000, \$25.00
- Azaleas**, fine stock just arrived. **Mme. Petrick**, **Vervaeneana**, **Vervaeneana Alba**, **Mme. Vander Cruysen**, **Apollo**, **Simon Mardner** and **Niobe**, 12 to 14-in., at 65c; 14 to 16-in., at 75c; 16 to 18-in., at \$1.00.
- Begonia Florence Davenport**, extra fine, 5-in., at 40c; 6-in., at 60c.
- Poinsettias**, 4-in., ready to bloom, at 15c; 5-in., ready to bloom, at 25c; pans, 6-in., 5 plants to a pan, fine stock at 75c.

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SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

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New York

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Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100; \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$7.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

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BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....\$1.00 each

Pyramids, 2½-ft..... 1.50 each

Pyramids, 3 -ft..... 2.00 each

Pyramids, 3½-ft..... 2.50 each

Standard Shape, 14x14 in..... 2.50 each

Globes, 14x14 in..... 3.00 each

Heavy Bushes, 2-ft..... 1.50 each

Nice Bushes, 15-in......35c each

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CHICAGO

Special Sale of Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4-in. pans.....\$ 4.00 per doz.
- 5-in. pans..... 6.00 per doz.
- 6-in. pans..... 12.00 per doz.
- 7-in. pans..... 15.00 per doz.
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Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2¼-inch pots a Specialty.

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☞ A special train will leave Chicago, **Thursday, Nov. 11, 1915**, at 11:45, via Rock Island and return to Chicago about 5:30 p. m. Be sure and join the party. A Dutch luncheon will be served at the Greenhouses.

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Good strong plants ready for a shift or to be divided.

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Asparagus Plumosus, 2-in., \$2.50 per 100.
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Araucarias, Excelsa, 5-in., 3 to 4 tiers, 75c each; 6-inch, 4 tiers, \$1; 7-inch, 4 to 5 tiers, \$1.25; 7-inch, 5 tiers, \$1.50 to \$2. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 7-inch, 3 tiers, \$1.50; 7-inch, 3 to 4 tiers, \$2; 9-inch, 5 to 6 tiers, \$4 to \$5 each. Pochlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 5-inch, 2 ft. high, 5 whorls, \$1 each; 6-inch, 2 ft. 6 in. high, 6 whorls, \$14 per doz; \$1.50 each. Vaughan's Seed Store, Chicago and New York.

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ASPARAGUS PLUMOSUS NANUS, out of 2 1/2-in. pots, \$3 per 100; \$25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, \$5 per 100; \$45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

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2 1/2-inch ASPARAGUS PLUMOSUS and SPRENGERI at \$2 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

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Boxwood, in tubs, bush shaped, 24-inch, \$1 each; \$10 per doz. Pyramid shaped, 2 1/2 ft., \$2 each; \$3.75 per pair; 3 ft., \$2.50 each; \$4.50 per pair; 4 ft., \$4.50 each; \$8 per pair; Standard, 12-inch stem, 12-inch crown, 75c each; \$7.50 per doz.; 15-inch stem, 12-inch crown, \$1 each; \$10 per doz. Vaughan's Seed Store, Chicago and New York.

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Large named Hyacinths, 1st size, \$3 per 100. Single and Double Tulips, narcissus on hand. Send for price list of stock on hand. THOMAS COGGER, Melrose, Mass.

Bulbs, Lilium Candidum, \$6.50 per 100; \$60 per 1,000. Hyacinths, tulips, narcissi, etc. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

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CARNATION PLANTS, strong, field-grown Pink Enchantress, \$5 per 100. HENRY SMITH, Grand Rapids, Mich. Carnation Belle Washburn, \$12 per 100; \$100 per 1,000. Bassett & Washburn, 178 N. Washburn Ave., Chicago. Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

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FIELD-GROWN CARNATION PLANTS, LARGE, THRIFTY, CLEAN STOCK. WE GUARANTEE EVERY PLANT GROWN BY US WITH SPECIAL CARE, READY FOR YOU NOW.

WHITE PERFECTION	Per 1,000
PINK ENCHANTRESS	\$50.00
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COMFORT	55.00
PHILADELPHIA	70.00

600 AT 1,000 RATE.
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Enchantress and Beacon, \$5 per 100; \$45 per 1,000. Good seconds, 4c. Cash please. HARRY HEINL, West Toledo, Ohio.

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CHRYSANTHEMUM STOCK PLANTS.
Chrysolora Golden Glow
Smith's Advance White Ivory
Pacific Supreme Diana
50c per doz., \$3.00 per 100; \$25.00 per 1000.
Klondike, Mrs. Ben, Alice Salomon, \$1.00 per 100; \$35.00 per 1000.
Dr. Enguehard (Pink), Comoleto (Early Yellow), Halliday (Yellow) \$2.00 per 100.

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5 to 6-in., \$25.00 to \$35.00 per 100.
4½-in. plants, \$2.00 per doz.; \$15.00 per 100.
Zenobia Garza
Golden Climax Mensa
\$25.00 per 100.

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CHRYSANTHEMUM STOCK PLANTS.

The best of the newest introductions. Golden Queen, Crystal Gem and Marigold, 50 cents each. Exceptionally fine stock plants.

BASSETT & WASHBURN,
178 North Wabash Avenue. CHICAGO, ILL.

Chrysanthemums, Golden Queen, Crystal Gem, Marigold, Early Frost, rooted cuttings, \$7 per 100; \$60 per 1,000. Novelties for 1916: Early Rose, 50c each; \$4 per 10; \$30 per 100. October Queen, 50c each; \$4 per 10; \$30 per 100. Tiger, 50c each; \$4 per 10; \$30 per 100. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, pot-plants, 5½ and 6-inch pots, 40c, 50c and 60c each; 7-inch, 75c, \$1, \$1.25, \$1.50 and up. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

COLEUS—Xmas Red, 3-inch, \$5.00 per 100.
JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.
COLEUS. Brilliancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

CROTONS.

Crotons, 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch pots, \$1 to \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

Cyclamen Giganteum. Wandsbek type, plants nicely shaped and well budded, ready for immediate shipment; assorted or separate colors:
3½-inch \$ 10.00 per 100
4-inch 15.00 per 100
4-inch, select 20.00 per 100
5-inch 30.00 per 100
6-inch, nicely in bloom 50.00 per 100
6-inch, extra select 75.00 per 100
8-inch, exhibition plants 100.00 per 100
All our cyclamen are shipped in paper pots. Cash please.
AURORA GREENHOUSE CO., Aurora, Ill.

CYCLAMEN.		
	Per 100	Per 1,000
2½-inch	\$ 5.00	\$45.00
3-inch	8.00	75.00
3½-in. equal to 4-in.	12.50	
4-in.	15.00	
4-in., extra select	20.00	
A. L. RANDALL CO., Wabash at Lake, Chicago, Ill.		

CYCLAMEN.

CYCLAMEN GIGANTEUM—Wandsbek type—in excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and salmon colors of the improved Wandsbek: We need the space, 2½-in., \$4 per 100; 3-in., \$7 per 100; 3-in., extra selected, \$10 per 100; 4-in., \$12.50 per 100; 4-in., extra selected, \$18 per 100; 5-in., \$30 per 100. ERNEST ROBER, Wilmette, Ill.

Cyclamen, 3-inch mixed colors, \$8 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Cyclamen—No better plants on the broad earth. Plenty of Reds, Salmon Pinks, etc., 3-inch at 10c; 4-inch at 20c; 5-inch at 40c; 6-inch at 70c. Deduct 10 per cent if bank draft with order.
ELITCH-LONG GREENHOUSES, Denver, Colo.

CYCLAMEN GIGANTEUM. My prize strain all need a shift, 3-inch, 8c; 4-inch, 14c; 5-inch, 40c. All heavy plants and plenty of salmon. R. J. SOUTHERTON, Highland Park, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

CYCLAMEN, strong flowering plants, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, assorted colors, 4-inch, large plants, ready to flower, \$20 per 100. Vaughan's Seed Store, Chicago and New York.

Cyclamen, 5-inch, 50c; 6-inch, 75c; 7-inch, \$1 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, 8 vars., 2½-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen. Geo. A. Kuhl, Pekin, Ill.

DAHLIAS.

DAHLIAS, best varieties of named and rare seedlings at living prices. Also have fancy seed, 25c per packet. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, Ohio.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

CHICAGO WHITE.
One of the best.
Special strain, 2½-inch, \$4.00 per 100.
ETOILE D'OR.
2-inch, \$4.00 per 100.
JOHN KRUCHTEN CO.,
162 N. Wabash Ave., CHICAGO, ILL.

CHICAGO WHITE.
Special strain, 2½-inch, \$4.00 per 100.
ETOILE D'OR.
2-inch, \$4.00 per 100.
A. E. HUNT & CO.,
30 East Randolph Street, CHICAGO, ILL.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

BOSTON YELLOW DAISIES, 2½-inch, \$5 per 100. H. P. STRECKFUS, Syracuse, N. Y.

DRACAENAS.

50,000 extra healthy and large field-grown DRACAENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracena amabilis, 6-inch, \$1 and \$1.25 each. Terminalis rosen, 4-inch, 40c each; \$5.50 per doz.; 5-inch, 75c each; \$7.50 per doz. Godseffiana, \$1 per doz. Dieffenbachia magnifica, 50c, 75c, \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

FERNS.

Asplenium nidus avis (Birds-nest fern) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernside ferns in flats and 2½-in. a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.80 per doz.; 2½-in., \$6 per 100. Elegantisima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$6 per doz. Elegantisima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2½-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3½-in., \$3 per doz. Harrisall, 8-in., \$12 per doz. Superhissima, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varietal, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100.

F. R. Pierson Co., Tarrytown, N. Y.

100,000 good strong 2-in. Ferns: Boston, \$3.50 per 100; \$30 per 1,000. Springfield, 2½-in., \$4 per 100; \$35 per 1,000. Boston and Springfield, 3-in., \$8 per 100; Boston, 4-in., \$1.50 per doz.; \$12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO

FERNS.
Boston, 4-inch \$12.00 per 100
Boston, 5-inch 25.00 per 100
Boston, 7-inch 75c each
Scotti, 4-inch \$12.00 per 100

JOHN KRUCHTEN COMPANY,
162 North Wabash Avenue, CHICAGO, ILL.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2½-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. F. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns—strong pot-grown, 3-inch, \$5 per 100. Aspidium Tsussimense, Cyrtomium Falcatum, Pteris Serrulata Cristata, Pteris Wilsonii.
FLORACROFT GARDENS, Moorestown, N. J.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitman, 5-in., 20c; 6-in., 35c; The Geo. Wittbold Co., 737 Buckingham Place, Chicago, Ill.

Ferns, Boston, Scottii, Whitman, Roosevelt, Scholzeii, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Adiantum Croweanum, 3-inch, 5c; 4-inch, 8c. Schluhrff Floral Co., Erie, Pa.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GENISTAS.

Genistas, 5-inch pots, compact, shapely plants, \$20 per 100. Jackson & Perkins Company, Newark, New York.

GENISTA CANARIENSIS, 4-inch plants ready for a shift at 20c. R. J. SOUTHERTON, Highland Park, Ill.

GERANIUMS.

Geraniums, 2-inch stock: Nutt, Dagata, Ricard, Red Wing, Vland, La Favorite, Janlia, Perkins and Oberle, \$2 per 100; \$18.50 per 1,000. Ruby, Gen. Wayne, Frenot, Hill, Dryden, Annie Vincent, Atlantis, Luigi Grandi, Poitevine, \$3 per 100; \$25 per 1,000. F. H. DeWitt & Co., Wooster, Ohio.

Geraniums, 15 vars., 2½-in., \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

GERANIUMS, mixed varieties, out of 2½-inch pots. Am booking orders for Dec. delivery at \$20 per 1,000. Cash. JAMES MOSS, JOHNSTOWN, PA.

Geraniums, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Maryland, \$1 per doz.; \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

XMAS DECORATIONS.

Selected Box Holly, Holly Wreaths a specialty in large and small quantities. Write your requirements.

DELAWARE EVERGREEN CO.,
MILTON, DELAWARE.

Greens, dagger and fancy ferns, 80c per 1,000; case of 5,000, \$3.50. Green galax, 50c per 1,000; case of 10,000, \$4. Green leucothoe long, \$2 per 1,000; short, \$1 per 1,000. Rhododendron leaves, 50c per 1,000. Elk Galax & Fern Co., Bannera Elk, N. C.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

ASPARAGUS PLUMOSUS, medium length sprays, \$1.25 per 100. Cash. BERNO FLORAL CO., Orlando, Fla.

Holly Wreaths. W. G. Williams & Son, Selbyville, Del.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emans, Newton, N. J.

HOLLYHOCKS.

HOLLYHOCKS in separate colors and mixed; fine large plants, \$6 per 100; smaller plants, \$4 per 100. Cash. JAMES MOSS, JOHNSTOWN, PA.

HYDRANGEAS.

Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chautard, Senateur Henri David, Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$6 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

New French hydrangeas, out-door, pot-grown, 6-inch pots, 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20 per 100; 4 branches, \$15 per 100. Bouquet Rose, Gen. de Vibraye, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere, Radiant. Jackson & Perkins Company, Newark, New York.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangea Otaksa, strong field-grown 1 to 6 shoots, 2 1/2 c a shoot. Schluraff Floral Co., Erie, Pa.

HYDRANGEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises. Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Jerusalem cherries. Geo. A. Kuhl, Pekin, Ill.

LILY OF THE VALLEY.

From Storage.

Cold Storage Valley, Brun's Celebrated Chicago Market Brand, best to be had in Valley, giving the best results all year round, \$18 for 1,000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100. Florists' Money Maker, best Valley at moderate prices. \$16 for 1,000; \$8.50 for 500; \$4.50 for 250; \$2.00 for 100. H. N. Bruus, 3032 Madison St., Chicago.

LILY OF THE VALLEY.

Lily of the valley, from cold storage. New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage. New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechner & Co., Inc., 11 Warren St., New York.

MANETTI.

MANETTI ROSE STOCKS, English or French. Order now for prompt delivery and early grafting, out of first arrivals. Write for prices, etc. JOHN WATSON, Nurseryman, Newark, New York.

MISCELLANEOUS.

Alyssum, alteruantheras, Begonia Vernon, mixed; coleus, fuchsias, heliotrope, lantanas, lemon verbenas, moonvines, petunias, angle and double; Salvia Bonfire, swainsona, \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 per 1,000 for 3-inch. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Polypodium Mandianum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubbed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantville, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogoto (Chapinero), Columbia.

PALMS.

KENTIA BELMOREANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	.....\$ 0.40
6-inch pots,	6 to 7,	24	..... 1.00
6-inch pots,	6 to 7,	28 to 30	..... 1.50
6-inch pots,	6 to 7,	32 to 34	..... 2.00
7-inch pots,	6 to 7,	36	..... 3.00
8-inch tubs,	6 to 7,	38	..... 3.50
8-inch tubs,	6 to 7,	48	..... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot,	24 ins.	.....\$ 1.50
7-inch pots, 3 plants in a pot,	38 ins.	..... 3.50
Specimens, very heavy	.....	\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

	Leaves.	Inches high.	Each.
6-inch pots,	5 to 6,	28 to 30	.....\$ 1.00
6-inch pots,	6 to 7,	34 to 36	..... 1.50
6-inch pots,	6 to 7,	38 to 42	..... 2.00
6-inch pots,	6 to 7,	44 to 46	..... 2.25
8-inch tubs,	6 to 7,	50 to 54	..... 5.00
8-inch tubs,	6 to 7,	5 ft.	..... 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	..... 8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	..... 10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
7-inch pots, 3 plants in a pot,	28 to 30	2.00
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 4 plants in a tub,	50	5.00
8-inch tubs, 4 plants in a tub,	56 to 58	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5 1/2 ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00
Very strong specimens, 15-inch tubs,	5 plants,	\$15.00, \$18.00 and \$25.00.

PHOENIX ROBELEENII.

	Each.
7-inch pots, 22 ins. high, 30 to 32-in. spread	.....\$2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	..... 2.50
8-inch tubs, grand specimens	..... 3.50
10-inch tubs, grand specimens	.....\$5.00 to 7.00

ARECA LUTESCENS.

7-inch pots, 3 plants in a pot	..... 2.00
8-inch tubs, 5 plants in a tub	..... 3.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSY SEEDS—Finest German Giant-Gold Medal Strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz., 1/4 oz., \$3; trade packet, \$1. Common Giant, mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. PANSY SEEDLINGS, Gold medal strain, 50c per 100; \$4 per 1,000. Transplanted, finest mixture, 75c per 100; \$6 per 1,000. ERNEST ROBER, Wilmette, Ill.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSTOWN, PA.

PANSY PLANTS, BEST GIANTS. They combine the choicest large-flowered aorta; both European and American growers; extra strong, \$3 per 1,000. Express prepaid. GLOBE GREENHOUSES, Secord Ave., Munroe and Garfield Sts., Denver, Colorado.

PANSY PLANTS, mixed varieties in bud and bloom, \$15 per 1,000. Cash. JAMES MOSS, JOHNSTOWN, PA.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$1 per 1,000. A. L. Miller, Jamaica, N. Y.

PANSY PLANTS for the benches, nice, stocky plants, \$5 per 1,000; 5,000 or more, \$4 per 1,000. Cash. JAMES MOSS, JOHNSTOWN, PA.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veltchil, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. 25 acres, best varieties. Write for prices. Gilbert H. Wild, Sarcoxie, Mo.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

XMAS PEPPERS, extra fine plants, full of berries, 4-inch at \$10 per 100. Also Jerusalem Cherries, 5-inch at \$15 per 100. ELITCH-LONG GREENHOUSES, Denver, Colo.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Christmas peppers. Geo. A. Kuhl, Pekin, Ill.

POINSETTIAS.

POINSETTIAS.

	100	1,000
2500 2 1/2-in. good plants	.....\$4.00	\$37.50
2 1/2-in. extra select	..... 5.00	45.00
3-inch	..... 8.00	70.00

A. L. RANDALL CO., Chicago, Ill.

POINSETTIA HEADQUARTERS—All top cuttings. 2 1/2-inch, strong stock, \$4 per 100; \$37.50 per 1,000; 3-inch, \$8 per 100; 4-inch strong stock, \$15 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Poinsettias, 4-inch, 10c; 5-inch, 20c; 6-inch, 35c. Schluraff Floral Co., Erie, Pa.

POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Poinsettias. Geo. A. Kuhl, Pekin, Ill.

PRIMULAS.

Primroses, Chinese, 2 1/4-in., \$3 per 100; \$25 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Primula obconica, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000; 3 1/2-in., \$6 per 100; \$55 per 1,000. Alouzo J. Bryan, Washington, N. J.

Primroses, Forbesil, Obconica alba, rosea and Ruby, 2 1/4-inch pots, \$1.50 per 100. Obc. Gigantea, 2 1/4-inch, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primulas, obconica, Chinese, Forbesil, Malacoides. Geo. A. Kuhl, Pekin, Ill.

ROSES.

Field-grown roses, hardy, firm-wooded, northern-grown. Send for list of varieties. Jackson & Perkins Company, Newark, New York.

ROSES, 2-year field-grown Selected Dorothy Perkins, \$8 per 100. H. P. STRECKFUS, Syracuse, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIVET.**PRIVET.**

WE OFFER AMOOR RIVER PRIVET.

	Each	Ten	100	1,000
18-24 in., light.....	10c	\$0.75	\$ 3.50	\$ 30.00
2-3 ft.	15c	1.00	7.50	60.00
3-4 ft., heavy.....	20c	1.25	10.00	75.00
4-5 ft., heavy.....	30c	1.50	12.00	100.00

Also see our ads under Spirea and Berberry. Send today for our complete price list.

AURORA NURSERIES,

Telephone 339. Aurora, Ill.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

SEEDS.

WINTER ORCHID—FLOWERING SWEET PEA SEED.—I have still some of the best money makers on hand: Mrs. A. A. Skaach, clearest pink, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose, Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 oz.; \$18 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lav.; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurf, Swedesboro, N. J.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriacs, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash, Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Brimms Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, petunias. Prices and list on application. T. B. Shepherd Co., Ventura, Calif.

Seeds, growers for the trade: beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

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WE OFFER SPIREA VAN HOUTTEI.

	Each	Ten	100	1,000
2-3 ft.	15c	\$1.00	\$7.00	\$60.00
3-4 ft.	20c	1.25	8.00	75.00

Send today for our complete price list. Also see ads under Privet and Berberry.

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Telephone 339. Aurora, Ill.

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Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

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Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Sealine, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

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Actna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

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Smith's Revised Chrysanthemum Manual, 50c, postpaid. Elmer D. Smith & Co., Adrian, Mich.

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Kramer's pot hangers, \$1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

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Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

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Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

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Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

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Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

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Kansas City.

A plentiful supply of good quality stock was noted on the market during the past week. Roses, especially Ward, Ophelia and Sunburst were exceptionally fine and sold readily at from five to 12 cents wholesale. Killarneys, both pink and white, also showed improvement. Carnations are also to be had in fine flower and stem and sell at from two to four cents. Chrysanthemums are more plentiful, and are moderate in price.

NOTES.

Henry Kusik & Co. carried a very heavy supply of stock during the past week, roses, carnations and chrysanthemums being plentiful and of fine quality. The shipping trade both in cut flowers and supplies is increasing steadily at this establishment.

T. J. Noll & Co. have received their first shipment of California violets. The quality is very good. Excellent stocks of roses, carnations and chrysanthemums were also noted at their store.

The Wm. L. Rock Floral Co. was kept busy with Hallowe'en decorations. They are receiving some very good stock, especially roses, which are exceptionally fine.

S. Bryson Ayres is busy planting fall bulbs. His first sweet peas of the winter crop, now being cut, while not long in stem, are fair in flower.

The Costello-Moore Floral Co. has been busy with funeral work and has had quite a sale on corsages of violets, orchids and Ward roses.

R. S. Brown & Son are cutting some fine carnations and chrysanthemums at their greenhouses and report an increasing demand.

A. F. Barbee has placed a very attractive refrigerator in his store. Excellent Chrysolora chrysanthemums are a feature here.

Patrick Larkin has been busy with funeral work, with general trade very satisfactory.

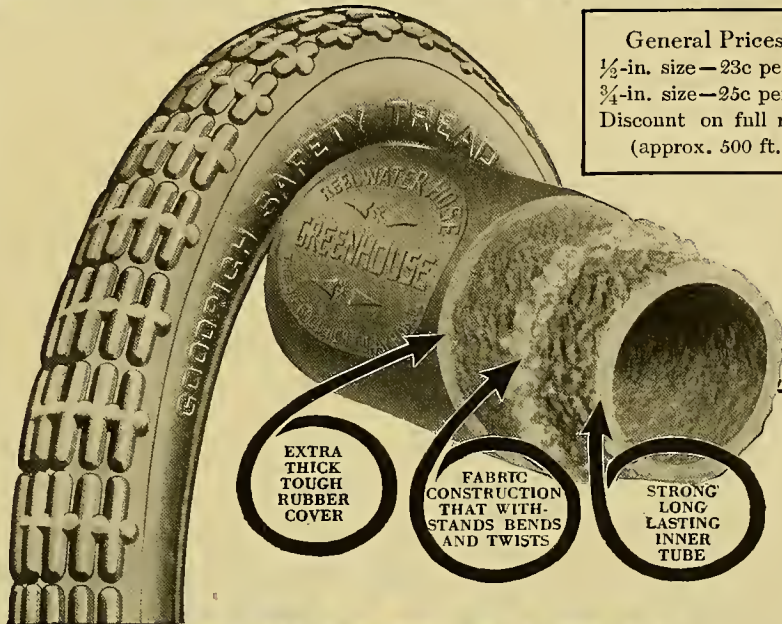
Arthur Newell reports that he is well pleased with the way business is coming.

Visitors: R. L. Isherwood, Chillicothe, Mo.; G. P. Kaupp, Nevada, Mo.; L. Vandermeij, Haarlem, Holland; G. Krowivel, representing Speelman & Sons.

E. J. B.

EUGENE, ORE.—F. B. Chase is erecting two new houses to replace two old ones being torn down.

DES MOINES, IA.—Lozier's, The Florist, Inc., is having the shop on East Locust street especially remodeled to meet the requirements of the business. One thousand dollars will be expended on the show window alone, which when finished will be one of the finest in the state.



General Prices:
 1/2-in. size—23c per ft.
 3/4-in. size—25c per ft.
 Discount on full reels
 (approx. 500 ft.)

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 "GREENHOUSE"
 HOSE**

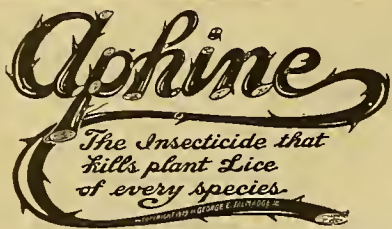
Try Goodrich "Greenhouse" on your next order! That extra thick, extra tough wear-resisting cover—compounded to endure by the world's largest factory, the factory that builds the road-resisting treads found on Goodrich Automobile Tires—is giving months of service where other hose lasts but weeks.

Then, too, "Greenhouse" is not readily affected by kinks, twists, sharp bends—that cause other hose to leak, crack, break, split apart.

"Greenhouse" is, in addition, flexible and easy to work with. It saves time in use. Withstands high pressures, too. Any length desired in one continuous piece.

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A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
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We are at your service.

AMERICAN GREENHOUSE MFG. CO.

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"JUST AROUND THE CORNER FROM THE WHOLESALE FLOWER MARKET."

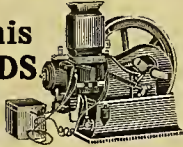
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DUO-GLAZED SASH FOR HOTBEDS

Always SAFE

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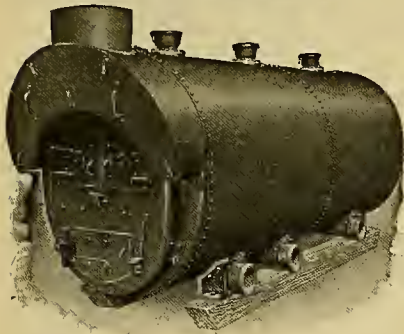
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The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

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Boilers OF HIGH GRADE..... For GREENHOUSES

See Our Catalogue.

Steam and Hot Water **GIBLIN & CO.,** Utica, N. Y.

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Bramley & Son.....	824	Hess & Swoboda.....	822
Breelan Seed Grow-		Hews A H & Co.....	842
ers Co.....	826	Hilfinger Bros.....	842
Britmeyer's J Sons.....	822	Hill D Nurs Co.....	I
Brown A C.....	824	Hinde & Dauch	
Bruno H N.....	827	Paper Co The.....	820
Brunnings.....	828	Hoerber Bros.....	815
Bryan Alonzo J.....	831	Hollywood Gardens.....	823
Buchbinder Bros.....	806	Holm & Olson.....	822
Buckbee H W.....	824	Holton & Hunkel Co.....	817
Budlong J A.....	814	Home Car School.....	834
Burpee W A & Co.....	828	Hort Advertiser.....	829
Caldwell the Woods		Horticultural Ptg	
man Co.....	820	Co The.....	834
California Florists.....	824	Hurf Edgar F.....	828
Callaban Duo		Ickes-Braun Mill Co.....	840
Glazed Sash Co.....	841	Izoe Bros.....	844
Camp Conduit Co.....	843	Illinois Pipe Mfg Co.....	843
Chicago Flower		Isabel S M & Co.....	827
Growers Assn.....	812	Jackson & Perkins.....	833
Chicago House		Johnston & Co T J.....	821
Wrecking Co.....	841	Jones Percy.....	812
Clark E B Seed Co.....	828	Joy Floral Co.....	824
Clarke's Sons D.....	823	Kasting W F Co.....	I
Clay & Son.....	840	Keller Geo & Sons.....	842
Cleveland Cut		Keller Sons J B.....	824
Flower Co.....	823	Kelway & Son.....	828
Conard & Jones Co.....	830	Kennicut Bros Co.....	815
Cooke Geo H.....	821	Kerr R C Floral Co.....	824
Cowee W J.....	111	Kervan Co The.....	819
Coy H C Seed Co.....	829	Kessler Wm.....	819
Craig Robt Co.....	834	King Construct Co.....	844
Cunningham Jos H.....	831	Kohr A F.....	842
Darda Chas.....	822	Kramer I N & Son.....	842
Delgado Francisco.....	830	Kroeschell Bros Co.....	839
Denton Floral Co.....	824	Kruchten John.....	814
Detroit Flower Pot		Kuehn C A.....	817
Mfg Co.....	842	Kuhl Geo A.....	828
Detroit Stand Co.....	IV	Kusik & Co H.....	817
DeWitt F H & Co.....	831	Kyle & Foerster.....	815
Dietch A & Co.....	IV	LaCrosse Floral Co.....	822
Diller Caskey &		Lager & Hurrell.....	831
Keen.....	IV	Landreth Seed Co.....	828
Dorner F & Sons Co.....	831	Lang Flo & Nur Co.....	824
Dreer H A.....	842 843	Lange A.....	821
Duerr Chas A.....	824	Leborius J J.....	823
Duetscher & Glazer.....	816	Leedle Floral Co.....	829
Duluth Floral Co.....	824	Lewis Mrs Geo H.....	829
Dunlop John H.....	823	Littlefield & Wyman.....	831
Edwards Fold Box.....	844	Lockland Lum Co.....	840
Elastic-Lyke Co.....	111	Lochner & Co Inc.....	828
Elk Galax & Fern		London Flower Shp.....	823
Co.....	820	Iovett J T.....	830
Emmama Geo M.....	834	MacNiff Horti-	
Erne & Kliegel.....	815	cultural Co.....	827
Evans Co The J A.....	111	McCallum Co.....	816
Eyres H G.....	823	McConnell Alex.....	821
Farmers' & Florists'		McHutchinson & Co.....	828
Fertilizer Co.....	840	McNeff-Swenson Co.....	820
Fish Henry Seed Co.....	827	Mangel.....	824
Florists' Hail Assn.....	842	Mann Otto.....	828
Foley Greenhouse		Matthews the Flo'st.....	821
Mfg Co.....	IV	Matthewson J E.....	822
Ford M C.....	819	May & Co L L.....	822
Ford William P.....	818	Meconi Paul.....	819
Franzen F O.....	833	Metairie Ridge Nurs.....	821
Frauenfelder C.....	821	Mette Henry.....	832
Freemaos Mrs J B.....	824	Miller A L.....	829
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Froment H E.....	819	Exchange Ltd.....	818
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Galvin Thos F.....	823	Nash.....	818

Murray Samuel.....	822	Schluraff Floral Co.....	831
Nat Flo B of Trade.....	844	Schwake Chas & Co.....	818
Newell A.....	823	Sharp Partridge &	
N Y Cut Flower Ex.....	819	Co.....	844
Nicotine Mfg Co.....	840	Sheridan Walter F.....	819
Niessen Leo Co.....	816	Siebrecht George C.....	819
Northwestern Wire		Situation & Wants.....	805
Works.....	111	Skidelsky SS & Co.....	I
Ostertag Bros.....	823	Skinner M B & Co.....	111
Palez Paul M.....	822	Small J H & Sons.....	821
Palmer W J & Son.....	822	Smith A W & Co.....	823
Park Floral Co.....	822	Smith E D & Co.....	828
Peacock Dahlia		Smith & Fetters Co.....	821
Farms.....	830	Smith & Hemenway.....	841
Pedrick G R & Son.....	828	Smith Henry.....	824
Peterson Nursery.....	830	Smith Wm C Flo Co.....	817
Peters & Reed Poty.....	842	Smith W & T Co.....	I
Phillips Bros.....	824	Storrs & Harrison.....	833
Pierce F O Co.....	840	Stump G E M.....	823
Pierson A N (Inc).....	829	Superior Machine	
Pierson F R Co.....	I	& Boiler Works.....	843
Pieters-Wheeler		Syracuse Pot'y Co.....	842
Seed Co.....	826	Thompson J D	
Pikes Peak Flo Co.....	824	Carnation Co.....	I 834
Pillsbury I L.....	844	Thorburn J M & Co.....	828
Pittsburgh Cut		Tonner O A.....	811
Flower Co.....	816	Totty Chas H.....	831
Platb H.....	833	Traendly & Schenck.....	819
Podesta & Baldocchi.....	823	United Cut Flwr Co.....	819
Poehlmann Bros Co		Vaughan A L & Co.....	813
.....	808 809	Vaughan's Seed Store	
Pollworth C C Co.....	817	.....	829 831 833 842
Portland Flo Shop.....	824	Vick's Sons J.....	828
Pyler A T & Co.....	811	Vincent R Jr & Sons	
Raedlein Basket Co.....	814	Co.....	1 832
Randall A L Co.....	815	Waite F W.....	844
Randolph & Mc-		Walker F Co.....	821
Clements.....	821	Wallace F D.....	IV
Randolph P S & Son.....	834	Watson John.....	830
Kawlings Elmer.....	833	Weiland M.....	823
Ready Reference.....	835	Weiland & Risch.....	815
Reed & Keller.....	844	Welch Patrick.....	816
Regan Ptg House.....	842	Western Seed &	
Reid Edw.....	816	Irrigation Co.....	827
Reinberg Geo.....	815	Whilldin Pottery Co.....	842
Reinberg Peter.....	811	Whitted Floral Co.....	821
Reuter & Son S J.....	821	Whittor Bros.....	812 815
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Riedel & Meyer.....	817	Willens Cons Co.....	840
Robinson J C Seed		Williams W G & Son.....	820
Co.....	829	Witthold G Co.....	821 825
Rock Wm L Flwr Co.....	824	Wolfskill Bros &	
Rohbert Waldo.....	827	Morris Goldenson.....	824
Routzahn Seed Co.....	828	Wood Bros.....	833
Rusch G & Co.....	817	Wondruff S D & Sons.....	827
Rye George.....	824	Yokohama Nurs	
St. Louis Seed Co.....	827	Co.....	828
Schiller, the Florist.....	824	Young A L & Co.....	819
Schillo Adam		Young John & Co.....	818
Shumber Co.....	IV	Young & Nugent.....	821
Schlatter W & Son.....	844	Zech & Mann.....	815 815
Schling Max.....	822	Ziaka Jos.....	15

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Houston, Tex., August, 1916.

Duck Time.

The leaves on the trees are brown and sere;
The grass is withered and dead,
And the sky is blue of the deepest hue
In the narrow chinks o'erhead.
So you pause, perhaps, in the city's streets,
As you level your gaze on high,
For you hear a call through the dim smoke's
pall,
When the ducks go drifting by,
The lure of the wild gets in your blood,
For the tang of the wind is sweet;
And your pulses burn as you long to turn
Where the land and waters meet;
Where the winds wail low through the fringing
sedge,
And withering cat-tails dry;
Where the ripples break on a dead calm lake
When the ducks go drifting by.
Then it's back to the wild, when the sun comes
up,
And the twilight dawn fades fast;
When you lay in your blind, for you hope to
find
A shot, as the birds drift past,
When the pin-tails quack in the feeding grounds,
And the blue-bills venture nigh,
Then a roar and a flash—and the waters splash
When the ducks go drifting by.
You who are chained to your desks of wood
In the heart of the busy hum,
Turn back a space for a breathing place
When bracing October's come;
There's a hunter's camp, and a hunter's life,
And many a shot to try;
And tales to tell by the fire, as well,
When the ducks go drifting by.

—Hoyt.

The Chicago Flower Show.

Coliseum, November 9-14.

Huge Exhibition Great Success.

The exhibition in progress this week at Chicago is a great success in every respect. The show is the result of the combined efforts of the local horticultural society and the florists' club. Although the time for preparation was quite short the work of the various committees has been most thorough, bringing together one of the finest displays ever seen in the west. The retail trade has aided the growers very materially in the making of this grand show and the miscellaneous trade exhibits have proved such an attraction that this feature is likely to become an important part of all future shows here. The arrangement of the show proved very popular with the public, flowering plants and cut blooms predominating. The large groups of foliage plants so prominent in former exhibitions were considerably curtailed on this occasion, giving way to the more popular floral subjects, and the general public seems pleased with the change. Liberal notices in the local press have awakened new interest in the flower show and these with the favorable weather promise a banner attendance. Trade visitors from nearby cities are arriving in large numbers as we go to press on the second day of the event and one exhibitor stated that he booked more business during the opening day than was done during the entire week of previous exhibitions.

Mayor Thompson formally opened the exhibition at three o'clock the first day, being introduced by Chairman Henderson of the general executive committee. Even at that early hour there was a good attendance and the mayor was well received. He was presented with a handsome bouquet of chrysanthemums arranged by Geo. Wienhoeber and spoke of the prominent part taken by the city in the business affairs of the country, making special reference to its importance as a shipping center in the cut flower industry. During the evening of the same day J. C. Vaughan introduced Miss Mona Dunne, daughter of Gov. Dunne, to the audience. Miss Dunne was attended by her sister, Mrs. William Corbo, and August Lange presented

both the ladies with beautiful corsage bouquets. Miss Dunne then gave the name Illinois to a yellow chrysanthemum. During the ceremony the band rendered the well-known anthem of the state in which the audience joined. The mayor's opening and Miss Dunne's part in the proceedings, with the presence of the Elmer D. Smith Co.'s new yellow chrysanthemum, named Tiger by President Wilson, have been given considerable publicity by the press and these early numbers of the programme interested the public to such an extent that everyone in the city is talking about the show, producing a popular enthusiasm, which managers found it impossible to awaken in former years. Manager French had the arrangements well in hand, his efforts being ably seconded by President Rudd, of the Horticultural Society, President Keimel, of the Florists' Club, General Secretary Miller and a large corps of assistants.

The decorations of the main hall were very simple, the ceiling being embellished with southern smilax in strings stretching from the centre of the ceiling to the east and west walks with a cluster of smilax arranged between the rows. The trade exhibits were staged along the walls on all sides of the hall, leaving all the space in the center for competitive displays with the exception of the dancing platform and a Japanese garden arranged by T. R. Otsuka, landscape architect, and featured by the D. Hill Nursery Co., Inc., of Dundee, in which Hill's hardy decorative and tubbed evergreens and boxwoods played an important part. This garden proved one of the most interesting features of the show, second only to the splendid group of orchids from the Poehlmann Bros. Co., which greeted the visitor immediately on entering the building.

The principal prize winners in the chrysanthemum plant classes were the Poehlmann Bros. Co., Vaughan's Seed Store, J. J. Mitchell (A. J. Smith, gardener), Iowa State College (John Reardon, gardener), Mrs. S. W. Allerton (Robert Blackwood, gardener), Mrs. F. F. Junkin (Axel Jonnsen, gardener), Louis F. Swift (Robert Sampson, gardener), J. H. Moore (A. Martini, gardener), Chas. L. Hutchinson (Wm. P. Long-

land, gardener). J. E. Tilt and Gustav Bendel. The Poehlmann's had a nicely arranged group of well grown stock, ideal plants for fancy retail trade. The plants were not large from an exhibition standpoint, but clean, with fine foliage and bloom. There were some nice plants of the Caprice group, a good assortment of singles and pompons and a good array of the large-flowered varieties, altogether a well-balanced lot. Vaughan's Seed Store showed a fine lot of plants, but they were not so well arranged as the preceding group. Many of the individual plants were much better, especially some of the red and pink singles and pompons. This firm, however, exhibited some grand specimen plants. The chrysanthemum plants exhibited by private gardeners were one of the principal attractions of the show.

The retail florists were well represented and in addition to a large number of entries in the competitive classes, Schiller, Friedman, The Geo. Wittbold Co., Ernst Wienhoeber Floral Co., W. H. Kidwell & Co., and Simpson had very pretty booths in which they featured table decorations, vases of cut flowers, neatly arranged baskets of foliage plants and the most recent introductions in supplies. They did not attempt to sell any stock over the counter as it was arranged that all exhibitors have a general sales booth in charge of W. H. Kidwell, where cut flowers could be sold and the proceeds distributed at the close of the show. Near the sales booth the Western Union operator clicked off telegraph orders to all parts of the country.

The Geo. Wittbold Co., Poehlmann Bros. Co., Vaughan's Seed Store and A. N. Pierson, Cromwell, Conn., exhibited good groups of palms, ferns and decorative plants. H. N. Bruns and Schiller showed good cibotiums. Vaughan and Poehlmann had fine displays of crotons, Merriam Park Floral Co., Merriam, Minn.; Frank Oechslein and H. Schneider, cyclamens.

Ernest Rober exhibited a good assortment of holiday plants and J. E. Yeats, of Champaign, had some fine blooms of his new rose Mrs. Sarah Yeats on view.

The principal exhibitors in the chrysanthemum cut flower classes were the Poehlmann Bros. Co., E. G. Hill Co., Richmond, Ind.; Wieter Bros., Bassett & Washburn, Elmer D. Smith & Co., Adrian, Mich.; C. C. Pollworth Co., Milwaukee, Wis.; Mt. Greenwood Cemetery Association, A. Lange, Schiller, John Mangel, Geo. Wittbold Co., Geo. Wienhoeber and Friedman.

The Trade Booths.

A. H. Schneider, Oak Park, blooming and decorative plants. Also well grown chrysanthemum plants.

Foley Greenhouse Manufacturing Co., section of a curved eave, full iron frame house equipped with the Foley Triumph ventilator.

C. C. Pollworth Co., Milwaukee, Wis., blooming and decorative plants, supplies and cut flowers.

Kroeschell Bros. Co., new tubeless steam boiler, chain wrenches and drawings and blue prints of greenhouse heating systems.

Ideal Lighting Co., Davenport, Ia., the Ideal vacuum self watering flower box for winter and summer.

Euchbinder Bros., a beautiful florists' refrigerator finished in circassian walnut and white enamel.

The Raedlein Basket Co., large display of baskets consisting of all the latest styles in both imported and domestic stock.

The Haeger Potteries, Dundee, glazed pottery for which Marshall Field & Co. have the exclusive sale.

Frank Oechslein, a large display of blooming and decorative plants, particularly begonias, dracenas, palms and pandanus.

W. W. Barnard Co., seeds, bulbs and supplies with a Brown bag-filling machine in operation.

Vaughan's Seed Store, nursery stock, bulbs, supplies and a special arrangement of evergreens showing the effect of shrubbery in winter time.

Poehlmann Bros. Co., palms, ferns, begonias, cyclamens and other miscellaneous blooming and foliage plants.

A. N. Pierson, Inc., Cromwell, Conn., palms, cibotiums, begonias, adiantum, araucarias, ardisias, etc. Also a vase each of their two new roses, Mrs. William Randolph Hearst and Red Radiance.

D. Hill Nursery Company, Inc., Dundee, hardy evergreens featuring an American Japanese rock garden ar-



New Chrysanthemum Josephine Foley.

We present herewith an illustration of one of the newest chrysanthemums introduced by Elmer D. Smith & Co., Adrian, Mich. The variety is named after the youngest daughter of P. J. Foley, senior member of the Foley Greenhouse Manufacturing Co., Chicago. It is described by the originators as follows:

Josephine Foley, winner of the Foley prize for the best seedling exhibited at the exhibition of the Chrysanthemum Society of America at Indianapolis, Ind., November, 1915, has been recommended for certificate by all five examining committees of the society. A seedling from Naomah but purer white, high, rounded, incurved form; excellent stem and foliage. Matures October 1; best bud for exhibition, August 25. A fine commercial from September buds, giving double flowers. Five feet from May plantings. Good for both exhibition and commercial uses.

ranged by T. R. Otsuka, Japanese landscape architect.

O. J. Friedman, W. H. Kidwell & Son, Schiller the Florist, Ernst Wienhoeber Floral Co., George Wittbold Co. and Simpson's all had booths arranged on the east and west sides of the hall in which table decorations, neatly arranged baskets of cut flowers, foliage plants, palms, etc., were shown in addition to the latest introduction in supplies.

First Day's Awards.

CUT FLOWERS—CHRYSANTHEMUMS.

Fifty blooms, Wm. H. Chadwick—Fritz Bahr, Highland Park, 1st; Poehlmann Bros. Co., Morton Grove, 2nd; Kroeger & Teegan, Morton Grove, 3rd.

Fifty blooms Timothy Eaton—E. G. Hill Co., Richmond, Ind., 1st; Poehlmann Bros. Co., 2nd.

Fifty blooms, any other white—E. G. Hill Co., 1st; Mt. Greenwood Cemetery Association, 2nd; Vaughan's Seed Store, 3rd; Wieter Bros., 4th.

Fifty blooms, Chieftain—Poehlmann Bros. Co., 1st; Mt. Greenwood Cemetery Assn., 2nd; E. G. Hill Co., 3rd; Wieter Bros., 4th.

Fifty blooms Dr. Enguehard—Poehlmann Bros. Co., 1st; Bassett & Washburn, 2nd.

Fifty blooms, any other pink—Bassett & Washburn, 1st; Poehlmann Bros. Co., 2nd; Mt. Greenwood Cemetery Assn., 3rd.

Fifty blooms, Major Bonaffon—E. G. Hill Co., 1st; Bassett & Washburn, 2nd; Poehlmann Bros. Co., 3rd; Wieter Bros., 4th.

Fifty blooms Golden Chadwick—Poehlmann Bros. Co., 1st.

Fifty blooms, any other yellow—Fred. H. Lemon Co., Richmond, Ind., 1st; E. G. Hill Co., 2nd; Bassett & Washburn, 3rd; Poehlmann Bros. Co., 4th.

Fifty blooms crimson—Mr. Greenwood Cemetery Assn., 1st; Wieter Bros., 2nd; Poehlmann Bros. Co., 3rd.

Fifty blooms bronze—E. G. Hill Co., 2nd.

Fifty blooms, five or more varieties—Vaughan's Seed Store, 1st; Poehlmann Bros. Co., 2nd; C. C. Pollworth Co., Milwaukee, Wis., 3rd; E. G. Hill Co., 4th.

Collection, named varieties—Elmer D. Smith Co., Adrian, Mich., 1st; Mt. Greenwood Cemetery Assn., 2nd.

Three vases single varieties—A. Lange, 1st; Schiller the Florist, 2nd.

Three vases pompon varieties—A. Lange, 1st; Schiller the Florist, 2nd; George Wittbold Co., 3rd.

Display chrysanthemums—Geo. Wienhoeber, 1st; Oscar J. Friedman, 2nd; John Mangel, 3rd; Schiller, 4th; George Wittbold Co., 5th.

CHRYSANTHEMUM—PLANTS.

Specimen plant—Iowa State College, Ames, 1st; Vaughan's Seed Store, 2nd.

Specimen plant, white—Iowa State College, 1st; Poehlmann Bros. Co., 2nd; Vaughan's Seed Store, 3rd.

Specimen plant, yellow—Iowa State College, 1st; Vaughan's Seed Store, 3rd.

Specimen plant, pink—Iowa State College, 1st; Poehlmann Bros. Co., 2nd; Vaughan's Seed Store, 3rd.

Specimen plant, single—Poehlmann Bros. Co., 2nd; Vaughan's Seed Store, 3rd.

Specimen plant, anemone—Vaughan's Seed Store, 3rd.

Three specimen plants—Vaughan's Seed Store, 2nd.

Five specimen plants, pompon varieties—Vaughan's Seed Store, 1st.

Five specimen plants, single yellow—Vaughan's Seed Store, 1st.

Five specimen plants, single pink—Vaughan's Seed Store, 1st.

Group of chrysanthemum plants—Poehlmann Bros., Co., 1st; Vaughan's Seed Store, 2nd.

PLANTS—MISCELLANEOUS.

Display of orchids—Poehlmann Bros. Co., 1st.

Three kentias—G. Wittbold Co., 1st.

Three palms—Geo. Wittbold Co., 1st.

One Boston fern—Poehlmann Bros. Co., 1st; Peter Schilt, Evanston, 2nd.

Basket asparagus—Poehlmann Bros. Co., 1st.

Six araucarias—Frank Oechslein, 1st; Poehlmann Bros. Co., 2nd.

Three Gloire de Lorraine begonias—Poehlmann Bros. Co., 1st; Frank Oechslein, 2nd.



GENERAL VIEW CHICAGO SHOW.

Flowering plant—Gustav Bendel, 1st.
Six Boston ferns—Poehlmann Bros. Co., 1st.
Three *Cibotium Schiedeii*—H. N. Bruns, 1st.
One *Cibotium Schiedeii*—Schiller the Florist, 1st; Frank Oechslein, 2nd.
Display crotons—Vaughan's Seed Store, 1st.
Group of foliage plants—Ernest Rober, 2nd.
Group of palms and decorative plants—Geo. Wittbold Co., 1st; Poehlmann Bros. Co., 2nd; Vaughan's Seed Store, 3rd.
Collection of ferns—Schiller the Florist, 1st.
Pandanus Veitchii—Poehlmann Bros. Co., 1st; Geo. Wittbold, 2nd.
Cyclamen—Merriam Park Floral Co., Merriam, Minn., 1st; Frank Oechslein, 2nd; A. H. Schneider, 3rd.

RETAIL FLORISTS.

Basket or hamper of plants—Geo. Wienhoeber, 1st; Schiller, 2nd.
Filled fern dish—Schiller the Florist, 1st; Geo. Wittbold, 2nd.

PRIVATE GARDENERS—CHRYSANTHEMUMS.

Six white—J. J. Mitchell, Lake Geneva, Wis., 1st; Mrs. S. W. Allerton, Lake Geneva, Wis., 2nd.
Six yellow—J. J. Mitchell, 1st; Mrs. S. W. Allerton, 2nd.
Six pink—Mrs. F. F. Junkin, 1st; J. J. Mitchell, 2nd; Mrs. S. W. Allerton, 3rd.
Six crimson—J. J. Mitchell, 1st.
Twelve white—Mrs. S. W. Allerton, 1st; J. J. Mitchell, 2nd.
Twelve yellow—J. J. Mitchell, 1st; Mrs. S. W. Allerton, 2nd.
Twelve crimson—J. J. Mitchell, 1st; Mrs. S. W. Allerton, 2nd.

Twelve bronze—J. J. Mitchell, 1st; Mrs. S. W. Allerton, 2nd.
Twelve any other color—J. J. Mitchell, 1st.
Twelve mixed—Mrs. S. Allerton, 1st.
Eighteen, six varieties—J. J. Mitchell, 1st.
Collection of pompons—Louis F. Swift, Lake Geneva, Wis., 1st.
Collection of singles—Louis F. Swift, 1st; Mrs. F. F. Junkin, 2nd.
Sweepstakes, classes 150 to 166—J. J. Mitchell.

PLANTS—CHRYSANTHEMUMS.

Specimen large flowering—Mrs. S. W. Allerton, 1st; Iowa State College, 2nd; Mrs. F. F. Junkin, 3rd.
Specimen pompon—Mrs. S. W. Allerton, 2nd.
Specimen anemone—Mrs. S. W. Allerton, 1st.
Specimen, single—Mrs. S. W. Allerton, 1st; Mrs. F. F. Junkin, 2nd.
Specimen, large flowering white—Mrs. S. W. Allerton, 2nd.
Specimen, large flowering pink—Mrs. S. W. Allerton, 1st.
Specimen, large flowering yellow—Mrs. S. W. Allerton, 1st.
Specimen, large flowering red—Iowa State College, 1st.
Specimen, any other color—Mrs. S. W. Allerton, 1st.
Twelve plants in six-inch pots—J. H. Moore, Lake Geneva, Wis., 1st.
Six large flowering—J. E. Tilt, 1st.
Twelve single stems—J. J. Mitchell, 1st.
Group of chrysanthemums—J. H. Moore, 1st; J. E. Tilt, 2nd; J. J. Mitchell, 3rd.
Group of anemones—Chas. L. Hutchinson, 1st.

MISCELLANEOUS PLANTS.

Three ferns—J. E. Tilt, 1st; Louis F. Swift, 2nd.
Specimen palm—Louis F. Swift, 1st; J. E. Tilt, 2nd.
Specimen foliage plant—Gustav Bendel, 1st.
Nephrolepis—Mrs. F. F. Junkin, 1st.
Basket of plants—J. E. Tilt, 1st; Mrs. G. W. Blossom, 2nd.
Collection of fruit—Louis F. Swift, 1st; North Shore Horticultural Society, 2nd.
Club collection of vegetables—Lake Geneva Gardeners' & Foremen's Association, 1st; North Shore Horticultural Society, 2nd.

The Second Day's Awards.

Collection of cut orchids—Chas. W. McKellar, 1st; Geo. Wienhoeber, 2nd.
Twenty-five American Beauty roses—Gullett & Sons, Lincoln, 1st; Bassett & Washburn, 2nd; Peter Reinberg, 3rd.
Fifty red roses, any variety—Poehlmann Bros. Co., 1st; C. C. Pollworth Co., 2nd; E. G. Hill Co., 3rd.
Fifty Mrs. Chas. Russell roses—Peter Reinberg, 1st; Holton & Hunkle Co., Milwaukee, Wis., 2nd; Poehlmann Bros. Co., 3rd.
Fifty Ophelia roses—Bassett & Washburn, 1st; Poehlmann Bros. Co., 2nd; E. G. Hill Co., 3rd.
Fifty Pink Killarney roses or its sports—Poehlmann Bros. Co., 1st; Peter Reinberg, 2nd; Pyfer & Olsem, Wilmette, 3rd.
Fifty White Killarney roses—Peter Reinberg, 1st; Poehlmann Bros. Co., 2nd; Gullett & Sons, 3rd.
Fifty Mrs. Aaron Ward roses—Poehlmann Bros. Co., 1st.



POEHLMANN'S DISPLAY AT THE CHICAGO SHOW.

Fifty Sunburst roses—Peter Reinberg, 1st; Poehlmann Bros. Co., 2nd; Bassett & Washburn, 3rd.

Fifty any other variety rose—Poehlmann Bros. Co., 1st; Peter Reinberg, 2nd; Pyfer & Olssem, 3rd.

One hundred American Beauty roses—Cudahy Floral Co., Cudahy, Wis., 1st; Bassett & Washburn, 2nd; Poehlmann Bros. Co., 3rd.

One hundred red roses, any variety—Poehlmann Bros. Co., 1st; Bassett & Washburn, 2nd; Weiland & Risch, 3rd.

One hundred Pink Killarney roses or its sports—Poehlmann Bros. Co., 1st; Peter Reinberg, 2nd; Weiland & Risch, 3rd.

One hundred White Killarney roses—Peter Reinberg, 1st; Poehlmann Bros. Co., 2nd; Weiland & Risch, 3rd.

One hundred Ophelia roses—Bassett & Washburn, 1st; Poehlmann Bros. Co., 2nd; Peter Reinberg, 3rd.

One hundred Mrs. Aaron Ward roses—Poehlmann Bros. Co., 1st.

Fifty Mrs. Chas. Russell roses—French & Salm, Union Grove, Wis., 1st; Holton & Hunkle Co., 2nd; Poehlmann Bros. Co., 3rd.

One hundred Sunburst roses—Peter Reinberg, 1st; Poehlmann Bros. Co., 3rd.

One hundred Richmond roses—Peter Reinberg, 1st; Poehlmann Bros. Co., 2nd.

One hundred any other variety rose except red—Bassett & Washburn, 1st; Weiland & Risch, 2nd; Poehlmann Bros. Co., 3rd.

Twelve blooms of a new rose—Poehlmann Bros. Co., 1st.

Twenty-five blooms any variety rose not in commerce—E. G. Hill Co., 1st; Weiland & Risch, 2nd; Charles H. Totty, 3rd.

Twenty-five Mrs. George Sawyer roses—Bassett & Washburn, 1st.

Display of cut roses—Mangel the Florist, 1st; Geo. Weinhoerber, 2nd; Geo. Wittbold Co., 3rd.

Display five hundred lily of the valley—H. N. Bruns, 1st; Poehlmann Bros. Co., 2nd; August Jurgens, 3rd.

Display twelve stalks of lilies—Weiland & Risch, 1st; Poehlmann Bros. Co., 2nd.

Display white bouvardia—Fritz Bahr, Highland Park, 1st.

Vase, one hundred roses, Milady—Geo. Weinhoerber, 1st; A. Lange, 2nd.

Vase, one hundred roses—O. J. Friedman, 1st; Mangel the Florist, 2nd.

Killarney Brilliant and Mrs. Aaron Ward roses—A. Lange, 1st.

Fifty sprays, Cecile Brunner roses—Geo. Weinhoerber, 1st; Geo. Wittbold Co., 2nd.

Most meritorious exhibit roses—G. W. Blossom, 1st.

Meritorious exhibit not otherwise provided for—J. E. Tilt, 1st.

The Visitors.

J. F. Ammann, Edwardsville.
George H. Bancroft, Cedar Falls, Ia.
H. G. Bering, St. Louis, Mo.
Harry Balsley, Detroit, Mich.
Frank Berndt, Milwaukee, Wis.
Mrs. H. G. Bering, St. Louis, Mo.
George H. Blackman, Evansville, Ind.
John N. Bommersbach, Decatur.
Mrs. John N. Bommersbach, Decatur.
Miss Britz, Danville.
Mrs. H. W. Cade, Cairo.
C. A. Cherry, Rockford.
James W. Cole, Peoria.
John Coleman, Minneapolis, Minn.
H. A. Coughenous, McPherson, Kans.
George F. Crabb, Grand Rapids, Mich.
Wm. Currie, Milwaukee, Wis.
Philip Daut, Decatur.
Frank J. Daut, Decatur.
Walter H. Demmler, Eau Claire, Wis.

W. D. Desmond, Minneapolis, Minn.
R. E. DeRycke, Moline.
H. B. Dörner, Urbana.
Mrs. H. B. Dörner, Urbana.
Geo. Dyringer, Ionia, Mich.
August Eicke, Lincoln, Nebr.
Karl Enders, Cherry Valley, O.
Prof. Evans, Champaign.
F. O. Friberg, Sioux City, Ia.
C. H. Gebhardt, Lake Geneva, Wis.
W. H. Griffiths, Lake Geneva, Wis.
Mrs. W. H. Griffiths, Lake Geneva, Wis.
Ed. Gullett, Lincoln.
F. A. Hall, Joplin, Mo.
R. D. Hautze, Fond du Lac, Wis.
D. F. Hawkes, Wheaton.
O. D. Hayes, Davenport, Ia.
I. S. Hendrickson, Flowerfield, L. I., N. Y.
F. L. Henry, Watseka.
J. J. Hess, Omaha, Nebr.
Chas. A. Hewitt, Monmouth.
E. G. Hill, Richmond, Ind.
F. Holketter, Milwaukee, Wis.
H. V. Hunkle, Milwaukee, Wis.
Adolph Jaenicke, St. Louis, Mo.
Harry G. Johnson, Bloomington.
Miss Ella Kaber, LaPorte, Ind.
R. Karlstrom, Cromwell, Conn.
B. Katzwinkle, Mendota.
Roy Kemble, Ocaloosa, Ia.
W. A. Kennedy, Milwaukee, Wis.
Louis Kirch, Louisville, Ky.
J. J. Krupa, Oconomowoc, Wis.
George A. Kuhl, Pekin.
Mrs. George A. Kuhl, Pekin.



SCHILLER'S DISPLAY AT THE CHICAGO SHOW.



VAUGHAN'S CHRYSANTHEMUM DISPLAY AT THE CHICAGO SHOW.

Fred H. Lemoa, Richmond, Ind.
 I. Livingston, Milwaukee, Wis.
 Wm. Livingston, Milwaukee, Wis.
 C. Loveridge, Peoria.
 Miss C. D. Loveridge, Peoria.
 Miss F. J. Loveridge, Peoria.
 W. McKinnon, Milwaukee, Wis.
 J. E. Matthewson, Sheboygan, Wis.
 C. H. Mazey, Minneapolis, Minn.
 Dr. W. Muncie, Urbana.
 Y. A. Nelson, Peoria.
 Adolph Nielson, Lincoln.
 H. C. Neuhard, Cromwell, Conn.
 Walter Jerome Newell, Kansas City, Mo.
 W. W. Ohweiler, St. Louis.
 B. O'Neil, Elgin.
 P. S. O'Neil, Elgin.
 W. K. Palmer, Jr., Urbana.
 Dr. Peltier, Urbana.
 August Peterson, Peoria.
 P. W. Peterson, Joliet.
 Walter Pillsbury, Galesburg.
 C. C. Pollworth, Milwaukee, Wis.
 Mrs. C. C. Pollworth, Milwaukee, Wis.
 John Reardon, Ames, Ia.
 C. J. Reardon, Davenport, Ia.
 Wm. B. Reid, Kansas City, Mo.
 A. Reinhard, Milwaukee, Wis.
 Miss Fannie Rennison, Sioux City, Ia.
 Homer Richey, Albia, Ia.
 Gust. Rusch, Milwaukee, Wis.
 Mrs. Schenckberg, Sioux City, Ia.

Paul Schultz, Vincennes, Ind.
 Mrs. Paul Schultz, Vincennes, Ind.
 G. W. Scott, Cudahy, Wis.
 E. W. Siebrecht, Aberdeen, S. D.
 E. Siebrecht, Winocoo, Minn.
 Chas. A. Simonson, McPherson, Kans.
 Joe Siock, Milwaukee, Wis.
 A. J. Smith, Lake Geneva, Wis.
 R. F. Smith, Nashville, Tenn.
 G. M. Smith, Ames, Ia.
 Elmer D. Smith, Adrian, Mich.
 Mrs. Elmer D. Smith, Adrian, Mich.
 L. Stapp, Rock Island.
 Mrs. L. Stapp, Rock Island.
 O. E. Steinkamp, Indianapolis, Ind.
 Frank Stuppy, St. Joseph, Mo.
 E. R. Tauch, Marquette, Mich.
 Frederic W. Taylor, Denver, Colo.
 Mrs. Tearney, Davenport, Ia.
 George A. Thompson, Columbus, O.
 Mrs. George A. Thompson, Columbus, O.
 L. B. Unice, Vioton, Ia.
 J. A. Valentine, Denver, Colo.
 William Walker, Louisville, Ky.
 William P. Ward, Duadec.
 Fred C. Weber, St. Louis, Mo.
 Phil W. Well, Milwaukee, Wis.
 James Wilson, Des Moines, Ia.
 Albert Woodward, Hartland, Wis.
 A. Woodward, Milwaukee, Wis.
 J. E. Yeats, Champaign.
 Nic Zweifel, Milwaukee, Wis.

The Philadelphia Show.

The extraordinary size of the cut chrysanthemum blooms was the feature of the fall exhibition of the Pennsylvania Horticultural Society, which opened November 9. In all the classes the flowers were wonderfully large and perfect. There was nothing particularly new in the varieties shown, but in their great perfection, many of them appeared new and labels had to be sought to prove their identity.

The arrangement of the hall was much the same as in previous years, the commercial exhibits occupying the first floor and foyer. To the right of the entrance was H. A. Dreer, Inc., with bird boxes, garden requisites and insecticides. On the left was the H. F. Michell Co., Inc., with an exhibit of bulbs with pompom chrysanthemums in pots. A large egg, which opened and closed continuously, revealing a hyacinth pan in flower, was a feature. In the meeting room across the hall were the exhibits of the greenhouse manufacturers, Hitchings & Co., Lord & Burnham, Myers & Co., and the King Construction Co. Displays of hot-bed sash and photos of ranges were the features here.

Edward Stroud, Overbrook, Pa., S. S. Pennock-Meehan Co., Philadelphia, and Richard Vincent, Jr., Sons Company, White Marsh, Md., all staged cut pompom chrysanthemums. H. Waterer, Philadelphia, Pa., had his usual fine assortment of bulbs. On the grand staircase stood vases of choice cut chrysanthemums, while cut blooms in the various classes were also arranged on tables around the railing. In the foyer were the greenhouse foliage plants, the several groups showing splendid culture. W. K. Harris filled a table with the bird's-nest fern, which, for vigor and symmetry, were perfection.

In the main hall were staged the chrysanthemum plants, which were not very numerous, the interest in them appearing to be waning. The hall was prettily decorated with smilax and autumn leaves, and there was a pergola on either side in which were a number of chairs for visitors. This feature was much appreciated. Japanese lanterns around electric globes gave the hall a gala appearance.



POEHLMANN'S ORCHID GROUP AT THE CHICAGO SHOW.



WITTBOLD'S PLANT GROUP AT THE CHICAGO SHOW.

The stage held a beautiful display of well grown stock, mostly young, from the nurseries of H. A. Dreer, Inc. Robert Craig Co. staged a group of crotons, dracenas and well flowered cyclamens. They were brilliantly colored. In the center of the hall, under a large cibotium were staged the single stemmed chrysanthemums in six inch pots. At either side of the entrances to the hall were beautifully arranged groups of foliage and flowering plants. John Dobbs and Wm. Robertson competed. The most interesting single exhibit were the cases of orchids from the houses of Louis Burke. Many of the cuts shown were new and rare and all were splendidly in flower and arranged so that every bloom showed to the best advantage. These cases were very nicely lighted and at all times surrounded by the visitors.

The show as a whole is not quite as large as last year, owing principally to the absence of the large Hunter and Widener collections, these families being in mourning. The quality of all the exhibits is, however, quite up to the average and in the excellence of cut blooms a trifle better. Roses, carnations and other flowers were staged the latter part of the week. K.

Massachusetts Horticultural Society.

The Massachusetts Horticultural Society held its autumn flower show at Horticultural hall, November 4-7. The exhibition was exceptionally fine and brought out some of the finest blooms of chrysanthemums seen for some time.

The main hall was a beautiful sight, the entries for flowering and foliage plants and nursery stock, being banked against the walls, and the center filled with pot chrysanthemums. The lecture hall was filled mainly with the florists' displays, carnations and orchids and the small hall with fruits and vegetables. There was a fine display of single bloom chrysanthemums from Harry F. Converse, the flowers being exceptionally large. Wm. Turner, Elberon, Nakota, Mrs. Partridge, Mrs. Drabble and Calumet were noted

as being extra fine. The Waban Rose Conservatories, Natick, Mass., had vases of Hadley, Mrs. Moorfield Storey, Mrs. Chas. Russell and their new pink variety, Mrs. Bayard Thayer, for which they were awarded a silver medal.

In the class for carnations, A. A. Pembroke, Beverly, Mass., carried away most of the honors, his flowers being in a class by themselves. Alice and Matchless showed up well from every grower. Littlefield & Wyman, North Abington, Mass., showed a vase of their new carnation, Miss Theo, which was awarded a first-class certificate of merit.

The display of orchids from Frank Dolansky, of Lynn, was one of the best seen in Boston for years. He won first prize for the exhibit as well as for the best six plants and the best specimen orchid.

The display of single chrysanthemums from Frank Putnam, of Tewkesbury, attracted much attention. Among them were many fine commercial varieties, such as Chas. Kingsley, Mrs. W. Buckingham, Mrs. Tom Carr, Phyllis Bryant and Glorious. S. R. Covey of Walpole, N. H. showed a table of new French seedling single chrysanthemums among which were some fine colorings and novelties. The begonias were very good this year, fine specimens of Begonias de Lorraine and Cincinnati being shown. The Begonia Mrs. Heal also was very fine. There were 11 entries for the table decorations and many new and novel ideas were brought out. The class for the most artistic vase of chrysanthemums also had keen competition. Both first and second prize was won by W. W. Edgar Co., Waverly, Mass., with vases of Bonnaffon and Chas. Razer with oak leaves for foliage. Penn. the Florist, won the honors on the home decoration with a very pretty display of baskets and vases, pompons being used to the greatest extent.

The Appleton silver medal for the best chrysanthemum plant in the exhibition was won by Galen L. Stone, with Garza. Mrs. J. Gardner had a

fine display of chrysanthemum plants, winning first prize for the class, A. M. Davenport, Watertown, Mass., being second. Wm. H. Elliot, Boston, also had a fine lot of plants. Among the good varieties were noted August Dasse, Mary Pope, Pink Caprice, Garza, Butler's Caprice, Caprice du Printemps and Margaret Sargent. A. N. Davenport's display of flowering and foliage plants was exceptionally fine and well staged. R. & J. Farquhar & Co., Boston, also had a fine showing of plants and nursery stock.

Kameyama & Seranda, of North Cambridge, Mass., had a display of pot chrysanthemums and foliage plants very artistically arranged with Japanese temples and a Buddha in stone. Wm. Sim, Cliftondale, Mass., had a nice display of pansies of his new strain.

The display of fruits and vegetables was very interesting, many fine specimens being shown. A table of domestic and foreign fruits arranged by Mrs. H. Goodnough was very artistic and excited much comment. The awards were given as follows:

Foliage and flowering plants—A. M. Davenport, first; W. W. Edgar Co., second.

Orchids—F. J. Dolansky, three first prizes; Wheeler & Co. and Miss Cornelia Warren, one second prize each.

Evergreen trees and shrubs—Breck, Robinson Co., first; Old Town Nursery, second.

Chrysanthemums—H. E. Converse, four first prizes; Frank P. Putnam, two first and one second prizes; A. M. Davenport, one first and two second prizes; Mrs. C. G. Weld, one first and two second prizes; Jason S. Bailey, one first and one second prize; Mrs. J. L. Gardner, G. S. Stone, Mrs. Lester Leland and W. H. Elliott, one first prize each.

Begonias—Mrs. C. G. Weld and A. M. Davenport, one first prize each; G. Stone, one second prize.

Carnations—A. A. Pembroke, two first prizes; Wm. C. Rush and James Wheeler, one first prize each; M. A.



D. HILL NURSERY CO.'S JAPANESE GARDEN AT THE CHICAGO SHOW.

Patten Co., C. S. Strout and Chas D. Sias, one second prize each.

Table decorations—F. J. Dolansky and Henry R. Comley, one first and one second prize each; Boston Cut Flower Co., one first prize; Mrs. Christine Finlayson, one second prize. Gratuities: James Wheeler, S. J. Goddard, Peter Fisher and A. A. Pembroke.

First class certificate of merit to Littlefield and Wyman for Carnation Theo.

Samuel Appleton Fund award for best chrysanthemum plant on exhibition—G. S. Stone with Garza, silver medal.

Gratuities—Miss Cornelia Warren, group of plants; Kamehama Terada, group of plants and flowers; A. Leuthy & Co., display of palms; W. W. Edgar Co., display of palms; S. R. Cowey, seedling chrysanthemums; George Detlefsen, seedling pompon chrysanthemums; W. D. Hathaway, dahlia; Edward Winkler, Carnation Morning Glow; Waban Rose Conservatories, vases of roses; George F. Stewart, Cattleya Trianae; Kidder Bros., violets; William Sim, pansies; Belcher's Flower Shop, table decoration.

Silver medals—William C. Winter, Davallia Mooreana; Waban Rose Conservatories, new Rose Mrs. Bayard Thayer; R. & J. Farquhar & Co., artistic display of plants and flowers.

First class certificates of merit—Edwin S. Webster, new winter-flowering Begonia Optima; A. W. Preston, hybrid Cattleya Moira; Ernest B. Dane, hybrid Cattleya Moira.

Honorable mention—Mrs. C. G. Weld, Ipomoea Heavenly Blue; F. E. Palmer, arrangement of window plants; George Detlefsen, new Heliotrope Elsie; Gen. S. M. Weld, three plants *Dracaena indivisa* var. *Parei excelsa*; George Detlefsen, new anemone-flowered *Chrysanthemum Waverly Star*.

Vote of Thanks—F. J. Dolansky, *Cattleya labiata* varieties.

Horticultural Society of New York.

The fall exhibition of the Horticultural Society of New York, opened on the evening of November 4, in the American Museum of Natural History, Central Park West and Seventy-seventh street and continued through November 7. Superintendent John Young, Secretary George V. Nash and force of assistants were active and had everything in readiness at the opening hour. The weather on the opening night was rainy and disagreeable, but there was a large attendance the following day and evening, and the crowd, Saturday, November 6, was a record breaker. The weather was clear and cool and old and young took advantage of it to the fullest extent. A meeting of the board of directors of the society was held during the afternoon.

The genius of John Canning, superintendent of the estate of Adolph Lewisohn, Ardsley, N. Y., again came to the front in an exhibit of bush chrysanthemums superior to his previous efforts, which it may be said in passing, have added greatly to the attractiveness of these shows in previous years. The doors of the American Museum conform to the size of the structure, but the doors of the receiving department had to be taken off to admit the yellow bush plant, R. F. Felton, which is 17 feet in diameter, six feet in height and bears over 1,500 blooms. This plant took the society's silver cup, which is valued at \$100. Lady Lydia, white, and Greystone, bronze, each 12 feet in diameter; grown by superintendent Canning, were also first prize winners, the prizes being \$50 for each. Lady Lydia makes a better flower than R. F. Felton, and their symmetry and that of the plant were as much admired as the size of the "big fellow."

An extensive and unusual exhibit was that of J. B. Duke, Somerville, N. J., arranged under the personal direction of the superintendent, A. A. Mac-

Donald. This display occupied a large space arranged around a small fountain, and was supposed to represent the various products of the estate as far as it was possible to stage them, and included orchids, roses, chrysanthemums, carnations and other flowering stock, with palms, ferns and crotons used freely as a background and in relief. Grapes, apples and a variety of vegetables were also featured. This exhibit was awarded the society's gold medal.

A feature not often seen in an exhibition at this season, was the display of flowering lilac, by John Scheepers & Co., Inc., New York. Spireas and Hiy of the valley were included. The lilac plants were of the white variety, Mary LeGrave, which Mr. Scheepers thinks is the only variety that can be brought in at this season. The bloom was of fine quality. They were awarded a silver medal.

F. R. Pierson Co., Tarrytown, N. Y., made an excellent display of *Nephrolepis exaltata* and its varieties for which it was awarded first prize. Scott Brothers, Elmsford, N. Y., for a collection of 25 varieties of pompon chrysanthemums were awarded first prize and first honors for a collection of singles. Orchid flowering sweet peas of excellent quality were exhibited by George T. Schuenemann, Baldwin, N. Y.

For six plants of orchids, not less than three varieties, in bloom, Lager & Hurrell, Summit, N. J., were first; also, for collection of cypripediums in bloom, 12 varieties, covering 25 square feet. Their exhibit was very attractive. George Schlagel, Bay Ridge, Brooklyn, N. Y. (S. G. Milosy, Gr.), also made a very fine orchid exhibit and took first in the following classes: For three plants, three varieties, in bloom; for collection not less than 25 species and varieties, covering 50 square feet; for six plants not less than three varieties in bloom.

Clement Moore, Hackensack, N. J., took the gold medal for display of Laelio-cattleyas, Brassia-cattleyas, Brassia-laelias or hybrid cattleyas covering 25 square feet. He also received a special certificate for a vase of Eucharis Amazonia. Joseph A. Manda, West Orange, N. J., received a silver medal for a specimen plant of Cattleya labiata.

Charles H. Totty, Madison, N. J., took six first prizes for cut chrysanthe-

W. A. Manda, South Orange, N. J., exhibited foliage plants and dahlias; Chas. Weber, Lynbrook, N. Y., exhibited his new carnation, Laura Weber, which received special mention; A. L. Miller, Jamaica, N. Y., exhibited Otaheite oranges and Salvia Greggii; Wm. Tricker, Arlington, N. J., exhibited water lilies and winter flowering hybrid begonias; Robert G. Wilson, Brooklyn, N. Y., received a bronze medal for a new fern.

ney, second; Mrs. Pauline Boettger, third.

Roses, commercial growers—F. R. Pierson Co., two first and two second prizes; L. A. Noe, two first and one second prize; Chas. H. Totty, silver medal.

Roses, non-commercial—J. B. Duke, three first prizes; Henry C. Sturgis, two first and one second prize; Samuel Untermeyer, one first and two second prizes; Author Cooley and Mrs. Pauline Boettger, one second prize each.

Carnations, commercial—Cottage Gardens Co., two first prizes; Springfield Floral Co., two second prizes.

Carnations, non-commercial—J. A. MacDonald, four first prizes; Mrs. Payne Whitney, one first and two second prizes; H. C. Sturges, one first and one second prize; Arthur Cooley, one second prize.

Foliage and decorative plants—Mrs. F. A. Constable, five first prizes; F. R. Pierson Co., one first and one second prize; Mrs. Pauline Boettger, one first and three second prizes; A. Lewisohn, one first prize.

Orchids, commercial—Lager & Hursell, first in all classes.

Orchids, non-commercial—Geo. S. Schlegel, four first prizes; Clement Moore, one first prize.

Orchid, cut blooms—Clement Moore, first.

Special prizes—Bobbink & Atkins, collection of chrysanthemums, special mention; Mrs. F. A. Constable, for specimen of Adiantum Croweanum, cash, for two specimen palms, cash, for collection of nerines, silver medal; Mrs. H. Darlington, for display of dahlias, cash; J. B. Duke, general display of products from Duke's Farm, gold medal and cash; H. Gaut, vase of bronze seedling chrysanthemum No. 19, certificate, vase apricot seedling chrysanthemum, special mention; Adolph Lewisohn, for two-bush chrysanthemum plants, cash; Jas. A. MacDonald, for carnation seedlings, special mention; J. A. Manda, for specimen of Cattleya labiata, silver medal; W. A. Manda, for collection of ferns and foliage plants, silver medal, for collection dahlias, special mention; A. L. Miller, for Salvia Greggii, special mention, for Otaheite oranges, certificate of merit; Clement Moore, for vase of Eucharis amazonica, certificate of merit; A. N. Pierson, Inc., for display of new roses, carnations and chrysanthemums, silver medal; Mrs. W. H. Pullan, for plate of pears, special mention; Julius Roehrs Co., for collection of chrysanthemums, special mention; John Scheepers & Co., Inc., collection of lilies, spireas, etc., in flower, silver medal; Max Schling, artistic designs,



MANGEL'S DISPLAY AT THE CHICAGO SHOW.

mums. Other first prizes for cut chrysanthemums were taken by John Canning; Mrs. Payne Whitney, Manhasset, N. Y. (L. G. Forbes, Gr.); Edwin Jenkins, Lenox, Mass.; Mrs. F. A. Constable, Mamaroneck, N. Y. (Jas. Stuart, Gr.); second prizes were awarded to D. E. Oppenheim, Yonkers, N. Y. (Alex. MacDonald, Gr.) and Arthur Cooley, Pittsfield, Mass. (E. W. Edwards, Gr.).

In the rose section, L. A. Noe, Madison, N. J., was first in the classes for 50 American Beauties and 50 White Killarneys. F. R. Pierson Co., Tarrytown, N. Y., being second in both, but the Pierson entries in the classes for 50 Sunburst and 50 Killarney Queen carried off first honors, the Noe exhibit in the last named being second. For a new rose not in commerce, Chas. H. Totty was first with a pink seedling. In the classes for non-commercial growers of roses, first prizes were taken by J. B. Duke, H. H. Sturges and Samuel Untermeyer, Yonkers, N. Y., (Jas. Macdonald, Gr.). Arthur M. Cooley and Mr. Untermeyer also took second prizes.

In carnations, the Cottage Gardens Co., Queens, N. Y., with 50 Crystal White, took first, and with 50 Cottage Maid took first for pink of Enchantress shade. The Springfield Floral Co., Springfield, N. J., took second with White Wonder and second with Enchantress Supreme. James Macdonald, Flushing, N. Y. (R. Hughes, Gr.), captured a silver medal and other first prizes in the classes for non-commercial growers. Mrs. Payne Whitney and Henry C. Sturges, Fairfield, Conn. (Henry Kilbury, Gr.), also took first prizes.

A special prize was awarded Mrs. H. Darlington, Mamaroneck, N. Y. (P. W. Popp, Gr.), for a display of dahlias.

A. N. Pierson, Inc., Cromwell, Conn., made an extensive display of roses and hardy chrysanthemums. Bobbink & Atkins, Rutherford, N. J., made a display of pompons and the Julius Roehrs Co., Rutherford, N. J., displayed hardy chrysanthemums. Another extensive exhibit of hardy chrysanthemums was by Richard Vincent, Jr. & Sons Co., Whitmarsh, Md.

Max Schling made a display of C. H. Totty's new rose, Gorgeous, in baskets and vases; also a table decoration which was not placed in competition.

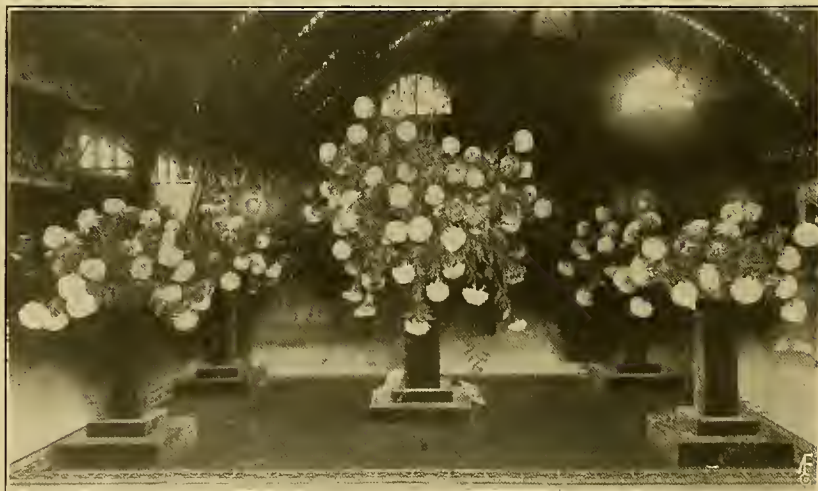
Prizes in the various divisions were awarded as follows:

Chrysanthemum plants—Samuel Untermeyer, four first prizes; A. Lewisohn, one first prize; Mrs. F. A. Constable, one first prize; Mrs. Payne Whitney, one second prize.

Chrysanthemum cut blooms, commercial—C. H. Totty, five first and three second prizes; Scott Bros., three first prizes.

Chrysanthemums cut blooms, non-commercial—A. Lewisohn and Mrs. F. A. Constable, four first prizes each; Edwin Jenkins and Fredrick Sturgis, one first prize each; Arthur Cooley, five second prizes; D. E. Oppenheimer, two second prizes; Adrian Iselin, one first and one second prize; Mrs. Payne Whitney and Mrs. Pauline Boettger, one second prize each.

Dinner table decoration, open to all—A. Lewisohn, first; Mrs. Payne Whit-



GEO. WIENHOEBER'S DISPLAY AT THE CHICAGO SHOW.



OFFICERS AND DIRECTORS OF THE CHICAGO FLOWER GROWERS' ASSOCIATION.
Reading From Left to Right, Top Row: Joseph Schoos, Anton Then, Rudolph Ellsworth, Chas. McCauley, Paul Klingsporn.
Bottom Row: Fred Schramm, Edw. Meuret, George Weiland and Fred Stielow.

certificate; G. T. Schuneman, 3 vases sweet peas, special mention; Scott Bros., for Chrysanthemum White Doty, certificate of merit; Chas. H. Totty, new roses, silver medal, for collection of chrysanthemums, special mention; Wm. Tricker, for winter-flowering begonias, certificate of merit, for *Nymphaea Panama-Pacific*, certificate of merit; R. Vincent, Jr., & Sons Co., for display of hardy chrysanthemums, special mention; Chas. Weber, for new carnation Lanra Weber, special mention; Robt. Wilson, for new fern, bronze medal.

The judges were: Walter Angus, Chapinville, Conn.; John B. Urquhart, Lands End, Newport, R. I.; Alex. Michie, Memorial cemetery, Cold Spring Harbor, N. Y.; Robert Walker, Bridgeport, Conn.; Jas. Ballantine, Ridgefield, Conn.; Geo. H. Thompson, Lenox, Mass.

American Institute Exhibition, New York.

The eighty-fourth annual "Fair", as the promoters are pleased to call it, of the American Institute of the City of New York, was held in the Engineering building, 25-33 West 39th street, November 3-5. There was a very excellent display of chrysanthemums of all types and good roses, carnations, violets and a variety of pot plants were also noteworthy. Private gardeners made fine displays of a great variety of the large exhibition chrysanthemums, and a number of commercial growers were well represented. Some of the older varieties that have been with us for years, were again prize winners. In whites, it would appear to be hard to beat William Turner, Wells' Late Pink was another prize winner that made a grand display. Other fine stocks that created an impression and won prizes were: Mary Donnellan, yellow; Glen

View, bronze; Mrs. R. C. Pulling, yellow; Mrs. J. P. Mitchell, white; James Fraser, yellow; H. E. Converse, bronze chestnut crimson; Annie L. Angus, white; J. A. Miller, bronze; Odessa, yellow; Mme. L. Rosseau, pink; Pocket's Crimson; Gertrude Peers, crimson; Clara Banghart, chestnut red, and W. Duckham, pink.

The displays of hardy and pompon stock were fine. Groups were arranged by the following well known commercial growers: C. H. Totty, Madison, N. J.; A. N. Pierson, Inc., Cromwell, Conn.; R. Vincent, Jr. & Sons Co., White Marsh, Md., and C. L. Stanley, Plainfield, N. J. Scott Brothers, Elmsford, N. Y., exhibited various types of chrysanthemums, among them being a new white Doty, which should prove a very useful flower in design and bouquet work.

In roses, A. N. Pierson, Inc., Cromwell, Conn., exhibited fine stock of Key, a red Radiance, Hoosier Beauty and Mrs. Wm. R. Hearst. C. H. Totty, Madison, N. J., exhibited his new pink seedling and Gorgeous. A variety of well known carnations were exhibited. A. N. Pierson, Inc., exhibited Good Cheer, a promising pink. Howard Gould, Port Washington, L. I., N. Y., (William Vert, grower), exhibited a fine collection of Rex begonias and other varieties of begonia, winter flowering hybrids being noteworthy. W. B. Thompson, Yonkers, N. Y., (R. M. Johnston, gardener), exhibited Begonia de Lorraine, also a first prize winner. Lager & Hurrell, Summit, N. J., staged orchid plants in varieties and were awarded first prize. William Tricker, Arlington, N. J., displayed water lilies.

G. E. M. Stumpp, Fifth avenue and 58th street, New York, arranged table and other decorations, in which roses, hardy chrysanthemums and other stock

were effectively used. Max Schling, 22 West 59th street, New York, made a good decorative display. A spray of *Oncidium* orchids and hardy chrysanthemums on an easel, was artistic; also, a vase of large chrysanthemums, the vase being decorated with smaller flowers.

For 24 blooms of Wells' Late Pink, Mrs. Morton F. Plant, (Ernest Robinson, Gr.), Groton, Conn., received a silver medal and medal of superiority. Other first prizes won by Mrs. Plant were for 10 blooms of any white, 10 blooms of any pink; 10 blooms of any yellow, 10 blooms of any crimson, six blooms of any white, six of any pink, six of any yellow, six of any crimson, six of Japanese incurved, any white, six of Japanese reflexed, any yellow, also, for 15 pink cut roses.

First prizes won by Percy Chubb, Glen Cove, N. Y., (Robert Jones, Gr.), were for 12 varieties of chrysanthemums, one bloom of each, on 10-inch stems; 10 blooms of chrysanthemums in variety, six blooms of Japanese incurved chrysanthemums, any crimson variety; 18 chrysanthemum blooms in six varieties and 18 blooms in three varieties.

Ralph Pulitzer, Manhasset, N. Y., (Frederick Hitchman, Gr.), first prizes were for six varieties of chrysanthemums, one bloom of each, 10-inch stems; six blooms of Japanese incurved chrysanthemums, any bronze variety; six blooms of Japanese reflexed, chrysanthemums, any pink variety; six blooms Japanese reflexed, any crimson variety; six blooms, Japanese reflexed, any bronzed variety; one specimen chrysanthemum bush plant, 12 chrysanthemum plants in variety.

Howard Gould won first prize for 10 chrysanthemum blooms in any bronze variety; one specimen chrysanthemum chrysanthemums, any pink

variety; six blooms, Japanese reflexed, any white variety; six blooms, Japanese incurved, any yellow variety; the best 12 blooms of American Beauty roses, best 15 blooms of white roses, best 15 blooms of crimson roses, best collection of Rex begonias.

Mrs. John Crosby Brown, Orange, N. J., (Peter Duff, Gr.), won first prizes for one specimen of chrysanthemum bush plant, white; one specimen bush plant, yellow; one specimen hush plant, any color; one specimen standard plant, white, not less than 24 inches in stem;

blooms in 24 different varieties, one of each, 10-inch stems. In this competition, Scott Brothers, Elmsford, N. Y., took second. L. M. Noe, Madison, N. J., took first for the following roses: American Beauty, Mrs. Geo. Shawyer, Lady Hillingdon and White Killarney. The varieties of exhibition chrysanthemums, already named above, entered largely into the prize winning. We may add Pres. Viger, pink; Frances Joliffe, yellow; Mrs. Gilbert Drabble, white; Mary Mason, bronze-red, and W. Woodmason, variegated.

Toledo Flower Show.

The virgin effort of the Toledo Florists' Club in the line of a public exhibition of flowers and floral work, culminated in a complete and gratifying success. The Museum of Art, in which the show was held, starting Sunday, November 7, and continuing to Tuesday evening, was crowded during the three days. This is the first time that the local club has attempted to make a public display, and in order to insure a good attendance, admission was free to the public. On the opening day over 10,000 people passed through the turnstiles, and many were the exclamations of admiration that burst from their lips as the full beauty of the scene dawned upon them. The wonderful architecture of the building lent itself admirably for such a magnificent exhibition of nature's handiwork, and full advantage was taken of this fact by the decorating committee, which was composed of Miss Helen Patten, Henry Klunder and Earl Metz. The pillars were adorned with southern smilax and various groupings of statuary throughout the museum were surrounded by artistic settings of palms, ferns, chrysanthemums and other plants, arranged by the Scottwood Greenhouse, Harry Heintz, S. N. Peck, Paul Timm, E. A. Kuhnke, J. L. Schiller, Krueger Bros., and Chris Winterich of Defiance, O. The exhibits of the growers were arranged around the walls of the museum, and immediately above them hung works of art, making a combination that was simply superb.



FRIEDMAN'S DISPLAY AT THE CHICAGO SHOW.

one specimen standard plant, pink, 24-inch stem; one specimen standard plant, yellow; 24-inch stem.

C. K. Billings, Oyster Bay, N. Y., (Jas. Bell, Gr.), first prize for six blooms of chrysanthemums, anemone, any white variety; six blooms, anemone, any yellow variety, six blooms, anemone, any pink variety.

Mrs. Payne Whitney won first prizes for the best six varieties of cut carnations, 12 blooms of each, and the best bunch of 100 single violets.

Thomas N. McCarter of Rumson, N. J. (Wm. Cameron, Gr.), won first prize for best 15 blooms of yellow roses, the best three varieties of carnations, 12 blooms each, and the best vase of carnations of one variety, 12 blooms.

R. E. Jones of Seabright, N. J., won first prizes for exhibits of six blooms of chrysanthemums, anemone, any crimson variety, and six blooms, anemone, any bronze variety.

Other first prizes were won by Howard F. Borden of Oceanic, N. J. (Geo. A. Kuhn, Gr.), for six blooms of carnations, any bronze variety; by C. L. Stanley of Plainfield, N. J., special prize for the best collection of 20 vases of hardy chrysanthemums; by Charles Mallory of Port Chester, N. Y. (W. Y. Sealy, Gr.), for the best collection of 10 vases of pompons; by Samuel Untermyer, Greystone, N. Y. (Wm. F. Gordon, Gr.), for six chrysanthemum plants of one variety, and by William B. Thompson of Yonkers (R. M. Johnston, Gr.) for the best six pots of Lorraine begonias.

The prizes, most of which were cash, were all given by the American Institute and will go to the gardeners employed by the exhibitors.

In commercial classes, Charles H. Totty took the following first prizes: For a vase of new single varieties of chrysanthemums; for a vase of six of a new pink; for a vase of new yellow, named William Rigby. In roses, Mr. Totty took first for 25 blooms of Hoosier Beauty and first for 25 blooms of Francis Scott Key. He also took first for 24 blooms, special prize for his new pink seedling, one variety of yellow chrysanthemums and first for 24

Special prizes were awarded in chrysanthemums as follows: Mrs. Payne Whitney for six varieties of one flower each, and to H. T. Borden and Dr. D. T. Millsbaugh, Paterson, N. J. (Robert Petrie, Gr.), for similar exhibits. Special prizes were awarded Thomas McCarter, Percy Chubb and Mrs. Payne Whitney, each for six blooms of the white Japanese incurved variety, William Turner.

The judges were: John McNicoll, Alex. McKenzie, Eugene Dailedouze, Peter Duff, George Middleton and William Turner. William C. Rickards superintended the exhibition and W. A. Eagleson acted as secretary.

The main idea of this exhibition was a publicity effort to educate the people of this city to a love of flowers, and to induce a higher standard of flower buying. This object was attained in the fullest measure, judging from the many commendatory comments that were heard. The room in which the table decorations of the leading retailers were shown was the center of interest throughout the show. No prizes were awarded on these tables, yet each was a masterpiece of art, grace and originality.

Probably the most unique table on display was that of Metz & Bateman, and designed by Earl Metz. It was styled a debutante table. The center



LILACS AT THE NEW YORK HORTICULTURAL SOCIETY'S SHOW
Exhibited by John Scheepers Co., Inc., New York.

piece consisted of a May pole from which streamers led to an exquisitely gowned miniature lady at each cover. Each one of these dolls had a dainty corsage of Sweetheart roses. The center piece was surmounted by a basket of Mrs. Russell roses, and Ophelia roses were used in the base. This table was always surrounded by an admiring throng.

The table of Henry Klunder, of the Lindley Floral Co., revealed rare art and simplicity. The color scheme of gold and yellow was perfectly carried out. The center piece was made up of a basket of Ophelia roses and bronze pompons. Gold leaves were scattered about the table. The corsages and boutonnières were admirable.

Miss Helen Patten displayed a table, that, while simple, was none the less a work of art. The golden wedding table of S. N. Peck attracted much favorable attention. It was carried out with chrysanthemums and pompons, and the plates and setting were the hand-painted product of Mrs. S. N. Peck. One could almost imagine seeing a grey haired couple seated at this table—how they would have appreciated just such a decoration. Max Spanner's table was carried out with yellow pompons.

Schramm Brothers, realizing at once the value of such a show for publicity, took an entire room and made of it a regular paradise. Starting at the right of the room as the visitor entered, one's gaze was immediately attracted to a gorgeous living picture of Major Bonaffon chrysanthemums, surrounded by a large gold frame secured from the art museum with a background of rich green velvet. In front of this picture, two artificial figures of boys stood in an admiring attitude. Next to this living picture was arranged a table of novelties, baskets, corsages and boxes of plants in variety. In the first corner was a group of palms and ferns (grouped to the ceiling), in the center of which stood large pot chrysanthemums. In the left corner of the room was the table decoration. The center piece consisted of a base on which a cornucopia was mounted. This was filled with Ophelia roses, and as the table was called the bride's table, these were arranged similar to a bridal bouquet with showers of lily of the valley. *Adiantum Farleyense* was used for streamers. To complete the setting, a colored waiter stood at attention next to the serving table, which was fully equipped with the regulation silver service. In the center of the room was a large exhibit of various pot plants, ferns and other novelties. During the show, Schramm Brothers, with rare enterprise, published a daily paper containing interesting notes about the exhibition, notes on how to take care of ferns and plants, etc. Their exhibit of the handsome folders in colors that are sent out periodically attracted much attention.

Although ribbons were the only prizes that were offered to the growers, every one of them went into the show with much friendly rivalry, with the result that some splendid specimens were on display. The novelties exhibited by Elmer D. Smith & Co., of Adrian, Mich., made a great hit. Splendid specimens of *Begonia Gloire de Chatellaine* and *Cincinnati* were shown by Chris Winterich, of Defiance, O. The Bonaffon chrysanthemums of George Bayer & Son, Toledo, as usual, took all the ribbons in their class. Krueger Bros. exhibited some specimens of the new improved Whitmani ferns. The William Turner chrysanthemums staged by the Scottwood Greenhouses were constantly admired. An exact reproduction of the corsage bouquet of orchids and lily of the valley that President Woodrow Wilson daily sends to his fiancee was the work



AT THE BOSTON SHOW.

of Henry Klunder of the Lindley Floral Co.

The judges were George W. Stevens, director of the Art Museum, and C. A. Schmettau. One of the features of the show that was much patronized was the moving pictures of plant life and the interesting lectures of J. L. Schiller on how to take care of plants and how to plant bulbs. Taken all in all, the first annual flower show of the Toledo Florists' Club was such a grand success that the club is already making plans for a bigger and better exhibit next year.

The awards were as follows:

Vase of Chrysanthemum Chieftain, 25 blooms—Geo. Bayer & Son, Toledo, 1st; Harry Heini, Toledo, 2nd.

Vase of Chrysanthemum Wm. Turner, 25 blooms—Geo. Bayer & Son, 1st; Geo. Ford estate, 2nd.

Vase of Chrysanthemum Major Bonaffon, 25 blooms—Geo. Bayer & Son, 1st; Scottwood Greenhouses, 2nd.

Vase of Chrysanthemum Dolly Dimple, bright yellow—Geo. Ford estate, 1st.

Pompons — Emil Kuhnke, Toledo, first prizes for Buckingham, Diana, Ive, Fairy Queen, Kroeschell Sport, Garza and Bronze Klondyke.

Carnations—Krueger Bros., Toledo, with Enchantress, 1st; with vase of O. P. Bassett, 1st and 2nd; L. C. Bauman, with Enchantress, 2nd; Henry Miller, with Matchless and Harold, 1st and 2nd.

Roses—Harry Heini, with Ophelia, Pink Killarney and White Killarney, 1st; Krueger Bros., with Richmond, 1st and 2nd; with My Maryland, 1st; with Kaiserin Augusta Victoria, 1st and 2nd. A. C. K.

Tarrytown Horticultural Society.

The seventeenth annual flower show of the Tarrytown Horticultural Society was held in Music hall, Tarrytown, N. Y., November 3-5. The exhibition brought forth splendid displays of decorative plants and cut blooms, noteworthy among them being a fine arrangement of palms, foliage and flowering plants staged by Wm. B. Wilson, and which was awarded the Untermyer silver cup for the most meritorious exhibit. A fine display of ferns and baskets of Ophelia, Francis Scott Key, Sunburst, Mrs. Aaron Ward, Mignon and Hoosier Beauty roses exhibited by the F. R. Pierson Co., Tarrytown, was another splendid showing, as was the exhibit of pompon and

other chrysanthemums arranged by Scott Bros., Elmsford, N. Y. The Pierson and the Scott exhibits were not in competition, awards being limited to private estates only. The society's silver medal was awarded to Finley J. Shepard for seedling croton, Roxbury. A certificate of merit was awarded to Mrs. A. McEwen for seedling single chrysanthemums and six, standard chrysanthemums, Miss Cornelia A. Ruppert, exhibited by Jacob Ruppert, received a like honor. Cultural certificates were given to Finley J. Shepard for Phoenix Roebelenii and to J. C. Scheepers for specimen lilac in flower. Two exhibits staged by local schools attracted much attention.

The judges were: John T. Burns, New Canaan, Conn.; Ewen MacKenzie and N. Butterbach, New Rochelle, N. Y.; W. H. Waite, Rumson, N. J.; Jas. MacMahon, Tuxedo Park, N. Y.; Herbert H. Fletcher, Millbrook, N. Y.; Jos. Bradley, Dobbs Ferry, N. Y.; Jos. Mooney, Hastings, N. Y., and John Featherstone, North Tarrytown, N. Y. Prominent among the successful contestants were the following:

Chrysanthemums—Wm. B. Thompson (R. M. Johnston, Gr.), seven first and five second prizes; Joseph Eastman (Jas. Ballantyne, Gr.), five first and one second prizes; Mrs. F. E. Lewis, four first and one second prizes; A. Lewisohn (John Canning, Gr.), two first prizes; Finley J. Shepard (Chas. R. Russell, Sup't.), one first and two second prizes; Mrs. S. Neustadt, three first and two second prizes; Mrs. S. Hermann (Abel Weeks, Gr.), one first and three third prizes; E. Berolzheimer (Robt. Angus, Gr.) one first and one second prizes; Hugh Hill (Robt. Grieve, Gr.), one first and two third prizes; David Luke (John Elliott, Gr.) and D. G. Reid (A. Golding, Gr.), one first, one second and one third prizes each; Mrs. Carl Vietor (T. A. Lee, Gr.), one first and one third prizes; Charles Mallory and Paul M. Warburg, one first prize each; Dr. C. C. Brace and Mrs. I. N. Seligman, one second prize each.

Pot plants, miscellaneous—Finley J. Shepard, three first and one second prizes; Wm. B. Thompson, two first and five second prizes; A. Lewisohn, two first and one second prizes; Theo. Trevillian, one first prize.

Violets—Richard Langle, two first prizes; J. Allen Townsend, one first prize; Dr. C. C. Brace and Finley J. Shepard, one second prize each.

Floral decoration for table—Castle Gould (Wm. G. Ellis, Gr.), first; A. Lewisohn, second; Wm. B. Thompson, third.

Bridal bouquet—D. G. Reid, first; Miss Bertha Berger, second; Paul M. Warburg, third.

Roses—Mrs. F. E. Lewis, Wm. B. Thompson, Richard Delafield and Mrs. E. S. Bayer, first prizes.

Basket of cut flowers—Paul M. Warburg, first; Miss Belle Scott, second.

Centerpiece for table—Mrs. I. N. Seligman, first; Mrs. S. Herrmann, second.

Carnations—Mrs. S. Herrmann, three first and three second prizes; D. G. Reid, three first and five second prizes; Mrs. F. E. Lewis, four first prizes; J. J. Riker, three first and one second prizes; Mrs. I. N. Seligman, one first and one second prizes; Jos. Eastman, Dr. C. C. Bruce, Scott Bros. and F. R. Pierson Co., one first prize each; W. B. Thompson, Mrs. E. S. Bayes and Stuyvesant Fish, second prizes. Awards were also made in classes for fruit and vegetables and there were special classes for amateurs.

Among the special prizes awarded was a silver medal to Finley J. Shepard, and a silver cup to Wm. B. Thompson. The Elmsford Nurseries were given a certificate of merit for vase of white Lillian Doty chrysanthemums. E. W. NEUBRAND, Sec'y.

Menlo Park Fall Show.

The fall flower show of the Menlo Park Horticultural Society was held in the Public School building, Menlo Park, Calif., October 29-31, and the exhibition committee, consisting of D. Bassett, chairman; J. M. Daly, G. Nunn, Percy Ellings and D. W. Slade arranged an exhibition that was a credit in every way. The judges were W. S. Clack, Mayfield; T. Sandiford, San Rafael; H. Plath, San Francisco; E. James, Elmhurst, and C. W. Johnson, Chicago.

In the class for decorative, flowering and foliage plants, the San Mateo commission staged a fine exhibit of bougainvillea, palms, crotons, celosias and chrysanthemums. This display occupied a space of 150 square feet and was awarded first prize, the exhibit of L. Stern (D. Bassett, Gr.), being second. This competition brought forth the finest collection of crotons ever shown on the Pacific coast, if not in America. The stock shown was grand. The Stern entries took first place in all entries for stove foliage plants, all being very fine specimens. In the orchid section, L. Stern was also first with a very good display, while to G. Roos went the honors for the best specimen orchid, his entry being a wonderful specimen of *Cypripedium insigne*.

In the chrysanthemum classes, the stock was very even and of supreme quality, the varieties represented being Nerissa, Odessa, Mrs. G. Drabble, Wm. Turner, James Fraser, Tekonsha, Earl Kitchener, Silver King, Elberon, Mrs. Lloyd Wigg, Mrs. H. J. Jones, Flamingo, Mrs. A. S. Watt, Ongowa, Mendon, Smith's Sensation, Kewanee, Mrs. H. Stevens and Lord Hopeton. These were staged by the Lynch Nursery Co. and the exhibit was awarded the society's silver cup. L. Stern staged a splendid lot of finely finished blooms, which took second prize.

Awards in various classes were as follows:

Chrysanthemums—Lynch Nursery Co., eleven first prizes; C. Smith, four first and two second prizes; H. L. Goertzahn, two first prizes; A. McDonald, two first prizes; G. Roos, two first and three second prizes; L. Stern,

one first and two second prizes; Wm. Young, two second prizes; Leroy Nickel, D. Bassett, Mrs. Oyster, T. C. Walker and S. M. Spaulding, one first prize each; Mrs. Walters, two second prizes; F. Mills, one first and one second prize; Mrs. Jennings, one second prize.

Dahlias—Bessie Boston Dahlia Farms, two first and two second prizes; L. Stern, two first and two second prizes; Mrs. E. S. Heller and Burns & Co., one first prize each; A. McDonald, one second prize.

Carnations—F. Mills, first, and Lynch Nursery Co., second, in all classes.

Tuberous begonias—J. L. Nickel, one first; Mrs. A. H. G. Hohn, one first; Burns & Co., one second.

Herbaceous flowers—J. B. Smith, first.

Annuals—J. B. Smith, first; S. M. Spaulding, second.

Ferns, arranged for effect—San Mateo Commission, first; G. Roos, second.

Specimen ferns—G. Roos, first in all classes.

The splendid displays of fruits and vegetables were also noteworthy features, and awards in these sections were given to the following exhibitors: G. Pope, L. Stern, Mrs. J. Donohoe, J. Leroy Mitchell, Mrs. Walters.

E.

Worcester County Hort. Society.

The annual chrysanthemum show of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, Mass., November 4-5, and was largely attended. The hall was tastefully decorated, being laid out as a garden with walks winding through the palms, bay trees and flowers. On the stage, an orchestra, hidden in greenery, furnished music. In the center of the hall was a six-foot column of white and yellow chrysanthemums, banked with fern, arranged by Harry Randall. Two semi-circular gardens, consisting of chrysanthemums and greens, were on each side of the hall, one furnished by Walter D. Ross and the other by the Sunnyside Greenhouses. A colonial garden by Edward W. Breed, president of the society, attracted considerable attention, as did Harry Randall's remarkable display of



ORCHIDS AT THE PANAMA-PACIFIC EXPOSITION, OCTOBER 21-26

Exhibited by J. A. Carhone, Berkeley, Calif. See Issue of October 30, Page 745.

bouquets and baskets, among which were some fine gardenias and cactylas. H. F. A. Lange's table decoration of lily of the valley, Mrs. Taft roses and maidenhair ferns and his display of roses were very good. The chrysanthemums of Mrs. George W. Knowlton and Mrs. John C. Whitin were especially noteworthy. The awards were:

Display of plants and flowers—Worcester Conservatories, first; W. D. Ross, second; E. W. Breed, third; Sunnyside Greenhouses, fourth.

For special exhibits, first prizes were awarded to H. J. Randall, floral display; H. F. A. Lange, cut flowers and pot plants; H. F. A. Lange, bay trees and box ferns; Harry J. Randall, centerpiece of chrysanthemums; Leonard C. Midgley, display of flowers.

Display of cut flowers—Mrs. H. L. White.

Pot of begonia—Mrs. W. E. Sargent.

Plants—Mrs. H. L. White.

Display of carnations—W. A. Estbrook.

Display of carnations—Sunnyside Greenhouses.

Fern cases—Mrs. Henry S. Bancroft, first; Mrs. A. E. Ackley, second; Mrs. Joseph F. Jacques, third; Mrs. W. E. Sargent, fourth.

Chrysanthemums — Mrs. Geo. W. Knowlton, six first and one second prizes; Mrs. John C. Whitin, one first, three second and three third prizes; L. C. Midgley, one first and two second prizes; Alfred Thomas, three first and one second prizes; Sunnyside Greenhouses, one first and one second prize; Alfred H. Knight, one first prize.

Table Decorations—H. F. A. Lange, first; Mrs. L. C. Midgley, second; Mrs. Percy G. Forbes, third; Allen Jenkins, fourth.

R.

Fort Smith Flower Show.

Over 500 residents and visitors of Fort Smith, Ark., attended the most beautiful display of cut flowers and plants ever held in that city, November 5-6, the occasion being the fall flower show under the auspices of Sparks Memorial hospital, and under the able management of George Rye, "Some Florist", it was a sweeping success. Mr. Rye secured displays for the exhibition from numerous states, well known growers sending splendid exhibits that were centers of admiration at all times. A splendid musical programme rendered by the Fort Smith cadet band was a pleasing feature of the show.

Chas. H. Totty, Madison, N. J., was represented in a display of a number of his 1915 chrysanthemum novelties, which included Mrs. J. P. Mitchel, Mrs. L. J. Reuter, Bob Pulling, Earl Kitchener, A. S. Baldwin, Mrs. G. L. Wiggs and a display of many varieties of pompons. Elmer D. Smith & Co., Adrian, Mich., also had a splendid showing of their 1915 varieties, among their creations being Calumet, Algonac, Artista, Kewanee, Silver King and Josephine Foley.

Poehlmann Bros. Co., Chicago, made a handsome display of roses, 10 different varieties of blooms of exceptional quality being noticeable in the vases of Hadley, Milady, Hoosier Beauty, Richmond, Sunburst Ophelia, Mrs. Aaron Ward, Mrs. Wm. Taft and the Killarneys, both white and pink. This firm carried off the sweepstakes prize, a silver cup. The Poehlmann exhibit also included eight vases of chrysanthemums in the commercial varieties.

From Council Bluffs, Ia., J. F. Wilcox & Sons, Inc., sent splendid vases of roses, and the seven vases of Sunburst, Killarney, pink and white, Mrs. Shawyer, Ophelia, Mrs. Aaron Ward and Mrs. Chas. Russell, were most attractively arranged by Manager Rye and



LARGEST CHRYSANTHEMUM BLOOM AT PANAMA-PACIFIC EXPOSITION.

Variety Wm. Turner Exhibited by the Lynch Nursery Co., Menlo Park, Calif. Diameter 8½ Inches. See Issue of October 30, Page 745.

his assistants. The Joy Floral Co., Nashville, Tenn., showed four vases of Ophelia and Mrs. Russell which were very fine. W. H. Gullett & Sons, Lincoln, Ill., showed two vases of Killarney, pink and white varieties, which were of high standard of excellence.

In the carnation section, A. T. Pyfer & Co., Chicago, staged several vases of fine blooms, the variety Wilmette, making an instantaneous hit in this firm's exhibit. The J. D. Thompson Carnation Co., Joliet, Ill., had seven vases of splendid carnations, and the variety Princess Dagmar in this collection became immediately popular with the show visitors.

The exhibition hall was attractively decorated, southern smilax being used in profusion, being donated for the occasion by Caldwell, the Woodsman Co., Evergreen, Ala. Wolfe, the Florist, Waco, Tex., Enomoto & Co., Redwood City, Calif., and H. S. Ely & Co., Neosho, Mo., also had excellent displays in the chrysanthemum section.

H. C. T.

Chrysanthemum Show at Univ. of Illinois.

Over 3,500 people attended the fourth annual chrysanthemum show, which was held in the floriculture greenhouses Sunday afternoon, November 7. A large number of people who were not able to see the show on Sunday on account of the crowd, came out the following day. Two houses, each 30x110 feet, were devoted almost entirely to chrysanthemums. One of these was used to stage 2,000 seedling plants of anemones, pompons, and singles. Nearly all of these plants are products of the floricultural division. Besides the small flowered types, there were at least 800 plants of the commercial varieties. The masses of color, however, were not so great or varied as in the case of the other plants, and, therefore, more of the attention was cen-

tered in the small flowered type. This show has become a popular event with the university and town people.

The Floricultural Club of the university gave a reception, on Saturday night, to the members of the faculty. This affair was well represented and was a great success.

Professor White of Cornell visited the university Monday, November 8. After a brief visit, he left for Ames, Iowa, where he expects to visit the Iowa State College. Although the visit was only a short one, we certainly were glad to have Professor White with us.

AGH.

New London Flower Show.

The annual chrysanthemum exhibition of the New London Horticultural Society which opened November 3 and continued two days was said to be unsurpassed by any previous event in the history of the society. Among the exhibits not in competition, one of the Harkness estate, was most noteworthy being that of a huge bank of pot plants of single chrysanthemums, while another attractive feature was a large group from Branford Farms, which included palms, dracaenas, crotons, lilies and begonias in artistic arrangement.

A unique and handsome arrangement of yellow chrysanthemums in the form of a chair was much admired, while a table of red took first prize for specimens. Prizes in the chrysanthemum division were awarded G. S. Palmer, Mrs. Alfred Mitchell, Branford Farms and E. S. Harkness. A fern from the Guthrie estate was awarded the second prize and was much admired and a similar fern from the Palmer estate was given first honors.

For the first time in a number of years the carnation prize did not go to Edward A. Smith, the florist, but the competition was keen and he was awarded second honors, the winner

being the Harkness estate. A number of vases of excellent pansies were staged by Cahill & Beasley, pansy specialists, East Milford, Mass. E. A. Smith had space at the end of the hall and showed very good stock in ferns, Jerusalem cherries and other pot plants in variety. An unusually good showing of fruits and vegetables were a feature of the exhibition.

Hort. & Agric. Society of Mt. Kisco, N. Y.

The thirteenth annual show of the N. W. Co. Horticultural and Agricultural Society of Mt. Kisco, N. Y., was held in Civic hall, Mt. Kisco, October 29-31, and was in all respects the equal of any show held in former years both in quality and number of exhibits. The competition was very keen in the classes for roses, carnations and chrysanthemums, both single and double varieties and the society's cup as a trophy brought out many magnificent blooms. Among the principal prize winners were the following:

Chrysanthemums—Mrs. E. Meyer, Jr. (Chas. Rubborn, Gr.); E. S. Bayer (A. Rose, Gr.); Mrs. Neustadt (David Gordon, Gr.); M. J. O'Brien, and Mrs. Taylor (Alex Thompson, Gr.).

Roses—Spavins, the Florist and E. S. Bayer.

Ornamental plants—Spavins, the Florist.

Begonias—E. S. Bayer and John Magee (Jas. Aitchison, Supt.).

Orchids—Spavins, the Florist.

Dinner table decoration—E. S. Bayer, Mrs. Taylor and Spavins, the Florist.

The judges were Adam Patterson, Saugatuck, Conn., A. T. Brill, Pawling, N. Y., and Wm. Jameson, Tarrytown, N. Y. Awards were also made in classes for fruits and vegetables.

M. J. O'BRIEN, Sec'y.

PLANT NOTES.

Heaths.

All the ericas will require a cool temperature to get the best results. *Erica melanthera* can be had in flower for Christmas and early winter, but under no circumstances will it pay to try to force it into bloom by giving it artificial heat, for it will immediately spring into a soft growth. They will give the best results in a house where the night temperature is kept at from 40 to 45 degrees with plenty of ventilation throughout the day. When coming into bloom the plants should never suffer for want of water; in fact, these plants should be kept well watered throughout their growth. The propagation of the young stock for the succeeding year should now commence, the soft tender shoots that protrude beyond the flowering wood being the best for this purpose. A cool propagating bed is to be preferred for they do not need bottom heat, but the soft cuttings will need to be well shaded and kept well watered, and if enclosed in glass the cuttings will strike more readily. As soon as rooted they should be potted and the selection of soil is important. A light peaty soil mixed with a good proportion of sand is what they desire. Give the plants all the air possible throughout their growth, in a cool temperature and in a bright sunny location.

Genistas.

If the genistas are grown in warm greenhouses they invariably come into bloom before Easter, unless that day is at its earliest in March, so the plants that are to be at their best for that day should be retarded by being grown cool until late winter. These plants are much better under cool treatment at all times, but by bringing into gentle heat they can be had in succession

from February to April. Plants that are being grown into special forms will have to be kept pinched back to conform to the shape until the flower buds set. The cuttings for next year's growing should be propagated during November and early December. The top shoots which are pinched off to keep the plants shapely make fine stock for propagation and they root readily in a bench with a little bottom heat. They should be shaded for a few days when first placed in the sand. Pot in small pots as soon as rooted and shift into larger sizes as required. When growth commences pinch back to keep the plants shapely.

Otaheite Orange.

The fruits of the Otaheite orange are now fully formed and of good size, but to be at their best stage at Christmas, when the plant is most desired, they should be well colored. They should be given a light location, having plenty of sun, but not too warm. If grown too warm, the fruit colors up slowly; a temperature of 55 to 60 degrees at night, with good ventilation during the day from this time on will bring good results. Keep the plants free from scale, which rapidly covers them if once fully established and not kept off. Where they are seen, constant washing will be required, and a weak kerosene emulsion is efficacious in keeping them down. When well fruited and the fruits nicely colored, these small orange trees make one of the finest Christmas plants.

notice, and there is soon a distinct change for the better.

One of the large ranges of glass has just had its fifth coat of paint. It was erected 23 years ago and looks so modern; but for the absence of iron fittings, it would appear to have just been erected. The only repairs made during this time were new gutters. The sash bars are perfectly sound throughout, accounted for by their being screwed from the bottom to the under side of the flare board of the gutter, which is set at the same angle as the pitch of the roof. The end of bars do not quite reach the gutter and are always dry, as no water or moisture can collect to rot them out. A wrought iron boiler had just been taken out after a service of 29 years. Mr. Eisele says no such service can be had from a boiler made of steel, which only lasts from 12 to 13 years.

Imported palm stock was the feature here a few years ago; now they take pride that nearly everything offered is home grown, from the seed up. There is no scarcity of sizes from the little fellows for the fern dish up to the largest decorative plants, and they are seen here in quantity. The difficulties in transit on account of the war or something else has made a difference in the quality of the palm seed, which is nearly all imported. Out of 125,000 areca seeds, only 2,300 plants were secured, and all the seeds had been planted three to a 2½-inch pot. Some job!

Phoenix Roebelenii is a feature here, their's being the largest stock in the



CHRYSANTHEMUMS, TUBEROUS ROOTED BEGONIAS AND ROSES, ALL PINK.

Basket Exhibited at the Panama-Pacific Exposition By Pelicano, Rossi & Co., San Francisco, Calif.
See Issue of October 30, Page 745.

Interesting Items at Dreer's.

A sure cure for the "blues" is to pay a visit to the establishment of Henry A. Dreer, Inc., at Riverton, N. J. Here one can speed up his enthusiasm to the highest notch, then pull the spring back and still find more and ever more. He finally goes away with new inspirations, new life and energy, that immediately begin to brighten up the old place at home. The gloom weeds are pulled up and destroyed, new ideas come into flower, wide open eyes see things that before were passed without

world. This palm will likely be scarce for a period, as this season's seed crop has failed to arrive, the collector having sent word there will be no shipping this year. They find it necessary to dip all their palms four times a year in whale oil soap. This kills all the young scale and greatly retards the growth of these troublesome pests. Badly infected plants may be entirely cleaned by two dippings on succeeding days, after which the scale are easily sponged off.

Ferns are an important item here.

The Glory or imitation Farleyense is a favorite, and is grown in quantity. Mr. Clark, their fern specialist, thinks this is much more profitable for fronds than Farleyense. Some two years ago a green worm about one and one-half inches long appeared and created havoc with the foliage. Hand picking appeared the only remedy, and this was very tedious. Finally H. B. Weiss, assistant entomologist of the New Brunswick experiment station, after a careful study, prescribed Persian powder, which, dusted on the fronds, killed the worm almost over night. A new adiantum, called California, which originated with a Pacific coast grower, is making a great hit for fronds wherever tried. It has not as yet been catalogued, as it can only be grown by division, and the demand keeps the stock very low. Fronds bring \$1.50 per hundred as against \$1 for other sorts in the same market.

Cibotium Schiedeii are grown outside in frames under sash raised to give them room. Mr. Eisele says they do much better in this open air culture than in the house where the tips of the fronds grow tender and sunburn or damp off. Twelve-inch wire hanging baskets, filled with common hardy ivy, look very attractive. These were offered for the first time last year and met with instant favor, and there is a great demand for them this season. When these first go into the dwelling some of the leaves will probably turn yellow, but if these are picked off, new growth appears as the plants become acclimated; they are very satisfactory.

A splendid block of araucarias were wonderfully fine. They were growing under a lath house as they do in Belgium. Mr. Eisele thinks their summer growth is better here than there. A new two story fireproof bulb storage house, 40 x 140 feet, with basement, is in course of erection. This is badly needed for their ever increasing stock of cannas, dahlias, peonies and other like plants. K.

New Wrinkles in Propagation.

Paper by J. Jenkins, Winona, O., read at the fortieth annual convention of the American Association of Nurserymen, Detroit, Mich., June 23-25, 1915.

It is a well recognized fact that white-tops or polished cocoanuts over 70 years of age are apt to be garrulous, hard-of-hearing, tedious and a general nuisance, so that Dr. Osler was not far wrong in suggesting a remedy for killing them off, before they reached that age. The programme committee showed their discretion and their sympathy for my courteous and long suffering audience by calling for a short talk of twenty minutes; also showing their wisdom in placing the subject as early as possible on the programme so that many late arrivals will escape the torture. The aforesaid gray headed guy is like the one-legged veteran back from the wars—he can't kick and would not if he could. The arrangement is all right and only reflects credit on the committee. A suitable preface to my subject, however, is a necessity and of course, is not to be counted in the twenty minutes, so prepare yourselves for an hour or more of preface. I really forget what I was going to say just here. I am like the old gray headed darkey, whose mistress sent him to the drug store. One of the clerks noticing his puzzled and bewildered look, exclaimed, "Well, Rastus, what can we do for you?" "Why boss, the missus sent me—the missus sent me ovah heah for suthin and I dun gone disremember what it was." "Oh, said the amused clerk 'you 'dun forgot' what you came for." "Oh, yeh, boss, dat am just it—a nickel's worth of camphor is just what I came for."

It reminds me of another story of a 70-year-old, somewhat deaf, who came in to have a prescription filled. The druggist no doubt filled it carefully and conscientiously and passed it over the counter. The aforesaid customer asked "how much?" "One dollar and eighty cents," the polite druggist replied. "How much?" again asked the customer. "One eighty" emphasized the vender of pills. "Oh, eighty cents" said the customer. "One eighty" roared the druggist. "Oh, eighteen cents," says the customer, depositing

let him in on the stage or rostrum at the side entrance so as to avoid the jam. "Certainly," said the considerate janitor, "but there is no crowd," and throwing open the main entrance, not a solitary soul was present. Just then a traveling man, who had been delayed in the village, and who had failed to hear of the circus, paid the admission fee, strolled in and took a seat. The lecturer after waiting some time for further arrivals, who did not arrive, arose and remarked, "My large and respected audience," (the travel-



BASKET OF BRONZE CHRYSANTHEMUMS, PANAMA-PACIFIC EXPOSITION, OCT. 21-26. Exhibited by Pelicano, Rossi & Co., San Francisco, Calif. See Issue of October 30, Page 745.

the coin and remarking, "I am a little hard of hearing," takes his prescription and starts for the door. The druggist somewhat paralyzed by the turn of events looked a moment at the coin then at the retreating figure and remarked, "Well, go it old deafy, I made 200 per cent on the prescription anyway." Very much like one of my neighbors who dealt in trees and being short in his delivery of one Concord grapevine, approached an agent who was selling in an adjoining township. "How much for a Concord grapevine?" "One dollar, my dear sir, the regular price is \$1.50." "But I will only charge you one dollar." "I guess you don't know me answered my neighbor." "I am so-and-so, the tree dealer." "Oh, that being the case I suppose five cents would be the right figure," which only illustrates that prices are somewhat variable both for drugs and for nursery stock.

My audience is not a very large one, but not quite as small as a now celebrated lecturer tells of one of his first efforts. Having been called on to give a lecture in a somewhat distant town and the inviting committee failing to properly advertise the same and more than that, a circus being held in the town the same night. He reached the hall rather late and asked the janitor who stood at the door to

ing man was portly and much larger than the lecturer and the latter respected him because he had paid his admission fee), "Which would you rather have, my lecture or the drinks?" He promptly responded, "The drinks." So they went out and regaled themselves with unfermented grapejuice. Traveling men always use that kind you know.

I have been thinking that you would just as soon have the preface as the twenty minutes talk, so I have been giving you the preface, but will now approach the subject of how to propagate. The best illustration of this is a sketch of a dilapidated hobo, about three seas over, bracing himself with his back against an open gate, this being a sort of mutual affair, the gate holding him up while he illustrated the subject of how to prop-a-gate.

I wish to stage a few items in regard to propagation during the great craze of planting grapevines commencing about 1860 and extending into the seventies. This society was projected at Cleveland, O., about 1863 or 1864, under the name of the Grape-Growers' Association. Dr. J. P. Dake was one of its earliest presidents. He was also president of the Dover Bay Grape & Wine Co., and the senior partner of Dake & Jenkins, nurserymen, now J. Jenkins and Son, of Win-

ona, Ohio. In the lapse of time the changes of name and effort remind me of the man who was showing as a great relic the very musket which his great grandfather carried in the American Revolution. "Look here," said the stupid observer, "the guns they carried then had flint locks." "Yes," said the owner of the valued relic, "but my grandfather had a new and more modern lock put on." "But the barrel don't look just like those in the museums that were carried in the revolution." "No, because my grandfather had a new barrel put on, as he thought the old one did not shoot straight." "Well, the stock don't look just like those in the museums," "No, for my father had a new stock put on, because the other was bruised and worm eaten." "Well, what part of the gun did your great-grandfather carry in the American revolution?" "Well, I think the touch-hole is just the same, in fact, it is the same identical gun. Of that I am positive and sure." So in the evolutions of time there have been great changes in the names and efforts of firms and associations.

There comes before me out of the mists of the past fine and noble characters, veterans in the cause of horticulture and its kindred interests whose very lives were an inspiration—Dr. J. P. Dake, Dr. John A. Warden, Patrick Barry, Marshall P. Wilder, Thos. Meehan, elder, Geo. W. Campbell and scores of others who acted well their part, then silently left us, disappearing in the greater mists and mysteries which overhang the portals when they went out, out on the tides to an unknown shore.

There were three great crazes which were almost historical, the tulip bulb craze of Holland, the *Morus multi-caulis* craze, and the more recent craze of grapegrowing in this country, which seemed near its height in 1864. Concord grapevines were selling at \$40 per hundred for vineyard planting and the new introductions of that day, such as Iona, Adirondack, etc., sold at \$5 each. Grapewood of a number of kinds sold at 10 to 25 cents a bud. It caused a great impetus in the propagation of the grape, in which other fruits participated and some of the evolution in propagation in the then young firm of Dake and Jenkins occurred during this period. It was soon found that outdoor propagation of Concord, Hartford, Catawba and other varieties was entirely practical and much less expensive than the greenhouse bottom heat and transplanting in pots then in vogue. We put in rows of cuttings of two eyes, the rows a trifle over a foot apart, and laid between each row, a heavy board—lumber was comparatively cheap in those days. These boards kept down the weeds, and kept the ground moist. Over each row of cuttings, the space between the boards was filled in with sawdust. The top buds of the cuttings were just at the surface of the ground and shot up through the inch of sawdust with no detriment and scarcely an exception, no healthy bud failing. The cost of a year's growth was practically nothing. The weeds being kept down by the boards and the ground being mellow, the growth was continuous and the profits in accordance. My young friend T. S. Hubbard (we were both young in that day), told me he sold \$18,000 worth of outdoor propagated vines in one season, most of them being Concords at this time.

A succession of dry seasons induced us to plant cuttings in a flat piece of lowland of rich sandy loam, a brook fed by never failing streams running through it. This flat or inter-

val was thrown up into beds six feet wide or more and in times of drouth when the growth of vines seemed to be languishing the water of the brook was diverted by a small dam at the head of the interval and ran through the shallow trenches between the beds but not overflowing them: a subirrigation that was very successful and some of the largest one year old grapevines ever grown were exhibited before the Grape-Growers' Association by the Winona firm. These beds with the easily applied subirrigation were great in raising the strawberry crop; the second and third picking made almost equal to the first by the supply of water through the trenches during a dry season. Noting in the grape cuttings that we put out, that the wood above the top eye of the two bud cuttings invariably died down to the top bud, the amount of our high priced cuttings was doubled by cutting across the node above the top eye, as illustrated on page 16 of the little book, "Art of Propagation" first issued by J. Jenkins in 1876, and which I will now try to illustrate with the grapewood itself. While the grape fever or craze was at its height, some new ways of grafting and in-arching, etc., as applied to the grape were brought into play. The in-arching is illustrated on page 29 of the aforesaid little book. Wild vines were plentiful in the woods and were called into requisition as stocks on which to graft. The great trouble with these was the strong natural growth which drowned out the graft. Vines in the vineyard of a strong growth, but a poor quality of fruit, had the strongest cane laid down as if for layering. All other canes were cut off and all other growth pinched off. Every bud in this cane that was laid down was cut off except the terminal growth. All the force of the heavy roots was thrown into this cane. Grafts were inserted at the nodes where the buds had been cut out and united quickly and readily. The vine being split at the node and the grafts thus inserted, or one of the new five dollar vines was run through the split node scarified on either side and quickly united with the growth and as quick as the union of the grafts or vine is fairly complete, the terminal shoot is cut off and all the force of growth goes to the new variety, be it a graft or vine. The growth was often immense of the grafts or of the new vine, commensurate with the growth that all the buds

of the supporting vine would have made providing they had not been removed. At the end of the season you have a strong growth of wood of the new variety and where a vine is used it can be cut off below and removed and will be as strong and good a vine as ever for the following year. The cane laid down is supposed to be covered with soil and will throw out an immense number of roots but there is no danger of sprouting or admixture as all the buds of the fostering cane were removed. This can be applied to multiplying the new white grape, the Princess, or any new or high priced variety and roses of slow growth or great value can be thus grafted into a cane laid down of a strong rapid growing rambler and thus absorb a great force of growth. In the two-bud cuttings, the lower bud, however, being removed as I have already illustrated, throws out two tiers of roots, one tier or circle of roots near the surface the other at the node at the base, which, however, has no bud for growth. If the upper tier of roots is cut off it carries with it a complete vine. The lower tier has part of the original cutting but no bud to continue growth and if left in the ground, a green callous will cover the entire top of the cutting in a vain attempt to supply the place of leaves and which may do so to some small extent, but if a graft of any similar kind be inserted it is seized upon by the starving stock and unites its growth with the greatest certainty. Under the subject of budding on page 23, Art of Propagation, this is slightly touched upon. A bud being inserted where a bud has been carefully removed in the stock, the uniting tissues seeming to be stronger at this point. Grafting at a bifurcation—where a forked tree or seedling can be selected or one having a strong side branch, the union of the graft with the scion, if the branch is slightly split where it joins the tree and a wedge graft inserted, the branch tied back to its place, makes a more certain graft in uniting as has been proved in grafting the larger varieties of chestnut on the American, and as applied in grafting Koster's brilliant blue spruce on *Picea pungens* or other spruces.

We call your attention to Jenkins' patent L-shaped boxes for transplanting from greenhouse. This and other offerings named in the aforementioned little book, the advantages of which



DOLE FLORAL CO'S. RETAIL STORE, BEATRICE, NEB.

we freely give to our patrons: and about all of the members of this association are our patrons. The boxes as you see are L-shaped. We had an intelligent Englishman working for us in former years who was fairly well informed and educated, but most inveterate in misplacing the "hayches." He told us that "when he built an 'ouse he was going to make it in the form of an hell." We asked him why it was that Englishmen never sounded an "H" where Americans did and always placed it where it did not belong, when he emphatically informed us that it was honly the hignorant Henglishmen that did that way. We think he must 'ave 'ad a sort of prophetic vision of what an L of a time his country was going to have with Germany. Anyway these boxes I show you are made in the form of an L, and when ranged along in a series, form a row of boxes, the back of one box making the side for the next. The sides are four inches or more in width and the bottom one inch, usually about the width of a plastering lathe. The length about four feet or corresponding to the width of the border in which they are placed. In these boxes filled with sand, cuttings are inserted which root and grow rapidly until June, by which time the boxes are filled with a mass and network of roots. Each box is carried out and turned out into an open furrow with no disturbing of the roots and as quickly and effectually as a single plant or vine from a pot. It is also of great advantage in ribbon or other planting where pots are usually used. The boxes can be made of wood or metal or with clay or cement, but with the latter the length would need to be shortened on account of weight and liability of breakage. The layering tube as you see, consists of a tube with an extension at the side, which is pressed into the ground in layering a vine of almost any kind, the tubes being placed directly over the buds, each eye or bud looking up and growing up through the tubes. The essentials of growth are met, light and air through the tubes, moisture from the ground below, the spaces between the tubes are filled in with soil over the cane laid down and become a mass of roots which are cut apart at the end of the season. These combined tubes and stakes are readily made from bamboo canes.

Slates are a valuable adjunct in outdoor propagation, used as we have described—board as a covering between rows of cuttings and plants; also rows of cuttings running east and west planted in a trench sloping to the north, two-thirds of the slate entering the soil over and almost in contact with the cuttings and the few inches extending above the surface shading the buds at the surface while the slanted slates, receiving the full rays of the sun, warm the soil at the bases of the cuttings and stimulates the formation of the roots. Some of the junipers and other varieties of evergreens that do not come true from seed and are usually propagated from cuttings can also be rapidly increased layering as I now show you from a section of Irish juniper. The tree, after ground has been excavated at the side is bent over a wire netting placed over it in the way I show you. The little branches drawn up between the interstices of the wire netting that holds down the tree and soil filled in all around these little branches which soon send forth roots.

I have a whole arsenal to fire at you but my twenty minutes no doubt has already expired, and if you haven't expired under the torture, I sincerely thank you for so courteously and patiently listening.

Janssen Seed and Floral Co.'s Window.

The accompanying illustration shows a "somewhat different" window display recently made at the establishment of the Janssen Seed and Floral Co., Springfield, Ill. Three snakes, native to the Malay peninsula, ranging from 19 to 25 feet in length and weighing from 63 to 100 pounds, were the center of attraction, and the firm's offer of a handsome palm to the person guessing nearest to the weight and length of any one snake in the collection brought forth nearly a thousand registrations.



JANSSEN'S SNAKE WINDOW, SPRINGFIELD, ILL.

Boston:

PRICES AT BED ROCK.

During the past week business has been far below normal. Chrysanthemums are very plentiful; in fact, there is a glut, as the supply is far in excess of the demand. It seems as though there has never before been such large quantities of poor flowers in the market. Some stock is so poor that salesmen let it go for as low as 80 cents to \$1 per 100. This sacrificing hurts the price on better quality goods and on every other line, and there seems to be no hope for a better market until such stock is cleaned up. Roses have felt the effects of the glut, the prices dropping to \$1 per 100. Good Russells, Hadleys, etc., in a few instances, bring as high as \$2 per dozen, but on the whole, roses are what may be called cheap. Carnations also have fallen in price. From \$1 to \$2 per 100 is about the best price that can be realized. Pink and white varieties, such as Ward, Alice and Matchless are the best sellers. Liliun longiflorum is arriving in quantities now and finds rather a difficult market. Lily of the valley also is hard to move. Yellow marguerites are more plentiful, but the demand keeps them well cleaned up at from 75 cents to \$2 per 100. It is surprising to see how popular this bright little flower is in the Boston market. Violets are not seen in any great quantity, but the steady demand for them has not as yet commenced and consequently they move none too well. The plant trade consists mainly of pot chrysanthemums, dracenas and ferns. The market for them may be called fair.

NOTES.

The best flowers of Chrysanthemum Chieftain seen in the city are grown

by the Waban Rose Conservatory at Natick. A. Montgomery is very particular that every flower shall be open before it is cut and that great care is taken in packing, only two dozen being put in a box. That this policy pays is readily seen by the condition in which they are received at their salesroom and at the stores.

Edward Winkler of Wakefield has no other carnation in his houses this year than his new seedling, Morning Glow. He finds it a good seller, owing to its color and keeping qualities. Retailers also speak highly of it, saying

that customers invariably come back for more. He also is cutting some very nice yellow marguerites.

Mrs. C. R. Dane, wife of one of the pioneer florists of Boston, died at her home in Roxbury, November 1. Mr. Dane's many friends offer their sympathy in his great bereavement.

Robinson & Co. are handling the entire stock of Alex. Porter, of Woburn, the goods being sold at the Co-operative market by their competent salesman, M. Laken.

Frank Houghton and Samuel Kravatz are contemplating opening a shop in Melrose. They have severed their connections with the firm of Houghton-Gorney Co.

Great interest is being taken in the bowling league as the teams progress. Many of the "boys" at the market spend enjoyable evenings "rooting" for their teams. The race for first place between Galvins and the Co-operative Market is becoming exciting, each team rolling in their best form each time they meet. The standing is as follows:

	Won.	Lost.
Flower Market	16	4
Zinn	11	9
Pansies	9	11
Carbone	9	11
Flower Exchange	8	12
Robinsons	6	14
Mc & Mc	4	16

F. L. W.

HILSDALE, MICH.—Mrs. Carl Hirsch has sold out to Otto Stoll of Oxford, Mich. C. O. W.

WATERTOWN, MASS.—A. M. Davenport has erected a fireproof boiler room and will install two new boilers.

SIoux CITY, IA.—The Glassacres Gardens & Nursery Co. has been incorporated with a capital stock of \$20,000.

New York Florists' Club.

The monthly meeting of the club was held in its rooms in the Grand Opera House building on the evening of November 8, President Bunyard in the chair. A. L. Miller, for the committee on the flower show for the spring of 1916, reported progress. F. R. Pierson, for the committee on the last spring flower show, reported an additional credit to the club of \$297.44. The nominating committee presented names of members to be voted on at the December meeting as officers for the coming year. They were as follows: For president: Harry A. Bunyard (seedsman, present incumbent), New York; Henry Weston (grower), Hempstead, L. I.; Philip F. Kessler (wholesale florist), New York. Pres. Bunyard declined to be renominated. For vice-president: Charles Knight (superintendent of estate), Oakdale, L. I.; Alexander Hogg (grower), Prospect Park, Brooklyn; G. E. M. Stumpp (retail florist), New York. For secretary: John Young (wholesale florist, present incumbent), New York; J. Harrison Dick (journalist), New York. For treasurer: Wm. C. Rickards, Jr. (seedsman, present incumbent), New York; Roman J. Irvin (seedsman), New York. For trustees: Jos. S. Fenrich (wholesale florist), New York; Edward Sceery (retail florist), Paterson, N. J.; Wallace R. Pierson (grower), Cromwell, Conn.; Charles Schenck (wholesale florist), New York; Max Schling (retail florist), New York; Robert G. Wilson (retail florist), Brooklyn, N. Y.

The memorials on the deaths of the late Edwin Lonsdale and L. W. Kernan were presented and ordered entered on the minutes. Edward McCarty, of Jas. Weirs, Inc., Brooklyn, N. Y., was elected to membership. A. F. Allender and H. F. Winter, both of New York, were nominated for membership.

An interesting discussion on chrysanthemums took place in which there were many humorous sallies, but just the same it was the consensus of opinion that the chrysanthemum was yet a most important factor in the florist business. The discussion was featured by remarks from P. J. Smith, Horace E. Froment, G. E. M. Stumpp, W. H. Long, H. A. Barnard, of Stuart, Low & Co., Middlesex, Eng.; Arthur Herrington and James Scott.

Philip F. Kessler exhibited pink pompon chrysanthemum Western Beauty and crimson pompon Lagraver, grown by Wm. W. Matthews, Great Neck, L. I., for which he was given a vote of thanks. Mr. Kessler also exhibited single chrysanthemum Buckingham, grown by Chas. Smith, Woodside, N. Y., which also brought forth a vote of thanks. Scott Brothers, Elmsford, N. Y., exhibited Chrysanthemum White Dot, which scored 91 points. Guttman & Raynor, Inc., New York, exhibited Rose Prima Donna, which was given an award of merit; also Chrysanthemum Glenview, grown by Frank Dinda, Farmingdale, N. Y., which received an award of merit, and a white anemone seedling by the same grower was given a certificate of merit.

James Bell, Oyster Bay, N. Y., exhibited a single chrysanthemum seedling; awarded certificate of merit. Wm. Tricker, Arlington, N. J., exhibited hardy crimson chrysanthemum, Arlington; certificate of merit. Chas. Weber, Lynbrook, N. Y., exhibited carnation Laura Weber, and was given a vote of thanks.

A committee was appointed to prepare suitable resolutions on the death of Edward Walz, a late member of the club; also, a committee to prepare suitable resolutions on the death of Mrs. Kathrine Dorval, mother of Vic-

tor and Edward Dorval, who are members of the club. Chairman Kessler and Myer Othille of the house committee were active in handing out turkey. A. F. F.

Buffalo.

WEDDINGS PROVE BIG BUSINESS AID.

November thus far has been keeping pace with October in the matter of weddings, with the result that the florist trade has been brisk. Hallowe'en brought only fair business, as the occasion was observed by different people on different days, Friday, Saturday and Monday. The stores were nicely trimmed with pumpkins and corn-stalks and did everything possible to suggest the appropriateness of flowers for the occasion, but the result was not forthcoming. Flower shows were held in several of the local stores last week, with gratifying results as far as crowds were concerned, but due to the warm weather the chrysanthemums, as well as many other flowers are not as good as last year at this time. Pompons are good, but the demand for them is only fair. Carnations of good quality are scarce, while roses of all varieties are good and in plentiful supply. Orchids and lily of the valley are in excellent demand and the quality is good. Gardenias are fine and Giant bouvardias are having a ready sale.

NOTES.

This city can boast of two new up-to-date flower shops, which will doubtless be successful in their different locations. Our best wishes are extended to both of them. Reichert Bros. have located at Main & LeRoy avenue in the Central park district, which is rapidly filling with the local "400", while Galley Bros. have opened a fine store on Genesee street, near Oak in the heart of the shopping district of the flourishing east side. The location is convenient and the equipment and service up-to-date. Leo. Neubeck, son of the only "Louie" is in charge of the Galley establishment.

The writer had the pleasure of spending a few hours in Toronto a short time ago and visited the new Dunlop store on Adelaide street. It is one of the finest and most up-to-date stores in the country with every modern con-

quantities of lily of the valley, orchids, etc.

This week will prove an exciting one to the florists who are going to Cleveland to attend the flower show and incidentally to root for Buffalo in the bowling match. Local rotary florists will be represented at the rotary club banquet at Cleveland, November 11.

Joseph Streit is now a resident of Detroit, but is still a member of the florists' bowling club of this city. His entrance into the Buffalo tournament will cause him to visit here several times during the season.

S. J. Mahoney, of "governor and mayor fame", is again with S. A. Anderson, as is also J. A. Cannon of Philadelphia, after an absence of two years.

A wedding last week resulted in one of the best orders of the season being placed with the Lenox Flower shop.

BISON.

Albany, N. Y.

CLUB MEETING.

At the November meeting of the Albany Florists' Club, the two nominating committees agreed upon a ticket to be voted upon at the annual election on December 2. The ticket is: For president, Thomas F. Tracey; for vice-president, Charles Sanders; for secretary-treasurer, Robert Davidson; for trustees, two years, Earl Shaw, James Snyder, and Samuel Hanson. One application for membership was received to be acted upon at the next meeting. Some life was instilled into the proceedings by the discussion of two questions: 1. "How Best Can We Stimulate Interest in the Albany Florists' Club?" 2. "What are the Best Yellow, Pink, and White Chrysanthemums for the Commercial Grower?" The discussion brought out suggestions which can be embodied in the program from time to time with profit. One of these to be adopted at the December meeting is for two or three of the members to take note of special articles in the trade papers about new varieties of roses, carnations, etc. These are to be brought in and read in whole or part. The discussion about commercial varieties of chrysanthemums was handled at considerable length by William



TUBEROUS ROOTED BEGONIAS AT THE PANAMA-PACIFIC EXPOSITION, OCT. 21-26.

See Issue of October 30, Page 745.

venience for handling stock. Mr. Geraghty is to be highly complimented for the clever manner in which he has arranged this establishment.

The demand for funeral work the past two weeks has been very active, the deaths of three of the city's most prominent bankers and business men calling for an unusual amount of choice stock. W. J. Palmer & Son had charge of the three funerals and used large

Newport, who spoke largely from his own experience and from what he had observed. The remarks of Mr. Newport brought forth comments on the part of Earl Shaw, gardener for George C. Hawley of this city. Mr. Shaw's favorite varieties included Daily Mail and Odessa, but the discussion brought out the fact that these were more exhibition varieties than for the commercial florist. F. A.

Danker was able to give one or two points he learned while visiting the establishment of A. N. Pierson, Inc., Cromwell, Conn. This firm has a method of selecting the best variety in each color and discarding all others in that class. The method is based upon the comparison of one typical plant of one color and variety with another typical plant of the same color and variety. The plant which shows up the larger number of blooms is the variety adopted and the other variety is discarded. A. N. Pierson, Inc., have their own thorough method of conducting the comparisons but in outline the method is substantially as given. Mr. Danker called attention to the fact that there are so many varieties that the grower must adopt some such method of selection. An invitation to visit the greenhouses of Mr. Hawley was extended by Mr. Shaw and many of the members will take advantage of it. Refreshments and a social time were enjoyed after the meeting.

NOTES.

On November 5 a special ordinance car left Dobbs Ferry over the New York Central railroad with an unusual chrysanthemum from the greenhouses of Adolph Lewisohn at Ardsley-on-the-Hudson. The plant was of the kind grown in the gardens of the Emperor of Japan and was destined for the Cleveland flower show. It was of umbrella shape with 1,200 blossoms along its crown 15 feet in diameter. The chrysanthemum was in charge of J. W. H. Campbell, superintendent of Mr. Lewisohn's greenhouses, his assistant, and a representative of the engineering department of the railroad. The car with its load barely cleared the bridges at a number of places along the line.

The Rosery, Edward P. Tracey, proprietor, reports its share of the business this fall. On the evening of November 4 the Rosery supplied the decorations for the dinner given by Miss Ruth Peabody for Frederick C. Tanner and his fiancée, Miss Jane Ogden, at the Country club. On November 6 the Rosery furnished the decorations for the Fitzgerald-Graves wedding in St. Vincent de Paul's church. The color scheme in green and white was carried out with the aid of chrysanthemums.

At an election held November 2, Arthur Cowee, of Berlin, the gladiolus specialist, was elected to the state assembly from the second district of Rensselaer county. Mr. Cowee was nominated by the Republicans and won out over his Democratic opponent by 1,000 majority. The communities in which the new assemblyman is well known rallied handsomely to his support.

The annual chrysanthemum exhibition conducted by the municipal bureau of parks in the lake house, Washington park, was opened, November 7, for two weeks. In the park greenhouses are 500 varieties from which the exhibition stock will be drawn. Among the number are 79 new ones never exhibited here. A list of these has been supplied to the newspapers.

R. D.

Nashville, Tenn.

TRADE UNUSUALLY BRISK.

The past week has been an active one along all lines in floral circles, and trade has been unusually brisk. There have been numerous weddings and more yet to come. The home weddings have been, if possible, even more elaborate than the church affairs. Chrysanthemums have figured largely in the decorations and never have there been better ones, in any color desired. In white they are continuously used to outline the group of pews set apart for the family at the

church affairs tied with long streamers of white ribbon. Improvised altars in the home weddings also have an abundance of the white chrysanthemum. The Hallowe'en call was very satisfactory and added quite a little to the day's business. Yellow chrysanthemums were used and other yellow flowers. While there are plenty of yellow chrysanthemums used for the present demand the florists are holding back an abundant supply for the annual Thanksgiving demand which always brings a rich harvest, and for which great preparations are annually made with a certainty of the demand. Roses are blooming wonderfully well in all the varieties, the Killarneys in pink and white, Richmond, American Beauty, Aaron Ward, Sunburst, Prince d'Arenberg, Russell and others. Carnations are getting at their best. There are plenty of lily of the valley and Bermuda lilies.

The funeral of J. B. Carr, the head of the B. H. Stief jewelry establishment, one of the largest in the city, called for an abundance of flowers. Geny Bros. made for the management a magnificent pall and made another the same day for another funeral.

McIntyre Bros. have made of the pergola surmounting their west end store a very attractive affair covered with vines and filled with evergreen plants that will keep their beauty throughout the entire winter season.

The windows of the florists are beautifully decorated, those of the Joy Floral Company being especially artistic, with tall basket vases of chrysanthemums draped in colored satins and velvets very attractively.

L. H. Haury & Sons have decided to take the store at 625 Church street, which brings them nearer the flower market.

M. C. D.

Cincinnati.

SMALL DEMAND FOR GOOD STOCK.

Last week business was rather disappointing. There was plenty of good stock of all kinds, but the call for the same was rather weak and brought about a drop in prices as well as a large surplus in the ice boxes. Shipping business, particularly in supplies and greens, is very heavy. Chrysanthemum receipts are very heavy, and at the prevailing prices are proving fairly popular. All the retailers use them in some arrangement or other in their window decorations and at the wholesale houses they are to be seen everywhere. Pompon and anemone varieties are in a very ample supply. Roses and carnations are arriving in very large quantities. Easter lilies, too, are plentiful. Violets, sweet peas, lily of the valley, orchids and pansies have a fair market. The best single violets clean up very readily.

CLUB MEETING.

The November meeting of the Cincinnati Florists' Society was held at J. A. Peterson & Sons' place in Westwood, November 8. The hosts first showed the guests through the greenhouses where they found the incomparable lots of Mrs. J. A. Peterson, Mellior and Glory of Cincinnati begonias. Frank Schumann was elected a member of the society by acclamation under a suspension of the rules. After the business meeting the members sat down to a luncheon. The large parlor and living room were then turned into an auditorium and Mrs. Peterson and Clarence Peterson exhibited pictures taken by Mrs. Peterson when she and Mr. Peterson attended the S. A. F. meeting last summer. Bob Newcomb, Chicago, attended the meeting.

NOTES.

A chrysanthemum exhibition was held at the city greenhouses in Eden park last Sunday by the park department. The exhibit consisted of about 350 varieties of chrysanthemums, pompon and anemones. Many thousands of people attended the show during the day. Dave Knott, as usual, arranged the exhibit.

C. E. Critchell, Fred Gear, Geo. Trome and Max Rudolph will attend the Cleveland flower show this week. C. E. Critchell has been having some very fine lots of roses.

E. G. Gillett's fine single violets from Grand Rapids, Mich., clean up regularly as fast as they come into his place.

H.

Columbus, O.

BUSINESS GOOD ON THE WHOLE.

An unprecedented chrysanthemum demand has been the experience of most florists during the past fortnight. This has been met with an abundance of stock, as a rule. One exception is that of a large concern which grows no seconds, and has found the market for choice blooms so strong that few have been allowed to come to full maturity. The warm weather has hastened growth and brought the chrysanthemum season to its height at least two weeks ahead of time. Major Bonnaffon, for example, is about done for, when it should be just coming in. A famine is looked for at Thanksgiving time, and roses and other flowers will largely take the place of chrysanthemums. Prices range from \$1 to \$5 a dozen. Pompons are plentiful and more popular than ever before, the best price being 75 cents per dozen sprays. Carnations are selling at 35 cents to 50 cents a dozen ordinarily. The local bulb trade has wiped out all records in free buying by consumers this fall. In volume of sales it is weeks ahead of last season. On the whole the florists' business is good, but with prices not as strong as could be desired.

NOTES.

A notable wedding from the florist standpoint was handled by the Livingston Seed Company last week. It occurred at Barnesville, F. M. Brownwell, of the cut flower department, having charge of the decorations both at the church and the bride's residence. The groom, Charles Bratton, is cashier of the First National bank of Barnesville, and the bride, the daughter of C. J. Bradfield, president of the Second National bank. White chrysanthemums, Ophelia roses, orchids, Sweetheart buds, lilies of the valley and smilax entered into the decorations and the flowers carried by the bride and attendants. It was one of the largest wedding contracts of the season.

For the first time in a number of years the Livingston Seed Company will not hold a November chrysanthemum show at its retail store. All the novelties, they state, have been cut out of stock, owing to the great demand, and they are unable to make a display that would do them justice.

A very attractive floral show is on this week at the Munk Floral Company's retail store, in the Harrison building. While chrysanthemums are the leading feature, roses, carnations and other flowers are being exhibited in great abundance.

H. J. Woolman, florist at the suburban location, Camp Chase, is adding a new greenhouse to his plant.

J.

ROME, N. Y.—E. J. Byan, of this place, is now finishing a new house 35x200 feet. He grows carnations and other stock.

Toledo.

SUPPLY INCREASES BUT PRICES ARE FIRM.

Two weeks of ideal weather have resulted in a great increase of stock, especially chrysanthemums, which had been rather scarce, and they are bringing better prices than at this time last year. Retailers are featuring the window displays and many attractive arrangements are to be seen. Pompons are also arriving in better quantity and bring good prices. The supply of roses is on the increase, and carnations are being received in larger number and better in quality. Sweet peas and violets are scarce. There has been a great amount of funeral work.

CLUB MEETING.

The meeting of the florists' club, October 26, was a most enthusiastic one, and final plans were discussed for the coming flower show. One of the features of the show will be lectures, illustrated by films, shown in collaboration with the directors of the Museum of Art. These are expected to be a strong drawing card. The retailers are showing spirit in the preparation of table decorations and other examples of the florists' art.

NOTES.

Geo. Bayer, president of the florists' club, has a crop of Chrysanthemum Bonnaffon in splendid condition and can scarcely supply the demand the way orders are pouring in. He will make a fine exhibit at the flower show and confidently expects to walk away with his share of the ribbons.

Elmer D. Smith, of Adrian, Mich., will have a great showing of chrysanthemums at the local flower show. He was present at the last club meeting and exhibited some fine specimens of the regal flowers for which he is famous.

Civic Beauty Expert Stevens of the Toledo Commerce Club and the Museum of Art, an honorary member of the florists' club, is working hard with the flower show committees for the success of the exhibition.

Metz & Bateman are advertising their business in homes with flower vases with their firm name upon them.

S. N. Peck reports business exceptionally good this fall. He has been very busy with funeral work.

A. C. K.

Oklahoma City.

Business has been extremely good this week. Several large weddings have taken place, two of them having very elaborate decorations. Funeral work has also been quite plentiful, all of the stores having had numerous calls for designs and bunches.

NOTES.

The Stiles Co. arranged two elaborate wedding decorations and furnished the bridal bouquets for both events. The bouquets were made wreath shape, on a single wire, a ribbon loop being attached and thereby carried suspended from the arm of the young lady. For one of the weddings, the bride's bouquet was made of *Dendrobium formosum*, lily of the valley, and adiantum fern; the bouquets carried by the rest of the bridal party were made of pink rose buds and adiantum.

Many of the smaller towns throughout the state are holding chrysanthemum shows this month. While these shows are mainly the work of women clubs, and only amateur growers are represented as a rule, there are lots of the flowers shown that compare very favorably with commercially grown stock, notwithstanding the fact that it is all grown out doors.

The local chrysanthemum crop is coming in very fast and the quality of the flowers is very fine, indeed. We are hoping that business will keep up

to the present standard so that they may all be disposed of profitably, for the weather is moderately warm with lots of bright sunshine every day, a condition not very conducive to a long flowering season.

Furrow & Co. report that trade is excellent, and that they have been especially busy with large funeral orders. They also had a nice line of wedding flowers to furnish during the last few days.

The stores report a good demand for bulbs, a result no doubt of the efforts made by the civic association to get the public at large interested in bulb culture.

Visitor: E. C. Pruner, representing Poehlmann Bros. Co., Chicago.

S. S. B.

Rochester, N. Y.

TRADE SHOWS SLIGHT IMPROVEMENT.

There has been a slight improvement in trade conditions during the past 10 days, with all stocks plentiful with the exception of carnations, which are still in limited supply. In roses, the Killarneys, pink and white, are in the lead, but good stock of *Ophelia*, Francis Scott Key, Sunburst and Maryland are to be seen. Hadley is somewhat off crop at present. Chrysanthemums are arriving in large quantities, among the leaders being *Tousset*, *Chrysolora*, *Chadwick* and *Chieftain*, while a fine lot of pompons are to be seen, Garza being a great favorite. Lily of the valley is exceptionally good and violets are splendid stock. *Gardenias* are of good quality but the demand is weak, and good *cattleyas* are here in abundance. A few primroses, cyclamens and *Begonia Lorraine* are also to be seen.

NOTES.

John B. Keller & Sons' clever window arrangements are always an attraction. A display last week of orchid plants in full bloom with vases of large yellow chrysanthemums attracted much attention.

At the chrysanthemum show at the Lamperton conservatories, a great mass of bloom was shown, many of the varieties being very choice.

George B. Hart was elected supervisor of the Third ward, November 2, and the trade is extending congratulations.

George T. Boucher has been very busy recently, the demand for funeral work being especially heavy.

Harry P. Neun is cutting very fine chrysanthemum stock, which finds a ready market.

Vick & Hill Co. have a fine line of Boston ferns, on which they are specializing.

The Maurer-Haap Co. reports fall business in bulbs very good.

CHESTER.

Kansas City.

HEAVY SUPPLY AND PRICES LOW.

Stock is still arriving in large supply, being forced in by the warm weather, the thermometer registering as high as 86 degrees, something unusual for this season of the year in this section. Chrysanthemums are in the lead, with plenty of carnations and roses, and while the quality is better, stocks are selling at low prices. Business in general has been very good, with plenty of funeral work and numerous orders for decorations. The demand for pot plants is very good.

NOTES.

The Wm. L. Rock Flower Co. is now operating their new refrigerating system, the service being supplied by a public service company, pipes being run under ground to a number of firms in the business district. The system is electrically operated and is

claimed to be more economical than the old way.

Henry Kusik & Co. report business good especially in the shipping line, and supplies are selling well. Chrysanthemums, roses and carnations of very fine quality are seen here in quantity. Saturday, November 6, holds the record for the best day's business for the year.

W. J. Barnes is cutting some very good chrysanthemums and his carnation stock is especially fine. The demand for funeral work has been very brisk at this establishment.

Mrs. T. A. Mosely, of Kansas City, Kan., was severely injured in an automobile accident last week and will be confined to her home for several weeks.

Arthur Newell is back from his ranch in Texas and says under the present conditions trade is very good. He expects to attend the Cleveland show.

Adolph Mohr will give up his old range about July 1, 1916. He contemplates adding 10,000 feet of glass to his new establishment.

T. J. Noll & Co. are receiving large shipments of stock, especially chrysanthemums, roses and carnations, which find ready call.

E. W. Ellsworth of the Rosery is busy with his fall bulb planting. He handles between 50,000 and 60,000 for this purpose.

About 3,500 carnations are being cut daily at the Stevens' greenhouses. The chrysanthemums are practically all gone.

A. Elberfield, of the Alpha Floral Co., has returned from a western trip and reports business good in general.

M. H. Smith has received between 30,000 and 40,000 narcissus bulbs.

Visitors: M. Zirkman, representing M. Rice Co., Philadelphia, Pa.; Dr. Kennedy, of the State Fair Floral Co., Sedalia, Mo.; R. H. Smith, of Interstate Rustic Co.

E. J. B.

Providence, R. I.

TRADE QUIET; PRICES DECLINE.

Business has been rather quiet the past week but ended up with a very good Saturday. There is little doing generally with the result that prices have dropped somewhat, all stock being plentiful. Chrysanthemums have had a very good sale, as have carnations. The former are reaching the market in large numbers, but the fancy are sold almost at once, and it is only the cheaper grades that sell at low prices. Carnations are dropping in price now, but roses seem to be holding out, although the middle of the week they could be bought at low prices. Sweet peas are not very good as yet. There are a few pink snapdragons, but they sell up quickly. Floral work has been good.

NOTES.

Smith, the florist, had the stand in Liggett's drug store, November 6, with Henry Patrie in charge.

John Marshall, of the Fruit Hill Greenhouses, will soon be cutting good sweet peas.

Albert Holcher is cutting some excellent chrysanthemums and bouvardia stock that sell on sight.

Howard Almy, of Simmonsville, R. I., has taken over his greenhouses again, with Jesse Tataglia as his foreman. Jesse has had the houses for over two years, while Mr. Almy has been in Florida.

Olney Williams has started to cut his chrysanthemums, and is sending in White Ivory and Major Bonnaffon.

Hoffman, of Pawtucket, is cutting Chieftain chrysanthemums that are very good.

H. A. T.

Washington.**KILLARNEYS AT 15 CENTS PER DOZEN.**

The local market is glutted with small chrysanthemums, especially bunch stock, and although good stock has been plentiful, prices have remained firm on fair quality. Roses, such as American Beauty, brought from \$8 to \$25 per 100, while other varieties, including Ophelia, Killarney, Sunburst, Radiance, Mock, Shawyer, Richmond, Hadley, etc., can be had in the best grades at prices ranging from \$2 to \$8 per 100. Something that has never happened in this city before has happened—Killarney roses of fair quality and good color at 15 cents per dozen. How is the grower going to live if he has to produce stock to sell at such prices?

NOTES.

The meeting of the florist club, November 2, was growers' night, but the local growers forgot to send in anything that could do credit to the club. The retailers, however, made good with their displays. There should be more interest taken in these meetings to make them a success.

The chrysanthemum show, which was held by the agricultural department, was one of the best this city has ever seen. The attendance exceeded all former years.

G. Lovell is sending in some especially fine Wm. Turner chrysanthemums which meet with ready demand.

W. W. Kimmell local florist, reports that outside work has been better with him this year than ever before.

The Washington Floral Co. is cutting fine pompon stock.

J. L. Loose is laid up with la grippe.
G. C. D.

Massachusetts Agricultural College.

The department of floriculture is busily engaged making the final plans and arrangements for its autumn flower show and exhibition of floral arrangements. It has been decided to open the show, Sunday, November 7, from 2 until 10 p. m., in order that more people from the surrounding cities may have an opportunity to visit it. The exhibition will continue through Monday and Tuesday, November 8-9, being open from 10 a. m. to 10 p. m.

From the present indications it appears as if it would be necessary to use part of the second floor of the building in order to accommodate the various exhibits. Several of the florists in this section have offered to make displays, for they fully realize the opportunity for advertising which this show, with its free admission offers. Also, several other members of the trade have signified their intention to send in exhibits of new varieties and other specialties, for they realize that the florists of this section are much interested in the show. A few of the private gardeners in the state also intend sending something of interest. This is a show for everybody and space will be provided for anyone who wishes to send in anything of interest.

At the request of the Northampton and Holyoke Gardeners' and Florists' Club, special classes, open only to their members, have been arranged. Much interest is being shown by the students in floriculture who are anticipating the competitions provided for them. Mr. Butler, of Northampton, will be on hand to give suggestions to the students in floral arrangement.

The chrysanthemums in the college greenhouses are coming along nicely and include some very fine blooms, so that a wealth of this flower will be available. There will be a large exhibit of named varieties of the different types which should prove of interest to the growers. Chrysanthemums

will be freely used in baskets, large vases, and as pot plants. Besides these and various floral arrangements, the department will also have groups of house plants, Christmas plants, foliage plants, etc. There will be two large plant groups composed of foliage and flowering plants. There will also be collections of books for amateur gardeners, of various types of ornamental containers for the home and other things of interest to the general public. Once again the department wishes to invite one and all, and sincerely hopes that it may have an opportunity to welcome many of the florists and gardeners.

A. S. T.

FAR AND NEAR.

DEFIANCE, O.—Charles Seibert is building a new greenhouse.

MINERAL POINT, WIS.—L. C. Stair has erected a new greenhouse.

BATTLE CREEK, MICH.—J. S. Krebs will open a flower shop in the Ward block.

BUCYRUS, O.—F. J. Norton, florist, is making extensive improvements at his range.

GREENSBORO, N. C.—The Jennings Floral Co. has opened a handsome new flower shop.

VINCENNES, IND.—Paul C. Schultz will add one house to his range on Main street.

SCRANTON, PA.—The New York Floral Co. has opened its new store at 401 Spruce street.

LARAMIE, WYO.—The Overlands Gardens Co. will open a retail store on Grand avenue.

LINCOLN, ILL.—Florists of this city and vicinity are planning to organize a florists' club.

BLOOMINGTON, ILL.—John D. Robinson, pioneer florist and capitalist, died here October 27.

BATTLE CREEK, MICH.—S. W. Coggan will move shortly to a new location on West Main street.

PHOENIX, ARIZ.—Howard J. Brazee has purchased the Morton Flower Shop, 115 North First avenue.

LOUISVILLE, KY.—Fred Eisenmenger will erect another greenhouse at 410 North Forty-fourth street.

LINCOLN, NEB.—C. H. Frey, who caught a severe cold on his auto trip to Kansas City, is much better.

SEDALIA, MO.—The State Fair Floral Co. will occupy a new store on South Ohio avenue after November 1.

FAIRMONT, W. VA.—The Weber Flower Store is now in its new location, Madison and Main streets.

ERIE, PA.—Hill Bros. have moved their greenhouse to more commodious quarters and will make additions.

SPOKANE, WASH.—The Spokane Horticultural Society have decided on a rose and peony show in May, 1916.

HUTCHINSON, KAN.—Plans are being prepared at the city engineer's office for the beautification of Sylvan park.

BUFFALO, N. Y.—Miss Emma Heintz has purchased the Allen Flower Shop, formerly conducted by Mrs. Blakeman.

AMES, IA.—The new plant laboratory and greenhouses at Iowa State College were formally opened November 5-6.

BRISTOL, R. I.—A garden club, which will be affiliated with the Garden Club of America has been organized in this city.

TOLEDO, O.—The annual flower show of the Toledo Florists' Club will be held at the Museum of Art, November 7-9.

WOODSTOCK, ILL.—E. A. Rogers has erected a greenhouse on South Madison street which will be devoted to pot plants.

MILWAUKEE, WIS.—Otto Wilke has leased the greenhouses of F. Schmelting, on Blue Mound road, for a period of five years.

NEVADA, IA.—A. L. Dayton, of this city, has let the contract to transform 20 acres of land near here into an amusement park.

HAMILTON, O.—A new retail store has been opened in the Jefferson theater building under the name of Federle's Flower Shop.

CIRCLEVILLE, O.—The Marion Bros. Co. has incorporated with a capital stock of \$30,000, and will trade in horticultural supplies.

ZANESVILLE, O.—C. L. Humphrey is using the advertising columns of local papers extensively in exploiting both cut flowers and plants.

ELIZABETH, N. J.—John White, Sr., for 30 years engaged in the florist business at 67 Nassau street, New York, died in this city, October 17.

ALEXANDRIA, VA.—The Potomac Gardens have been incorporated by R. B. Washington, L. B. Duffy and others, with a capital stock of \$50,000.

NEW HAVEN, CONN.—Mrs. John N. Champion, who has been suffering for several months with double pneumonia, is reported progressing favorably.

NEW BEDFORD, MASS.—Edward C. Pierce has become a partner in the firm of Jos. V. Pierce & Co. The name of the concern remains unchanged.

ST. LOUIS, MO.—Six thousand visitors attended the annual chrysanthemum exhibition at the Missouri botanical gardens on the opening day, October 31.

PORTLAND, ORE.—The Swiss Floral Co. has leased the A. C. Burkhardt greenhouses and flower shop for a period of five years, and will maintain them as a branch.

BUFFALO, N. Y.—The Connecticut Flower Shop, 360 Connecticut street, is now conducted by Mrs. Klokow, who has been connected with the florists' trade for 25 years.

DES MOINES, IA.—James S. Wilson, head of the Wilson Floral Co., Inc., of this city, was one of the jurors at the Grand Floral Festival held at the Coliseum, Chicago, November 9-14.

TIFFIN, O.—Ulrich's Greenhouses have received an order from the United States government for 100 poinsettia plants to be used to aid in beautifying the grounds of the government arsenal at San Antonio, Tex.

FARGO, N. D.—Smedley & Co., florists, have installed new fixtures and redecorated their retail establishment at 69 Broadway, making it one of the most up-to-date flower shops and conservatories in the northwest.

CLEVELAND, O.—The Friedley Co. has been incorporated by A. A. Smith, Frank A. Friedley, H. W. Lower, R. L. Tohen and M. B. Fennell, with a capital stock of \$10,000, and will engage in the florist business in East Cleveland.

KALAMAZOO, MICH.—The Prudential Nursery Co. has recently secured an order covering the planting out of a 20-acre tract. This company now employs two landscape architects continuously for this branch of their business.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE dry October has been favorable for putting the gladiolus bulb crop into shape for early use in forcing.

PROTECT everything damageable by cold against that bitter freezing weather which may come any night now.

A PLANT and bulb drummer, who has lately made leading towns west of the Missouri, writes: "Trade quite good, but the lily business has been overdone and growers will reduce."

NEW editions have been issued of "Landscape Gardening," by S. T. Maynard, price \$1.50, and "How to Lay Out Suburban Home Grounds," by Herbert J. Kellaway, price \$2.

Dreer's Gold Medal Aquatics.

Henry A. Dreer, Inc., Philadelphia, Pa., has been officially notified that its fine exhibit of water lilies and other aquatics at the Panama-Pacific exposition has been awarded the gold medal. This fine exhibit was one of the most attractive and interesting in the great San Francisco display and certainly merited the highest honor of the exposition authorities.

Arthur Cowee State Assemblyman.

Arthur Cowee, the well-known gladiolus specialist of Berlin, N. Y., was elected to the state assembly from the second district of Rensselaer county at an election, November 2. He was the republican nominee and easily defeated the democratic opponent, his majority being over 1,000. In the communities where Mr. Cowee is known, his popularity is evidenced by the way the voters rallied handsomely to his support.

Minneapolis Flower Show.

President Desmond, of the Minnesota State Florists' Association, has been making a tour of the leading growers in nearby cities including Chicago, Milwaukee and Omaha, in the interest of the flower show to be held under the auspices of his association and the state horticultural society at the West hotel, Minneapolis, December 7. Many of the growers have promised to send exhibits of their specialties.

Houston Show Plans Complete.

Plans for the Houston flower show are now complete. The exhibition will open November 17 and continue through November 20, the commencement to be heralded by a floral automobile parade with beautiful girls. Chrysanthemums will be prominent in this pageant. Two hundred florists from points in Texas are expected to be in attendance, while 50 or more from other states will come.

The Auditorium will be packed to capacity with exhibits and there will be headliner features for drawing crowds, such as living models with handsome gowns displaying shoulder sprays of various types, corsages, and the ankle bouquet will be featured. The bridal party arrangements will also have a prominent place. It will be a 100 per cent better show than last year, with attendance increased in the same proportion.

R. C. KERR.

Postal Receipts Indicate Prosperity.

Announcing the return of postal receipts to practically a normal rate of increase, Postmaster General Burleson made the following statement, November 5:

"Postal receipts at the 50 largest post offices in October, which collect one-half of the postal revenues, contain important evidence of healthy and well distributed prosperity in the country. Postal income is acknowledged to be an accurate barometer of business conditions. The October returns show substantial increases in the largest postal centers in all sections of the United States. The revival of business is general, not local or spotty."

The receipts at the 50 offices for October, 1915, were \$13,207,259.12; and for October, 1914, \$12,751,040.63. October, 1914, had only four Sundays and October, 1915, had five Sundays. Hence the former had 27 working days, compared with 26 working days in October, 1915. Placing each month on a comparable basis as to working days the percentage of increase is 7.57. The actual increase of the receipts for 26 working days during October, 1915, over

the receipts for 27 working days during October, 1914, was 3.58 per cent. The normal increase is from five to six per cent.

Chrysanthemum Society of America.

REPORTS OF COMMITTEES.

New York, October 30.—Mrs. J. Gibson, light pink, Japanese reflexed, scored 89 points exhibition; Wm. Rigby, light yellow sport of Mrs. G. Drabble, Japanese, scored 90 points exhibition; Seedling No. 1, yellow, Japanese incurved, scored 88 points exhibition; Single White No. 20, white, single, scored 90 points commercial; No. 16, bronze, single, scored 86 points commercial; exhibited by Chas. H. Totty, Madison, N. J. White Doty, sport of Til Doty, white pompon, scored 95 points exhibition; exhibited by Elmsford Nurseries, Elmsford, N. Y. Josephine Foley, white, Japanese incurved, scored 87 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Chicago, October 30.—Josephine Foley, white, Japanese incurved, scored 89 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Philadelphia, Pa., October 30.—Josephine Foley, white, Japanese incurved, scored 89 points commercial and 90 points exhibition; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Cincinnati, O., October 30.—Josephine Foley, white, Japanese incurved, scored 90 points commercial; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Boston, Mass., October 30.—Josephine Foley, white, Japanese incurved, scored 90 points commercial and 87 points exhibition; exhibited by Elmer D. Smith & Co., Adrian, Mich.

C. W. JOHNSON, Sec'y.

Cleveland Flower Show.

The Cleveland flower show opened very auspiciously November 10, the early arrivals including Richard Vincent, Jr., White Marsh, Md.; S. S. Skidelsky, Philadelphia, Pa.; A. Pocheon, Detroit, Mich.; Chas. Schwake, New York; I. Bayersdorfer, Philadelphia, Pa.; Thos. Knight, New York; W. R. Nicholsor, Framingham, Mass.; C. E. Critchell, Cincinnati, O.; Michael Bloy, Detroit, Mich.; J. H. Dunlop, Toronto, Ont.; Alex. J. Guttman, New York; Frank Myers, Philadelphia, Pa.; Martin Sampteman, Philadelphia, Pa.; Wm. P. Craig, Philadelphia, Pa.; Julius Roehrs, Rutherford, N. J.; Ben. Hammond, Beacon, N. Y.; Robert Rahaley, Detroit, Mich.; John Young, New York; W. R. Cobb, New York; Chas. W. Johnson, Chicago; E. Allan Pierce, Waltham, Mass.; Jos. H. Hill, Richmond, Ind.; Earl Mann, Richmond, Ind.; Elmer D. Smith, Adrian, Mich.; J. C. Vaughan, Chicago; J. A. Valentine, Denver, Colo.; Geo. Asmus, Chicago; Henry G. Berning, St. Louis, Mo.; J. F. Ammann, Edwardsville, Ill.; Emil Buettner, Chicago.

Belgian Plants.

McHutchison & Co., New York, write November 3 as follows:

"Last week we received from Belgium 458 packages of azaleas, etc., per S.S. Ryndam and Oosterdyk. This week we received 666 packages more per S.S. Martensdyk and Rotterdam. This list excludes shipments of Holland origin. When we consider the position of the Belgian growers, the difficulties of getting permits to ship, first from the British and then from the German authorities, the problem of getting transportation, etc., we consider that the Belgian growers deserve great credit for their energy and resourcefulness."

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—By experienced florist in carnatio chrysanthemums, cucumbers and pot plants single man; 15 years' experience. Key 582, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By young man as assistant storeman, strictly honest sober and reliable, 3 years in the trade. Have A1 reference, Chicago or the middle west preferred. Can come Dec. 12. Please state wages in first letter. Address Key 579, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORION, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—A young salesman in retail florist's store, must have best of references. A. LANGE, Florist, 25 E. Madison St., Chicago, Ill.

Help Wanted—Competent men to pack plants, bulbs and seeds for firm doing a general freight, express and mail order business in these lines. Address, giving full particulars, Key 581, care American Florist.

Help Wanted—Experienced man to grow general stock of miscellaneous greenhouse plants, bedding and vegetable stock. State age, experience and wages expected. Address Key 580, care American Florist.

For Sale—Five to nine acres of land cheap. Rare opportunity for florist. Address Box 51, San Antonio, Fla.

For Sale—Going out of business, we offer for sale boilers, steam pipe and glass. Write for prices. O. L. BAIRD, Dixon, Ill.

For Sale—Florist greenhouse business; good seven room house; ¼ acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—Three greenhouses, over 3,000 feet of glass; 8 room dwelling; 7 acres good land; dwelling and greenhouses steam heated and electric lights; own water supply outfit. \$3,750 takes the place, stock and good-will. Clear title. Doing good business. A. R. ELLIS, Chittenanga, N. Y.

For Sale—Greenhouse 100x160, three miles from Kansas City, on rock road and electric line. A never failing water supply. Three acres of land with two new stucco bungalows. Greenhouse in good running order; equipped with steam plant, packing room and stables. Raspberries, blackberries and strawberries on land. Price complete, \$8,500.00. \$5,000.00 cash, balance long time. A. PEACHEY, Merriam, Kas.

For Sale—My retail florist business, located in the heart of Brooklyn, New York. It is a fine neighborhood and for fourteen years I have had a prosperous business. My reasons for selling are, that I have other interests that demand my attention. I have a new auto delivery car that the buyer of the business can secure at a reasonable price. For terms address, JOHN STOKES, 413 Gates Avenue, Brooklyn, New York.

For Sale or Rent Cheap—On account of death 28 years established florist business; four greenhouses and dwelling, all in good condition; no competition; best location, handy in every way, Stock on hand gratis. Convince yourself or write to MRS. VALOM, 838 31st. St., Milwaukee, Wis.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

NOTICE

The agreement between Israel H. Eisenberg and Hugo Bergman ceased on November 1st, 1915. Statements for unpaid bills contracted previous to the above date should be sent to number 9 Grove Street, Far Rockaway, L. I., New York.

I. H. EISENBERG, New York.
November 4, 1915.

Help Wanted:

Greenhouse vegetable grower. High class man familiar with in and outside market gardening. Young married man preferred. A good proposition for the right man. New modern plant. Give references. Address

Key 576, care American Florist.

For Sale

Whole or part interest in established nursery, within easy hauling distance of Chicago's finest suburb. Ample acreage, up-to-date buildings, large variety of developed immediate effect stock. Exceptional opportunity for one with moderate capital. Address

Key 578, care American Florist.

TO GROWERS:

Hickory Wood Ashes

FOR SALE. Apply at once to

CASTLE CAVE,

271-73 Seventh Ave., New York City

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

LATEST EDITION

ISSUED JULY, 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St, CHICAGO

CHRYSANTHEMUMS

**The best Novelties for 1915 are those
Originated by Elmer D. Smith & Co.**

Large-flowered, Pompons and Singles in all the best colors.
Exhibition and commercial kinds in great variety.

For next season's planting. The four best for October flowering are:

Golden Queen.

For the first two weeks.

Crystal Gem.

White, for second week.

Marigold.

Bright yellow, third week.

Early Frost.

A new early white of last season's.

Are booking orders now for January, February and March delivery. Rooted cuttings at
\$7.00 per 100, \$60.00 per 1000.

NOVELTIES FOR 1916

Early Rose. A bright rose pink. C. S. A. Certificate, October 16th. Best
early pink for October 10-20th. 50c each; \$4.00 per 10;
\$30.00 per 100.

October Queen. Purest glistening white, maturing October 20th, 4 feet.
Excellent upright growth with beautiful foliage. C. S. A.
Certificate. 50c each; \$4.00 per 10; \$30.00 per 100.

Tiger. (Exhibited as 111-1-13 and named by Pres. Wilson.) A seedling from
Chrysolora. Bright yellow, fine incurved form, good from any bud after
Sept. 1st., semi-dwarf, fine stem and foliage. C. S. A. Certificate. 50c each,
\$4.00 per 10, \$30.00 per 100.

Josephine Foley. A seedling from Naomah but purer white, high
rounded incurved form, excellent stem and foliage.
Matures last of Oct. A fine commercial from Sept. buds, giving double flowers,
5 feet. C. S. A. Certificate. 50c each, \$4.00 per 10; \$30.00 per 100.

Smith's Cameo. Commercial Pink. **Artista.** Exhibition White.

Ogontz. Exhibition Straw Yellow.

Delivery on or before March 1st.

All other varieties both new and old furnished at popular prices.

— Send for List. —

ELMER D. SMITH & CO., Adrian, Mich.

The Home of BUDLONG'S FAMOUS "BLUE RIBBON VALLEY."



IMPORTANT ANNOUNCEMENT

¶ We will be located in our new store on the main floor of the LeMoyné Building at 184 N. Wabash Avenue, next week, where we will be in a much better position than ever before to look after the wants of our many customers. We believe in keeping abreast of the times and the change in location will be beneficial in more ways than one to our many patrons as well as ourselves for our new home is splendidly located and in the very center of the World's Greatest Wholesale Cut Flower District. You are cordially invited to call and inspect our establishment and make it your headquarters whenever you may so desire.

FOR THANKSGIVING

We will have

GOOD CROPS OF ROSES

Beauties-Russell-Ophelia-Sunburst-Double White Killarney
Killarney Brilliant-Killarney-Milady-Ward and Richmond

Heavy Supply **CARNATIONS** Highest Quality
Red—White—Pink—Light Pink

You can place your order here with the assurance that your wants will be properly taken care of. We have all the best leading varieties and can give best satisfaction.

'MUMS

White-Yellow-Pink. The finest cut of blooms we have ever had. Exhibition stock at the regular prices.

VALLEY

Budlong's Famous Blue Ribbon Valley still retains its name. There's a reason. A trial order will disclose the secret. Obtainable every day of the year.

Violets, Pompons, Harrisii, Asparagus, Ferns and all Greens and Cut Flowers.

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

ANNOUNCEMENT

IT is with pleasure that we announce that we will be located in our handsome new quarters on and after November 15, on the main floor of the LeMoyné Building, at 182 North Wabash Avenue, in the heart of the Great Central Wholesale Cut Flower Market, where we will be better equipped than ever to handle our rapidly increasing business. The change will enable us to give A1 service to all our customers and the word service in our estimation means only one thing and that is complete satisfaction. You are cordially invited to inspect our new home on and after that date and make it your headquarters whenever you may find it convenient to do so.

Exceptionally Large Supply of Choice Cut Flowers For Thanksgiving

Carnations, Chrysanthemums, Pompons, Beauties, All The Leading Roses, Violets, Lilies, Valley, Orchids and Complete Line of Greens.

Try us for whatever you need for Thanksgiving and you will not go wrong.

Thanksgiving Price List

AMERICAN BEAUTIES		Per doz.
Extra Special	.....	\$5.00
48-inch	.....	4.00
36 to 40-inch	.....	3.50
24 to 30-inch	.....	3.00
18 to 20-inch	.....	2.50
12 to 15-inch	.....	\$1.50 to 2.00
ROSES		Per 100
Richmonds	.....	\$4.00 to \$10.00
Killarney, white, pink	.....	4.00 to 10.00
Killarney Brilliant	.....	4.00 to 10.00
My Maryland	.....	4.00 to 10.00
Sunburst	.....	4.00 to 10.00
Ward	.....	4.00 to 10.00
Bulgaria	.....	4.00 to 10.00
Ophelia	.....	4.00 to 10.00
Milady	.....	4.00 to 15.00
Hoosier Beauty	.....	4.00 to 20.00
Russell	.....	5.00 to 20.00
Roses, our selection	.....	3.00 to 4.00
CARNATIONS		
Carnations, common	.....	\$2.00 to \$ 3.00
fancy	.....	4.00

CHRYSANTHEMUMS		
Mums	..... per doz.	\$1.50 to \$3.00
Ex. fancy,	per doz.	4.00
Pompons	..... per beh	.35 to .50
MISCELLANEOUS		
Orchids	..... per doz.,	\$7.50 to \$9.00
	Per 100	
Violets	.....	\$ 0.50 to \$ 1.00
Paper Whites	.....	3.00
	Per 100	
Stevia	.....	1.50
Sweet Peas	.....	.75 to 1.50
Easter Lilies	.....	10.00 to 12.50
Valley	.....	4.00
Adiantum	.....	.75 to 1.00
Asparagus Strings	..... each	.60 to .75
Asparagus Bunches	..... each	.25 to .50
Sprenger Bunches	..... each	.25 to .50
Smilax	..... per doz.	1.50 to 2.00
Galax, green	..... per 1,000	1.00
bronze	..... per 1,000	1.25
Ferns	..... per 1,000	2.00
Boxwood	..... 50 lb. cases	7.50
Boxwood	..... per bunch	.25
Wild Smilax	..... large cases	5.00

Subject to Change Without Notice.

Chicago Flower Growers' Association

Wholesale Growers of Cut Flowers and Plants

182 N. Wabash Ave ,

L. D. Phone,
Randolph 5449

Chicago, Ill.

PLANT A LIVE ONE

AVIATOR

THIS WONDERFUL NEW CARNATION

was placed on the market for the first time last season, but was withdrawn later and afterwards came into our possession, when we leased the Chicago Carnation Co.'s greenhouses. Aviator is the greatest money maker for any one to grow. You can count more profits in six months from Aviator than any other scarlet, on account of its wonderful productiveness, producing twice as many blooms as any other carnation, and a heavy crop for Christmas. Will produce 30 blooms per plant per season. The color is an intense scarlet and the flower has a fine full center. The stem is thin, wiry and stiff, and the calyx non-bursting. Aviator is a cross between a Red Sport of Maceo and a Red Seedling, and has the habit of Maceo. Every break develops into a fine flower in a remarkably short time.

Booking Advance Orders Now For Rooted Cuttings.
Price, \$12.00 per 100; \$100.00 per 1000.

J. D. Thompson Carnation Co.
JOLIET, ILLINOIS

Craig Quality Won

At the Cleveland Show

OUR houses are full of just such stock. Brilliantly colored **Dracaenas**, **Crotons**, **Pandanus**, fancy **Ficus** and other ornamental foliage plants. Our new special, the **Wanamaker Fern**, the latest and most beautiful sport of the **Nephrolepis** family. We have many repeat orders for this novelty.

All the Standard Ferns in Most Salable Sizes.

In the Blooming Section. Exceptionally well grown **Poinsettias**. Twenty thousand **Cyclamen**, in 4 to 7-in. pots, heavily flowered. All the flowering **Begonias**, superb stock. Well fruited **Oranges** and **Ardisias**.

Order Now for the Holidays. Get the first choice. We set aside all orders as received and ship on date required. Order a \$25.00 sample box for immediate use, you will sell every plant.

THE ROBERT CRAIG CO.
49th and Market Sts., Philadelphia, Pa.

To-ye-men-of-the-soil An Announcement

"In vain on study time away we throw
When we forbear to tell the things we know."

When We Know a Good Thing—We Pass It Along!

Many years ago we brought "Killarney" Roses in the Chicago Market. We told you to grow them. What was the result?

Note this—

CHAMP WEILAND

is a new Pink Forcing ROSE
for the man
who grows for profit.

It is

Easy to grow and prolific!

Exquisite in color!

Remarkable in size, beauty and foliage!



More You Cannot Ask.

To see them is to like them---To grow them is to profit.

YOU NEED THE BIG MONEY MAKER of 1916.

To be sent	OWN ROOT	GRAFTED
out by us	\$250.00 for 1000	\$300.00 for 1000
in	30.00 for 100	35.00 for 100
March, 1916	or 250 at 1000 rate	or 250 at 1000 rate

Orders booked NOW.

First come first served.

WEILAND & RISCH

ORIGINATORS AND GROWERS

154 N. Wabash Avenue

Phone, Central 878

CHICAGO

NEBRASKA

The Wonderful New Carnation

BEST SCARLET IN SIGHT TODAY—BAR NONE

Will be Ready December 1.

Freest Blooming—Largest Flower—Brightest Color—Longest and Stiffest Stems—Never Splits—No Culls—Early and Continuous.

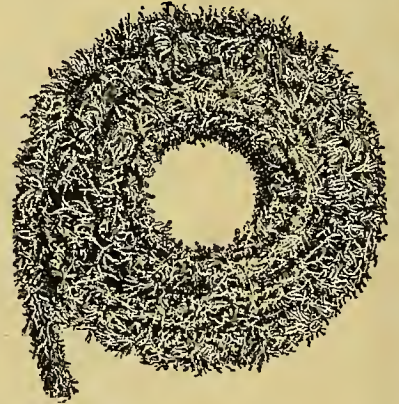
Strong and easy grower, making very large plants in the field. Our first plantings, July 8, are giving good blooms now and covered with buds.

STRONG ROOTED CUTTINGS:

Per dozen.....	\$3.00	Per 100.....	\$ 12.00
Per 25.....	4.50	Per 1000.....	100.00
Per 50.....	8.00		

By Express Only.

C. H. FREY, 1133 O Street, **Lincoln, Neb.**



Vaughan's Bouquet Green VAUGHAN'S XXX HOLLY Green Wreathing

Boxwood, Laurel, Mistletoe, Magnolia Leaves, Japanese Roping,
Cycas Leaves, Winter Berries, Immortelles, Ruscus.

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

NEW CARNATION

Belle Washburn

A Beautiful Brilliant Red

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N.Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

IT has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower $3\frac{1}{2}$ to 4 inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Enchantress family. It has a very spicy odor much greater than the average Carnation. It comes in full flower by the 1st of December and then continues steadily the balance of the season.

The present sharp competition in business requires the grower to plant a variety that always produces high-grade flowers, never bursts the calyx, has strong, long stems, is steady and continuous bloomer, no cropper. The color is the most brilliant red of any Carnation now in market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 18,000 devoted to rooted cuttings.

We will have 100,000 strong, well-rooted cuttings guaranteed all first-class ready for delivery during December. The price of the rooted cuttings will be \$12.00 per 100; \$100.00 per 1000.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

HINSDALE, ILLINOIS.

ROSES-CARNATIONS

In Large Supply for Thanksgiving.

**BEAUTIES-'MUMS-POMPONS-VIOLETS-LILIES
VALLEY-ORCHIDS-SWEET PEAS-STEVI-ETC.**

We have everything that is seasonable in Cut Flowers and Greens and fill all orders to the buyer's satisfaction. All our stock is guaranteed to be strictly fresh and particularly suitable for shipping orders. **Try Us.**

THANKSGIVING PRICE LIST:

American Beauties Per doz.		Per 100		Per 100	
Extra Special	\$5.00	Sunburst	4.00 to 10.00	Sweet Peas	\$.75 to \$1.50
36 to 40-inch	4.00	Ward	4.00 to 10.00	Violets .....	.50 to 1.00
24 to 30-inch	3.00	Mrs. Chas. Russell...	5.00 to 20.00	Valley	4.00 to 5.00
18 to 20-inch	2.50	Roses, our selection...	4.00	Adiantum .....	.75 to 1.00
12 to 15-inch	\$1.50 to 2.00			Asparagus strings each	.50 to .60
Roses Per 100		Carnations		Asparagus bchs...each	
Richmond	\$4.00 to \$10.00	Carnations, common....	\$2.00 to \$3.00	Sprengerl bchs... ea.	.25 to .50
Killarney, white, pink.	4.00 to 10.00	" fancy	4.00 to 5.00	Smilax	per doz. 1.50 to 2.00
Killarney Brilliant...	4.00 to 10.00	Miscellaneous		Galax, green ..per 1,000	1.25
Ophelia	4.00 to 10.00	Orchids	per doz. \$6.00 to \$ 7.50	Ferns	per 1,000 2.50
Milady	4.00 to 10.00	Mums	per doz. 1.50 to 4.00	Boxwood...50 lb. cases	7.50
My Maryland	4.00 to 10.00	Pompons	bunch .35 to .50	Boxwood	per bunch .25
		Easter lilies...per 100	10.00 to 12.50	Wild Smilax large cases	5.00
		Paper Whites...per 100	3.00	Subject to change without notice.	

ERNE & KLINGEL

Wholesale Florists

30 East Randolph Street,

L. D. Phone 6578

CHICAGO, ILL.

ROSES

Mums-Carnations-Pompons

BIGGEST CROPS EVER

ORDER OF US

AND WE WILL FIX YOU UP RIGHT. WRITE NOW.

We are particularly strong on all seasonable stock for Thanksgiving and would appreciate a trial order.

HOERBER BROS.

Wholesale Growers of Cut Flowers

162 N. Wabash Avenue,

Long Distance Phones:
Randolph 2758.
Automatic 41-770.

Chicago



The Stock In Our Greenhouses Never Was In Better Condition Than It Is Now.

HEAVY SUPPLY

Roses For Thanksgiving

SUPREME QUALITY

Beauties - Richmond - Milady - Ophelia - My Maryland - Killarney
White Killarney - Killarney Brilliant - Sunburst and Mrs. Chas. Russell

FANCY CARNATIONS

We will have plenty of choice stock in all grades of everything listed in our price list and will fill your wants to your entire satisfaction. Place your order with us early and be assured of getting the best obtainable.

Buy Direct From The Grower.

THANKSGIVING PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
15 to 20-inch stems.....	\$1.00 to 1.50
Short.....	\$6.00 to \$8.00 per 100

Richmond.....	} Extra select.....	Per 100
Killarney.....		
White Killarney.....		
Killarney Brilliant.....		
My Maryland.....		
Sunburst.....	Select.....	8.00
Milady.....	Medium.....	5.00 to 6.00
Ophelia.....	Short.....	4.00

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Medium.....	.75 to 1.00
Short.....	.50

ROSES, our selection..... \$3.00

Carnations.....	Per 100	\$3.00 to \$4.00
Chrysanthemums.....	doz., \$2.00 to \$3.00	
Pompons.....	35c to 50c per bunch	
Harrisii.....	10.00 to 12.50	
Valley.....	4.00	
Adiantum.....	1.00	
Asparagus, per bunch.....	50c to 75c	
Ferns, per 1000.....	\$2.50	
Leucothoe, per 100.....	\$1.00	

2,000,000 Feet of Modern Glass.

PETER REINBERG

30 East Randolph St.,

Long Distance Phone
Central 2846

CHICAGO

A CORDIAL INVITATION

is extended to all local and visiting florists and their friends to call and see our stock of plants for the holidays and all other occasions.

Decorative and Blooming Plants

Blooming Plants for Christmas and Easter a Specialty

Take Garfield Park branch of the Metropolitan Elevated to Cicero Ave., walk four blocks north and one block west, or take Madison St. car to Cicero Ave., walk two blocks south and one block west.

FRANK OECHSLIN,
4911 West Quincy Street, CHICAGO, ILL.

Dayton, O.

The weather during the month of October was exceptionally fine, but it was the sort of weather that depreciates the value of flowers from the florists' standpoint. Outdoor chrysanthemums are still sold on the market and naturally caused a slump in the market for the All Saints' day trade. Business is increasing and a good Thanksgiving trade is anticipated. Chrysanthemums of all varieties are appearing in quantities and pompons in splendid bunches are selling for \$2 per dozen sprays. Carnations are good but are short stemmed. Roses are fine, but American Beauties are not considered a good investment; that is in any quantity.

NOTES.

Manager Rodgers of the Miami Floral Co. reports sales about 30 per cent better than at this time last year. Invitations have been issued for their chrysanthemum show. There are about 20,000 chrysanthemums in bloom at the greenhouses and the roses and carnations are now in splendid condition.

The Dennison-Miami football game November 6, caused Matthews, the Florist, to put on an extra force at his new store in the Miami hotel. Yellow and white chrysanthemums were used and as some 800 rooters for the two teams made the hotel their headquarters there was "some rush."

The many friends of Mrs. Warren G. Matthews will be very glad to hear of her complete recovery after a severe illness, which necessitated several trips to the Martinsville sanitarium before a complete cure was effected.

The Advance Floral Co. reports a good trade, with three elaborate wedding orders booked for the coming week. Some fine orchids and splendid chrysanthemum stock were noted at this establishment.

Matthews, the Florist, has been unusually busy during the past week, the demand for funeral work being so heavy that the force has been working until midnight on several nights.

Jake Fromm has the sympathy of the trade in the death of his eldest son, Harry, who was instantly killed November 3, when a heavy elevator weight fell on him.

E. E. Schaeffer of the Advance Floral Co. and Mr. Rogers of the Miami Floral Co. will greet their friends at the Chicago Grand Floral Festival, November 9-14.

Warren G. Matthews and his son, Walter, attended the Cleveland flower

Araucaria Excelsa



ARAUCARIA EXCELSA.

CANNA FIREBIRD, ready now. 25 or more, 20c each.

VAUGHAN'S SEED STORE,

43 Barclay St., NEW YORK.

31-33 W. Randolph St., CHICAGO
Greenhouses: Western Springs, Ill.

5-in. pots, 2 ft. high, with 5 whorls,
\$1.00 each; \$10.00 doz.

6-inch pots, 2 feet 6 inches high,
with 6 whorls, \$14.00 per
doz.; \$1.50 each.

CYCLAMEN

Assorted Colors

4-inch, large plants, ready to
flower, \$20.00 per 100.

Move your needs in
Holiday and Winter
Plants before freez-
ing weather.

show. Horace Frank and Mr. Moon also spent a few days at the Cleveland exhibition.

John Boehner, the South Park florist, reports business as being very good. All Saints' day trade was very satisfactory at his establishment.

Geo. Bartholemew is cutting a large crop of chrysanthemums and carnations and says that business is very satisfactory.

Mrs. Bernard Haschke is supplying the local trade with some splendid chrysanthemums. She has three houses in bloom.

J. F. Young, the Fifth street florist, reports good business with advance orders coming in nicely.

Visitors: G. Lampert, Xenia, O.; H. P. Smith, Piqua, O.; Mr. Reising, representing Baumann & Co., Chicago; Mr. Morgan of Lord & Burnham Co.
W. G. M.

CUDAHY, WIS.—The Cudahy Floral Co. of this place has been incorporated with capital set at \$125,000. The incorporators are Patrick Cudahy, John Cudahy and G. W. Scott.

LOS ANGELES, CALIF.—The Redondo Floral Co. is making extensive improvements at its establishment on Spring street, which will facilitate the sales department very much in its work.

RECORD CROP

Fancy 'Mums

White--Pink--Yellow

FOR THANKSGIVING

Also Tremendous Supply

**Pompons - Roses - Beauties
Carnations - Violets - Daisies
Sweet Peas - Orchids - Lilies
Valley - Stevia - Greens - Etc.**

Year after year we have been supplying a regular list of customers with stock for Thanksgiving and this year will be no exception, for our growers report that the crops will be larger than ever which means that we will be able to supply many more new customers. Leading florists state that Vaughan's flowers are absolutely essential in conducting a satisfactory Thanksgiving business. Order here.

Thanksgiving Price List. In Effect
November 20.

American Beauties Per Doz.		Per 100		Per 100	
Extra Special	\$5.00	Sunburst	4.00 to 10.00	Stevia	1.50
36 to 40-inch.....	4.00	Ward	4.00 to 10.00	Valley	4.00 to 5.00
24 to 30-inch.....	3.00	Mrs. Chas. Russell...	5.00 to 20.00	Violets .....	.50 to 1.00
18 to 20-inch.....	2.50	Roses, our selection...	4.00	Adiantum .....	.75 to 1.50
12 to 15-inch.....	\$1.50 to 2.00	Carnations		Asparagus strings each	.50 to .60
Roses Per 100		Carnations, common....		Asparagus behs...each	.25 to .50
Richmond	\$4.00 to \$10.00	fancy		Smilax	per doz. 2.00
Killarney, white, pink.	4.00 to 10.00			Sprengeri behs...each	.25 to .50
Killarney Brilliant....	4.00 to 10.00	Miscellaneous		Galax, green...per 1,000	1.25
Ophelia	4.00 to 10.00	Orchids		Ferns	per 1,000 2.50
Milady	4.00 to 10.00	per doz. \$		Boxwood...50 lb. cases	7.50
My Maryland	4.00 to 10.00	1.50 to \$		Boxwood...per bunch	.25
		.75 to \$		Wild Smilax, large cases	5.00
		3.00		Subject to change without notice.	

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONS: { Central 2571
" 2572
Auto. 48-734

CHICAGO

POEHLMAN

72-74 E. Randolph St.,

'Mums-Roses-Carnations-Cattleyas

GARDENIAS--VALLEY--HARRISII

SPECIAL QUOTATIONS

Good Short Roses, assorted, our selection, per 1000, \$20.00 Good Carnations, per 1000, \$20.00

CURRENT PRICE LIST.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$5.00
36 in.....	4.00
30 in.....	3.00
24 in.....	2.50
20 in.....	2.00
18 in.....	1.50
Short.....	\$.75 to 1.50

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$20.00 to \$25.00
Long.....	15.00 to 18.00
Medium.....	8.00, to 12.00
Short.....	4.00 to 6.00

Hoosier Beauty	}	Per 100
HADLEY		Special \$10.00 to \$12.00
OPHELIA		Long.... 8.00
SUNBURST		Med. ... 6.00
MILADY		Short... 3.00 to 4.00

RICHMOND	}	Per 100
BULGARIA		Specials.....\$10.00
AARON WARD		Long..... 8.00
KILLARNEY		Medium...\$4.00 to 6.00
WHITE KILLARNEY		Short..... 2.00 to 3.00
KILLARNEY QUEEN		
" BRILLIANT		

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, \$3.00 to 6.00

MISCELLANEOUS

	Per 100
Pompons.....	per bunch, 35c to 50c
Snapdragon.....	\$4.00 to \$6.00
Sweet Peas, Spencer.....	1.50 to 2.00
Violets.....	.75 to 1.00
Smilax.....	doz. \$2.00
Plumosus and Sprenger.....	2.00 to 3.00
Adiantum.....	1.00
Galax, green and brown.....	1000, \$1.25
Leucothoe.....	.75
Mexican Ivy.....	per 1000, \$6.00
Ferns, new crop.....	per 1000, 2.00
Boxwood.....	per bunch, 85c; box, \$7.50
Red Winter Berries.....	per box, \$1.50 to 3.00

ORCHIDS

Cattleyas.....	Per doz. \$6.00 to \$7.00
White Dendrobiums.....	6
Yellow Oncidiums.....	per 100, 4
Phalaenopsis, per 100.....	\$10.00 to \$12.00
Gardenias.....	per doz., \$3.00 to 4

CHRYSANTHEMUMS

Red-Bronze-Pink-White-Yellow	Per doz.
Large.....	3
Medium.....	2.00 to 2
Small.....	1.00 to 1

EASTER LILIES

Per 100.....	\$8
--------------	-----

LILY OF THE VALLEY

Fancy, per 100.....	\$5
2nd.....	\$3.00 to 4

CARNATIONS

All colors, best, per 100.....	3
Medium, per 100.....	2
Short, per 100.....	\$1.00 to 1

WILD SMILAX

Per case.....	\$5
---------------	-----

We have the best Boxwood ever shipped into this market.

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock.

Our Best Sellers

↔

This Week

RED RUSCUS

EE Quality, per lb., 75c.

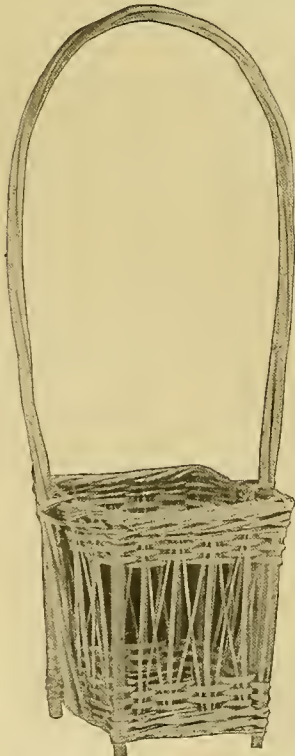
Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefinitely.

6-in. Water-Proof Chiffon, per yard, \$0.04

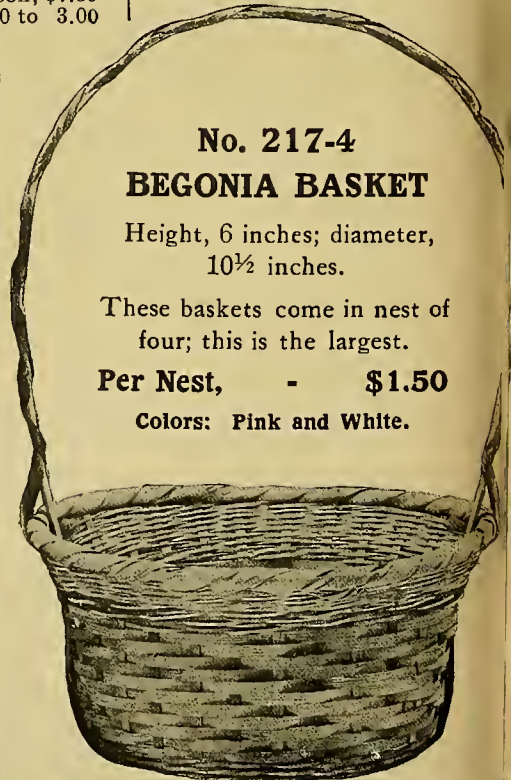
50 ASSORTED TUMBLER BASKETS

(two-toned), with Liners, \$10.00

Send for our Xmas Circular; ready for mailing now



No. 218-1-2 Plant Basket.
Open Willow, Liner Included.
1-3x3, each.....\$0.25
2-4x4, each......35



No. 217-4
BEGONIA BASKET

Height, 6 inches; diameter,
10½ inches.

These baskets come in nest of
four; this is the largest.

Per Nest, - \$1.50

Colors: Pink and White.

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 pots 3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana

Single Plants		Each
4 inch pots, 5 to 6 leaves,	18 in. high	\$0.40
\$4.50 per dozen.		
6 inch pots, 6 to 7 leaves,	24 in. high	1.00
6 inch pots, 6 to 7 leaves,	28 to 30 in. high	1.50
7 inch pots, 6 to 7 leaves,	36 in. high	3.00
8 inch tubs, 6 to 7 leaves,	38 in. high	3.50
10 inch tubs, 6 to 7 leaves,	48 in. high	5.00
12 inch tubs, 6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.		

Kentia Forsteriana

Made-up Plants		Each
7 inch pots, 3 plants in a pot,	28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub,	38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub,	50 in. high	5.00
8-inch tubs, 4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.		

Kentia Forsteriana

Single Plants		Each
6 inch pots, 5 to 6 leaves,	28 to 30 in. high	1.00
6 inch pots, 6 to 7 leaves,	34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves,	38 to 42 in. high	2.00
8 inch tubs, 6 to 7 leaves,	50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves,	5 ft. high	6.00
10 inch tubs, 6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii

	Each
3-inch.....	\$3.00 per doz.
5 inch pnts.....	\$1.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	\$5.00 to 7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Amabilis

6-inch pots.....	\$1.00, \$1.25 each
------------------	---------------------

Dracaena Terminalis Rosea

4-inch pots.....	40c each; \$4.50 per doz.
5-inch pots.....	75c each; 7.50 per doz.

Dracaena Godseffiana

Per doz.....	\$1.00
--------------	--------

Dieffenbachia Magnifica

Each.....	50c, 75c, \$1.00
-----------	------------------

Blooming and Decorative Plants

You undoubtedly will have need for the stock listed below for present use and for Thanksgiving day. Our Chrysanthemum pot plants, Begonias and Cyclamen are unusually fine this year and we advise placing your order with us. ORDER NOW.

CROTONS.

Very Fine Colored Stock	Each
1 inch pot.....	\$.50 \$45.00
1 inch pot, strong.....	.75 70.00
1 inch pnt.....	\$1.00 to 1.50

ARAUCARIA EXCELSA

	Each
1 inch, 3 to 4 tiers.....	\$0.75
1 inch, 4 tiers.....	1.00
1 inch, 4 to 5 tiers.....	1.25
1 inch, 5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

	Each
1 inch, 2 to 3 tiers.....	\$1.00
1 inch, 3 tiers.....	1.50
1 inch, 3 to 4 tiers.....	2.00
1 inch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock	Each
1 inch pot.....	\$0.35 \$30.00
1 inch pnt.....	.50 45.00
1 inch pot.....	.75

ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

CHRYSANTHEMUM POT PLANTS

Ready Now

5½ and 6-inch pots.....	40c, 50c and 60c each
7-inch.....	75c, \$1.00, \$1.25, \$1.50 and up

FERNS.

Boston, Roosevelt and Whitman

	Each	100	Each
6-inch pot.....	\$0.50	\$45.00	10 inch pot...\$2.00 to \$2.50
7-inch pot.....	.75	.....	12-inch pot... 3.00 to 3.50
8-inch pnt.....	1.00	.....

BEGONIA LORRAINE

Largest and best stock we ever had.

4-inch—In bloom.....	30c each
5-inch—In bloom.....	50c to 75c each
6-inch—In bloom.....	\$1.00 each
7-inch—In bloom.....	\$1.50 to \$2.00 each

BEGONIA CINCINNATI

Extra fine stock for immediate and future delivery.	
4 inch.....	35c each
5-inch.....	75c each
6-inch, strong.....	\$1.00 to \$1.25 each
7-inch.....	1.50 to 2.00 each



CYCLAMEN

Our Cyclamen are now coming in bloom and we offer a fine stock.

5-inch.....	50c each
6-inch.....	75c each
7-inch.....	\$1.00, \$1.50 each

For November and December delivery we will have over 25,000 of the best Cyclamen seen anywhere in sizes from 5-inch to 7-inch at reasonable prices.

CHRYSANTHEMUMS

POMPONS—Fancy varieties, all colors, 25c to 50c per bunch.

NOW READY—Extra large Yellow, White and Pink, very fancy, \$2.50 to \$3.00 per dozen. Good Medium, \$1.50 to \$2.00 per doz.; Smaller Pink, White and Yellow, \$1.00 to \$1.25 per doz.

LARGE CUTS OF ROSES

Beauties-Russell-Ophelia-Sunburst

and all the other varieties listed below. Order here and get the best.

CURRENT PRICE LIST

American Beauties		Per doz.
Specials, extra long stems.....		\$4.00
30 to 36 in. stems.....	\$ 2.50 to	3.00
24 in. stems, New Beauties.....		2.00
18 in. stems.....		1.50
Shorter lengths.....	per 100, \$6.00 to	\$8.00
Russell		Per 100
Specials.....	\$12.00 to	\$15.00
Extra long.....		10.00
Good medium.....	6.00 to	8.00
Short.....		4.00
Sunburst, Ophelia, Rhea Reid, Bulgaric and Sawyer		
		Per 100
Special.....		\$10.00
Long.....		8.00
Medium.....	5.00 to	6.00
Short.....		4.00

Killarney Brilliant, White and Pink Killarney, Richmond and Hillingdon		Per 100
Long.....		\$8.00
Medium.....	\$5.00 to	6.00
Short.....		4.00
Cecile Brunner..... per bunch, 50c		
CARNATIONS.		
Pink, White, Red (indoor).....		3.00
Choice EASTER LILIES.....		\$1.50 per doz.
LILY OF THE VALLEY.....		4.00 to 5.00
ASPARAGUS SPRAYS and SPRENGER.....		3.00
FERNs,.....		1000, \$2.00
GALAX, bronze and green.....		per 1000, \$1.25 to \$1.50

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

ROSES OR CARNATIONS. Our Selection. In lots of 300 or more at the rate of \$2.50 per 100.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

WEEK OF THE GRAND FLORAL FESTIVAL.

The Grand Floral Festival, which opened at the Coliseum, November 9 and continues until November 14, is helping trade considerably and is the main topic of conversation in the market. Trade last week was very quiet and sales on some days were a great deal less than they were during the summer months when asters and gladioli ruled the market. Most of the dealers attribute the lull in business to the flower show and the warm weather, which has prevailed for nearly a week and it seems as if the show had something to do with it for the moment it opened business began to improve and the outlook is more encouraging. The show ought to help the Thanksgiving trade a great deal and it would not be at all surprising if the market cleaned up completely in all lines during Thanksgiving week. At present stock of all kinds is plentiful and of good quality. Chrysanthemums especially are in large supply and fancy exhibition stock is obtainable at very reasonable figures. Pompons are also seen at all the stores in large quantities in all the seasonable varieties and are selling at prices ranging from 25 to 50 cents per bunch. American Beauty roses are cleaning up well at fair prices and there is no great surplus when the stores close at night. Mrs. Chas. Russell roses are in good supply and some of the finest stock ever offered in this variety is obtainable this week. Roses in general are plentiful; choice stock in all lines is obtained at reasonable prices. Carnations are seen in large numbers and are selling fairly well at prices that could be

' M U M S

White—Pink—Yellow

Big Supply in all the Leading Standard Varieties

For Thanksgiving

POMPONS

Regular Daily Shipments.

SNAPDRAGONS

Choicest Stock in this Market.

CARNATIONS

Strictly fresh stock. Best suitable for shipping purposes.
My prices are right and a trial order will be appreciated.

VIOLETS—Single and Double

GARZA CHRYSANTHEMUMS

EVERYTHING IN GREENS

O. A. TONNER, 30 E. Randolph St., Chicago

much higher. Sweet peas and snapdragons are more plentiful but clean up well considering the general market condition. Violets, both single and double, are reaching the market in heavy supply and are being sold at rather low prices. Orchids are in good supply and the same applies to gardenias and lily of the valley. Greens of all kinds are plentiful and red winter berries are now being offered in quantity. The supply houses are making big displays of holiday goods, which are attracting the attention of

the local buyers as well as the many visitors to the show. Inquiries regarding stock for Thanksgiving are numerous but it is rather difficult to tell whether cut flowers will be plentiful then or not, but it is always advisable to place orders early so as to insure one's supply.

NOTES.

John Michelsen, of the E. C. Amling Co., and W. J. Keimel, of Wendland & Keimel, visited the growers at Richmond and New Castle, Ind., Friday, November 5.

H. VAN Gelder, Pres.

L. M. Jones, Secy.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

Importers and Jobbers of
Florist Supplies

56 East Randolph Street
CHICAGO

Chicago's Largest Dealers
in Decorative Greens

THANKSGIVING PRICES

CHRYSANTHEMUMS.

White, pink and yellow \$8.00 to \$25.00 per 100
Pompons25 to .50 per bunch

AMERICAN BEAUTIES.

	Per Doz.
Specials	\$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
Short stems	1.00

RICHMOND, KILLARNEY, WHITE KILLARNEY AND MY MARYLAND ROSES.

	Per 100
Select	\$10.00
Fancy	8.00
Medium	6.00
Good Short	\$4.00 to 5.00

NEW ROSES.

MRS. AARON WARD, KILLARNEY BRILLIANT, SUNBURST, BULGARIA, OPHELIA AND MILADY.

	Per 100
Select	\$12.00 to \$25.00
Fancy	10.00 to 15.00
Medium	8.00 to 12.00
Good Short	4.00 to 6.00

CARNATIONS.

\$3.00 to \$5.00 per 100.

ORCHIDS.

Cattleyasper dozen \$6.00 to \$7.50

MISCELLANEOUS.

	Per 100
Easter lilies	\$10.00 to \$12.50
Valley	4.00 to 5.00
Violets, double .....	.75 to 1.50
Violets, single .....	.75 to 1.50
Sweet Peas	1.50 to 2.00

DECORATIVE.

	Per 100
Adiantum	\$0.75
Asparagus Strings	each \$0.50 to .60
Asparagus Bunches .....	.25 to .50
Sprenger Bunches .....	.25 to .50
Smilax	per doz. 1.50 to 2.50
Galax, green	per 1000 1.25
“ bronze	“ “ 1.50
Ferns	“ “ 1.75
Boxwood	per bunch .25
Wild Smilax	large case 5.00

YOU CANNOT

buy our quality of Flowers elsewhere at a lower price and YOU CANNOT buy our quality of service elsewhere AT ANY PRICE.

Very truly yours,

PERCY JONES.

VIOLETS.

Is it not true that a firm who makes a specialty of New York Violets can give you the best violets? There are no better violets than the ones we handle.

75c to \$1.50 per 100

BOXWOOD.

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

\$7.50 per 50 lb. Case

Chicago's Largest Dealers in Decorative Greens.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

J. A. Budlong and the Chicago Flower Growers' Association will move into their new quarters on the main floor of the LeMoyné building next Monday, November 15, when a cordial invitation is extended to everyone to visit them in their new home. Their new locations are much better than the old ones and the change no doubt will prove beneficial as far as sales are concerned. Budlong's new street number will be 184 North Wabash avenue and the Chicago Flower Growers' Association 182 North Wabash avenue.

The J. D. Thompson Carnation Co. will entertain quite a number of carnation growers at their greenhouses in Joliet, November 11, when the new scarlet carnation Aviator will be the principal attraction. A special train will leave the La Salle street depot at 11:45 a. m. via Rock Island and return about 5:30 p. m. in time to permit everyone to attend the banquet at the Auditorium Hotel the same evening at 8 o'clock.

Weiland & Risch extend a cordial invitation to all growers to visit their greenhouses in Evanston and inspect their new rose, Champ Weiland, which is attracting much attention and has been featured extensively in the daily papers in connection with the publicity that the Grand Floral Festival is receiving. Champ Weiland, the rose with the cherry hue, is being recognized by many as the money maker for 1916.

A. L. Vaughan & Co. report a great improvement in both their local and shipping trade this week, and Mr. Vaughan is of the opinion that the Grand Floral Festival is going to help the Thanksgiving trade a great deal. Inquiries in regard to stock for that day are numerous and while it appears that stock will be plentiful he advises placing orders early.

Chas. A. Simonson and his foreman, H. R. Coughenous, of McPherson, Kansas, are attending the Grand Floral Festival now being held in the Coliseum and will make a business trip to Hillsdale, Mich., before returning home. Mr. Simonson is a heavy buyer in this market, notwithstanding the fact that he has about 17,000 feet of glass of his own.

Louis Wittbold took quite a number of florists to Ottawa Monday, November 8, to show them the large, new house that the Garland Manufacturing Co., of Des Plaines, built recently for Davis & Steiner of that city. Mr. Wittbold is interested in the Garland company and is well pleased with the



SOMETHING NEW

RUSTIC ART BASKETS

Send for sample.
Special price, 50 cents each.

M. C. GUNTERBERG

WHOLESALE FLORIST

158 North Wabash Avenue, Chicago
L. D. Phone, Central 3067

showing that the firm has made during the past year.

Bassett & Washburn's new carnation, Belle Washburn, occupied a prominent place in the Sunday edition of the Chicago Herald in connection with the Grand Floral Festival write-up. This carnation is attracting much favorable attention and will be grown extensively by many of the leading growers next season.

Gus Pappas of Des Moines, Ia., has practically decided to make his headquarters in this city and will do the buying for the Alpha Floral Co.'s store here and also the one in Des Moines, Ia., and will be ably assisted at the local establishment by John Propps, who will have charge of the firm's many customers.

Ronsley, 106 South Dearborn street, reports trade as improving, with the sales running considerably ahead of last year, his first season in business. He and his able assistant, Victor Young, are kept busy at all times and their pretty window displays always attract much attention.

W. F. Duntemann, of Bensenville, is shipping some fine Bonnaffon chrysanthemums to A. L. Vaughan & Co. and Erne & Klingel. He is figuring on adding several new houses to his already large range and will let the contract for the material very shortly.

The officers and stockholders of A. T. Pyfer & Co. held a meeting at their store Thursday, November 4, when much important business was transacted. This firm is featuring some exceptionally well grown Wm. Turner chrysanthemums.

Thanksgiving Price List.

ROSES

Mrs. Chas. Russell—	Per 100
Good.....	\$ 6.00 \$ 8.00 \$10.00
Extra Fancy.	12.00 15.00 20.00
Ophelia.....	6.00 8.00 10.00
Sunburst.....	6.00 8.00 10.00

Killarney, White Killarney, Killarney Brilliant and Richmond—

Long.....	\$6.00 to \$8.00 per 100
Medium.....	5.00 per 100
Short.....	4.00 per 100

Specials billed accordingly.

CARNATIONS, good...\$3.00 to \$4.00
Special fancy..... 5.00

CHRYSANTHEMUMS

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.
Pompons, perb'ch, 25c, 35c, 50c ea.	
Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley, \$1.00-\$5.00 per 100	
Violets, double...50c to 1.00 per 100	
Ferns.....	2.50 per 1000
Asparagus.....bunch, 35c to 50c each	
Sprengeri.....bunch, 25c to 35c each	

Order here and get satisfaction

Guy French attended the November meeting of the Milwaukee Florists' Club, at Milwaukee, Wis., Thursday, November 4, when he invited all the members to attend the Grand Floral Festival, now being held in the Coliseum.

Zeck & Mann are having a good call for chrysanthemums which they are handling in quantity and which are a leader with them this week. Chieftain especially is selling well with them and cleans up nicely each day.

Fred Longren, one of Poehlmann Bros. Co.'s well known traveling men, returned from an out-of-town trip this week and is showing his many friends the sights at the Grand Floral Festival.

Fred Wolfram, who recently opened a store in Oak Park at 111 Wisconsin street, under the name of the Warrington Flower Shop, reports business as good, with the outlook very encouraging.

W. L. Sullivan, of the Woodlawn Floral Shop, 871 East Sixty-third street, is the proud father of a nine-pound baby girl which arrived at his home this week.

Pyfer & Olsem, of Wilmette, are building a new bulb house, 28x50 feet, which is nearly completed, under the able direction of H. E. Philpott of Winnipeg.

It is rumored that Wendland & Keimel will build a large addition to their range at Elmhurst in the near future.

H. M. Berner, formerly with the John C. Moninger Co., is now with the American Greenhouse Manufacturing Co.

' MUMS

Largest Crops in the West and Just Right For Thanksgiving

Orders now being booked. Get yours in early. All the leading varieties in large quantities. Per doz.: Fancy, \$3.00; Good, \$1.50 to \$2.00; Small, per 100, \$8 to \$10.

Also a large supply of choice Pompons at 35c to 50c per bunch.

BEAUTIES

White and Pink Killarney - Richmond - Sunburst - Killarney Brilliant - Ophelia
IN GOOD SUPPLY. QUALITY A1.

We Have All the Standard and Best New

CARNATIONS

And Can Supply the Best Grade in Quantity

We can fill your order better than any other house in this market and stand ready to prove it. Order Here.

Thanksgiving Price List--

Subject to change without notice.

BEAUTIES.

	Per doz.
Extra select.....	\$5.00
36-inch stem.....	4.00
30-inch stem.....	3.50
24-inch stem.....	2.50
20-inch stem.....	2.00
15-inch stem.....	1.50

ROSES.

	Per 100
Killarney.....	} Select.....\$8.00 Fancy.....6.00 Medium.....4.00 Short.....3.00
White Killarney...	
Sunburst.....	
Richmond.....	
Killarney Brilliant	
Ophelia.....	

ROSES, our selection, \$4.00 per 100.

CARNATIONS.

	Per 100
Select.....	\$5.00
Fancy.....	4.00
Medium.....	3.00
Short.....	2.00

CHRYSANTHEMUMS (all colors).

Fancy.....per doz.,	\$3.00
Good....." "	\$1.50 to 2.00
Small.....per 100,	8.00 to 10.00
Pompons.....per bunch,	35c to 50c

MISCELLANEOUS.

	Per 100
Valley.....	\$ 5.00
Lilies.....	12.50
Ferns.....per 1000,	\$2.50
Asparagus Sprengeri.....per bunch,	50c
Asparagus Plumosus.....per bunch,	50c
All Other Green Goods at Market Rates.	

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone, Randolph 2081

CHICAGO

HEAVY SUPPLY

'Mums-Roses-Beauties

CARNATIONS-POMPONS-GARDENIAS-SWEET PEAS
VIOLETS-LILIES-ORCHIDS-VALLEY and All Kinds of GREENS

FOR THANKSGIVING

Never before have we had such a tremendous supply of stock to offer for Thanksgiving as we have for this year in all lines and of the best quality. We can fill your order better than anyone else at the prices quoted below and would be pleased to have you favor us with a share of your business.

THANKSGIVING PRICE LIST

Roses		Per 100	American Beauties		Per doz.			Per 100
Richmonds	.....	\$4.00 to \$10.00	Extra Special	.....	\$5.00	Stevia	.....	1.50
Killarney, white, pink.	.....	4.00 to 10.00	48-inch	.....	4.00	Sweet Peas	.....	.75 to 1.50
Killarney Brilliant	.....	4.00 to 10.00	36 to 40-inch	.....	3.50	Easter Lilies	.....	10.00 to 12.50
Sunburst	.....	4.00 to 10.00	24 to 30-inch	.....	3.00	Valley	.....	4.00
Ward	.....	4.00 to 10.00	18 to 20-inch	.....	2.50	Adiantum	.....	.75 to 1.00
Bulgaria	.....	4.00 to 10.00	12 to 15-inch	.....	\$1.50 to 2.00	Asparagus Strings	ea.	.60 to .75
Ophelia	.....	4.00 to 10.00				Asparagus Bchs.	ea.	.25 to .50
Milady	.....	4.00 to 10.00	Chrysanthemums			Sprenger Bchs.	ea.	.25 to .50
Russell	.....	6.00 to 20.00	Mums	..... per doz.	\$1.50 to \$3.00	Smilax	per doz.	1.50 to 2.00
Roses, our selection	.....	3.00 to 4.00	" Ex. fancy	per doz.	4.00	Galax, green	per 1,000	1.00
			Pompons	per beh.	.35 to .50	" bronze	per 1,000	1.00
Carnations			Miscellaneous.			Ferns	per 1,000	2.00
Carnations, common	.....	2.00 to 3.00	Orchids	..... per doz.	\$7.50 to \$9.00	Boxwood	..... 50 lb. cases	7.50
" fancy	.....	4.00	Violets	.....	Per 100 \$.50 to \$ 1.00	Boxwood	..... per bunch	.25
			Paper Whites	.....	3.00	Wild Smilax	..... large cases	5.00
Carnations, fancy, our selection	.....	\$25.00						

JOHN KRUCHTEN CO.

WHOLESALE FLORISTS

162 North Wabash Avenue,

L. D. PHONE, CENTRAL 6269

CHICAGO, ILL.

One of the local wholesale florists has the following posted up in a prominent place: "It is rumored that a certain young society lady of this city kneads bread with gloves on. This incident may be peculiar, but there are others. We need bread with our shoes on and we need bread with our shirt on. We also need bread with our pants on and unless we can get in a few of our outstanding accounts on our books we will soon need bread without a d— thing on, and this city will be a Garden of Eden if collections do not improve very shortly. You can do much to prevent this."

Poehlmann Bros. Co. have just received word from George Rye, "Some Florist," of Ft. Smith, Ark., that they won first prize in chrysanthemums and first prize in roses over 14 entries and the sweepstake prize, a handsome silver loving cup, at the Ft. Smith show held last week and of which Mr. Rye was manager. Otto W. Frese says that trade at Poehlmann Bros. Co.'s establishment has shown a great improvement this week and that the demand is steadily increasing. This firm cut its last lot of pompons November 15, which is two weeks earlier than last year.

The Atlas Floral Co. featured the silver scroll in its window display all last week that Miller & Musser donated as a prize to the Grand Floral Festival and which will be awarded to the one arranging the best vase of Major Bonnaffon chrysanthemum in class 148. The prize attracted much attention and at times the crowd in front of the window was so large that the police had to clear the way so the people could pass by.

The shield that Kennicott Bros. Co. gave as a prize for the Grand Floral Festival for the most originality shown in the use of flowers for personal

adornment, novelty to predominate, is a dandy and one that many a retail florist would like to win. The contest was particularly interesting, for the flowers were worn on live models and the contest attracted much attention at the show.

Wietor Bros. are cutting a raft of chrysanthemums and pompons, which include all the best standard as well as the newer varieties that are now in season. Business has been very good at this house all this week, and arrangements are now being made to handle the Thanksgiving business which promises to be as good if not a great deal better than last year.

The John Kruchten Co. is featuring a fine grade of Mrs. Chas. Russell and Ophelia roses in addition to their regular line and expect to have a large supply for their Thanksgiving trade. The wholesale plant department is gradually progressing under the able direction of Miss Greeley and new customers are being secured each week.

Percy Jones is handling a large supply of chrysanthemums, with Major Bonnaffon the principal offering, and reports a brisk demand for same. Green goods of all kinds, including a fancy grade of boxwood, are being handled in quantity and many orders for same are now being booked for the holidays.

A. I. Simmons had a large decoration for the Deutsch wedding this week, when the home at 4936 Ellis avenue, was handsomely decorated with yellow chrysanthemums. He also had the order for the bridal bouquets and handled the order in fine shape.

Miller & Musser had a fine vase of the new pink rose, Mrs. Sarah Yeats, on display at their store last week which came from the Yeats greenhouses at Champaign and will be

placed on the market for the first time next season.

John N. Bommersbach, of Decatur, and wife, who was formerly Miss Amalia M. Farney, are spending their honeymoon in this city and are one of the happiest couples that attended the Grand Floral Festival in the Coliseum this week.

Peter Reinberg is cutting a fine grade of Mrs. Chas. Russell and Ophelia roses and will be in good crop for Thanksgiving in all lines, according to Felix Reichling, who says that the outlook never was more promising.

Chas. Erne, of Erne & Klingel, is looking forward to a brisk Thanksgiving trade and will have a large supply of stock, especially chrysanthemums, to supply his customers with on this occasion.

Manusos Bros.' large candy and florist store at State and Van Buren streets is in the hands of the receiver. The proprietors are Nick Kronis, John Contos and Peter Kronis.

At Hoerber Bros.' store stock is arriving in splendid condition, especially the Killarney roses, which are perfect as far as stem, color and foliage is concerned.

C. O. Wilcox, of the W. W. Barnard Co., arrived in the city in time to take in the opening of the Grand Floral Festival at the Coliseum.

O. A. Tonner is showing a fancy grade of snapdragons and pompons in addition to a nice grade of chrysanthemums.

M. C. Gunterberg is showing a new rustic art basket, which is something entirely new and is in good demand.

John Muno is receiving treatment for sciatic rheumatism at the Alexian Bros. hospital.

The street cars are advertising the Garfield park chrysanthemum show.

FANCY 'MUMS

Z M
E & A
C N
H N

Large Quantities for Thanksgiving
White-Pink-Yellow.

Also good supply of POMPONS

CARNATIONS

**Beauties-Roses-Violets
Lilies-Valley-Greens-Etc.**

We will have the largest supply of Cut Flowers that we have had for years this Thanksgiving, so order now and get the best that the Great Central Market affords.

30 E. Randolph St.,

Long Distance Phones { Central 3283
Central 3284
Automatic 42-965

Chicago

THE HOUSE OF KENNICOTT

(still standing, but not standing still)

Over thirty years ago the name of Kennicott meant "Chicago" to flower buyers. Today Kennicott still stands for Chicago, in the mind of the man that insists upon Quality, not only in Cut Flowers, but Supplies, Wire Designs and Decorative Greens.

Look over the pages of this issue, you will find many price lists, but all practically the same. We alone sell Kennicott's Quality Cuts, but we too meet the market price.

Established 1883

Incorporated 1892

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

163-5 North Wabash Avenue,

Chicago, Illinois.

BIG SUPPLY

CHRYSANTHEMUMS

FOR THANKSGIVING

Finest Lot of Bonnaffons Ever Offered In This Market. None Better Obtainable Elsewhere

ROSES--CARNATIONS--POMPONS

And all other seasonable stock in large supply. Plenty for everyone so place your order here

MILLER & MUSSER

WHOLESALE FLORISTS

179-181-183 North Wabash Avenue

CHICAGO, ILL.

A baby gladdened the home of A. A. Baldwin Tuesday, November 9.
Visitors: Mrs. Tearney, with the Bills Floral Co., Davenport, Ia.

Chicago Florists' Club.

There was a large attendance of members at the last regular meeting of the club, held at the Hotel Morrison, November 4, between 70 and 80 being present and much enthusiasm was shown in the coming flower show. President Keimel occupied the chair and Allie Zech officiated as secretary, Guy W. French, the regular incumbent being absent on flower show work. Nineteen new members were elected as follows: John Risch, 154 North Wabash avenue; Lewis J. Burt, 901 North State street; Chas. S. McCauley, Geneva; A. E. Turner, Mosinee, Wis.; J. Champ Wieland, 154 North Wabash avenue; C. H. Schleiter, 3100 South Spaulding avenue; Albert F. Amling, Maywood; John J. Ziska, 707 Independence boulevard; Joseph Ziska, Jr., 1213 South Sixty-first avenue, Cicero; Harry M. Berner, 1503 Masonic Temple building; C. Brown, Western Springs; Ralph Claussen, Western Springs; Joseph Schoos, Evanston; Clarence Ellsworth, 3550 Michigan avenue; E. R. Armstrong, 739 Buckingham place; F. J. Littleford, Downers Grove; C. B. LeMer, 3056 Ogden avenue, and Peter N. Hoefelder, 3720 Ward street.

A. Henderson, Aug. Poehlmann, P. J. Foley, Robt. Brenton and others spoke of the flower show, urging the co-operation of all members. It was suggested that everyone wear the badge of the club with some suitable flower during show week. Wm. G. Tricker, of Vaughan's Greenhouses, promised to supply pompon chrysanthemums for this purpose. Geo. Wienhoeber requested permission to present a corsage bouquet to Mrs. Thompson, wife of the mayor, at the opening of the exhibition, Tuesday afternoon, and August Lange made a similar request in favor of Miss Mona Dunne, daughter of Gov. Dunne, both requests being granted with hearty approval.

The nominations of officers for 1916 resulted as follows: For president, Wm. H. Amling and Alex. Henderson; vice-president, Wm. G. Tricker; treasurer, Paul Klingsporn; secretary, Guy W. French; trustee H. N. Bruns.

Wieland & Risch exhibited nice vases of Mrs. Morfield Storey and Chas

Wieland roses; Vaughan's Greenhouses, Western Springs, contributed a number of handsome vases of pompon chrysanthemums.

Chairman Fink, of the picnic committee, presented his final report, showing an additional profit of \$5.

Milwaukee, Wis.

BUSINESS IS GENERALLY SATISFACTORY.

The ideal weather of the past week, with its bright, warm days and cool nights, has brought stock along in a hurry, but the quality is very fine. Conditions are such that the supply at times exceeded the demand, but as a whole everything is quite satisfactory all around. The warm weather, though, is hastening the chrysanthemums along a bit too fast, and at this rate the supply for Thanksgiving will not be as plentiful as desirable. The weather for the past week was by far more pleasant than some we experienced during the month of May last.

CLUB MEETING.

The club meeting held November 4 was by far the best experienced in a long while. After the routine work was dispensed with we listened to a simple, yet deep and instructive talk on the "Garden City," by our honorary member, C. B. Whitnall. The opening words consisted in explaining what a "garden city" was, and was followed by a very clear explanation of "why flowers and vegetation in general were a necessity and not a luxury." In explaining the latter, Mr. Whitnall read statistics showing how in Germany and England, after observations extending over a period of eight years, vegetation in its various forms decreased the death rate and increased the size and general intellect of children ranging in age from 10 to 14 years. Also in what way it broadened the minds of persons who, after confinement in a factory all day, spent a little time in their garden, thus training their mind in another field and incidentally being benefited by the wholesome surroundings, etc. It was quite a treat and we hope to be favored with another such talk in the near future. E. H. Knief was voted in as a new member, while Archie McDonald's name was proposed to join our ranks in December.

Guy French attended the meeting of the Milwaukee Florists' club November 4, his object being to arouse enough interest among the local boys

to have them stage a group of flowers for effect and non-competition at the Chicago Grand Floral Festival to represent Wisconsin grown products. Owing to the fact that this matter came up at the eleventh hour, those present felt that the time was too short to put up a display which would really be a credit to our state.

The next two largest social events of interest to florists will be the Charity ball December 2, to be followed by the horse show on December 8. Both will be held in the Auditorium and as the patrons belong to the "400," many flowers in one form or another will be called for.

The finishing touches are being put on the new store to be occupied by Lubliner, at 225 Grand avenue. This firm was forced to vacate its Plankington Hotel stand, owing to the destruction of this old hostelry to make room for a more modern structure.

At the Baumgarten Floral Co.'s Mason street store, business must have been very fine of late for they took out the partition to the east, thus making one large store out of two and increasing their facilities for the coming rush.

Gust Rusch, of G. Rusch & Co., was confined to his bed with a severe cold November 5-6, but is trying to get into shape in a hurry so he can at least visit with the Chicago boys during the floral festival.

The Holton & Hunkel Co. has such fine cut roses and chrysanthemums that they have entered them at the Chicago and Cleveland flower shows.

A. Reinhardt, of North Milwaukee, has been cutting some especially fine yellow Bonnaffon chrysanthemums all last week.

At the C. C. Pollworth Co. they are busy as bees handling their cut greenhouse crops plus filling bulb orders.

H. L. Von Trott will vacate his store at 717 Grand avenue in the near future. E. O.

ATTICA, N. Y.—Four houses, each 28 by 100 feet, will be built by A. J. Pauly during the coming spring.

MONTREAL, QUE.—McKenna's, Ltd., will open a flower shop on St. John street, Quebec, with H. W. McKenna in charge.

HUNTSVILLE, ALA.—John Scott, prominent florist, who disappeared from this city several weeks ago, following a long illness, has returned to his home.

Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.

Send for complete list and prices.

Booking orders for delivery now or later.

\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

GOOD STOCK ARRIVES IN LARGE QUANTITIES.

Supply is rampant, while demand is as docile as a lamb. There is an unusual quantity of good stock in all lines coming in daily, while that of the day before and previous shipments stands clogging up the way. Such a condition has, of course, an unfavorable effect on prices and they are perceptibly lower all along the line. As the season advances there continues to be improvement in almost everything. Carnations are seen with longer stems, also snapdragons. Violets are fast getting into winter form, both single and double, the stock of the latter from up the Hudson is very fine and deserves a better price. Special grade roses in all varieties are without fault—to carry only a vase of all the sorts fills quite a large case. Killarney, which so short a time ago dominated the market, is now but one of a number equally good which are bidding for public favor. Cattleyas are scarcer and sell well at top prices. Cypripediums are in and welcome, Easter lilies are draggy; they do not appear to like competition. And the chrysanthemums—they are having their inning with a vengeance. Bonaffon is in to stay until Thanksgiving. Stroud's Stafford, a fiery orange yellow, is a good seller. Not a huge flower, but of splendid form, it should be in every grower's collection. During the quiet periods the wholesale houses do double duty with the phones calling up likely customers in the hope of making sales.

NOTES.

The essay committee of the club are distinctly on the job and subjects for December and January have been announced. At the November meeting they also reported essays and exhibitions for February, March and April. For February R. P. Brown, of Cottage Gardens, Queens, N. Y., will review the newer carnations. There will also be an exhibition of all the novelties the committee can get together, and they will give every prominent grower an appeal for his best. W. H. Earle, of W. Atlee Burpee & Co., Philadelphia, will at the March meeting tell us all about winter forcing Spencer sweet peas, which will be a great treat from the man next to the "sweet pea king" himself. A great display of all the new sorts is also promised. For April the committee have secured Stephen Mortenson to lead in a symposium on the new roses. S. S. Pennock will offer a prize for the best collection, 12 of a kind to a vase. With all these good things in prospect the club can surely be said to be forging ahead. The H. F. Michell Co. have offered a prize for the member who shall bring the most applications for membership during the next three months. Mr. Copperthwaite wanted to see the club's roster mount to over 500; it now contains something over 250 names. He thought the enthusiastic meetings now being held and the work for the coming great exhibition should make it easy to get this number. Secretary Rust of the Pennsylvania Horticultural Society has sent out a neat card folder with list of lectures, nearly all illustrated, to be delivered before the society in the next six months. For November 16, Dr. Robt.

Wholesale Flower Markets

BOSTON, Nov. 10.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@5 00	
" Double White Killarney.....	1 00@6 00	
" Killarney Brilliant.....	2 00@8 00	
" Hadley.....	2 00@10 00	
" Cardinal.....	2 00@12 00	
" Mock.....	2 00@8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@8 00	
" Taft.....	2 00@8 00	
" Milady.....	2 00@8 00	
" Ward and Hillingdon.....	2 00@6 00	
" My Maryland.....	50@5 00	
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@4 00	
Sweet Peas.....	50@1 00	
Carnations.....	50@1 00	
select.....	1 50@3 00	

BUFFALO, Nov. 10.		Per 100
Roses, Beauty, special.....	30 00@35 00	
" fancy.....	20 00@25 00	
" extra.....	12 00@15 00	
" No. 1.....	8 00@12 00	
" No 2.....	3 00@5 00	
" Killarney.....	3 00@7 00	
" White Killarney.....	3 00@7 00	
" My Maryland.....	3 00@7 00	
" Killarney Queen.....	4 00@7 00	
" Richmond.....	3 00@8 00	
" Sunburst.....	3 00@8 00	
" Ward.....	3 00@6 00	
" Taft.....	3 00@6 00	
" Ophelia.....	4 00@12 00	
" Mock.....	3 00@6 00	
" Fraocis Scott Key.....	4 00@10 00	
" Sawyer.....	3 00@8 00	
" Russell.....	8 00@12 00	
" Hadley.....	8 00@12 00	
" Bon Silene.....	2 00@3 00	
Lily of the Valley.....	4 00	
Lilica.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	2 00@3 00	
Chrysanthemums.....	5 00@25 00	
Snapdragons.....	1 00@2 00	
Violets.....	60@75	
Aparagus Sprengeri.....	35@50	
Ferna.....	per 1000, 2 50	
Smilax.....	15 00	

CINCINNATI, Nov. 10.		Per 100
Roses, Beauty.....per doz.	\$0 75@3 00	
" Killarney.....	3 00@6 00	
" My Maryland.....	3 00@6 00	
" Richmond.....	3 00@6 00	
" Taft.....	3 00@6 00	
Lily of the Valley.....	4 00@5 00	
Lilium Giganteum.....	6 00@10 00	
Aparagus Plumosus.....per hcb.	25c	
Orchids.....per doz.	\$7.50	
Chrysanthemums.....	6 00@20 00	
Carnations.....	2 00@3 00	
Rubrum Lilies.....	3 00@6 00	

Huey will tell of roses for the outdoor garden. There will be no December lecture. January 18, "Plant Hunting in China and Japan" will be the subject of Dr. E. H. Wilson of Arnold Arboretum, Boston, Mass. J. Otto Thilow will lecture on "Flowers from Snow to Snow," February 15. February 23-24 will be Farmers' Institute. "The Floral Procession of the Floral Garden," by E. Hemming, will be the topic for March 21, and on April 18, "The Iris," will be the subject of Bertrand H. Farr. All the lectures to be followed by discussions.

Huge exhibition chrysanthemum blooms and pompons in quantity are the leaders with the Leo Niessen Co. A great variety of roses are splendid stock. Gardenias are also in daily.

The Robt. Craig Co. shipped a car load of their choicest foliage plants and ferns to the Cleveland show, No-

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

Chrysanthemums in variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATLEYAS, CARNATIONS and LILIES.

One block from express depot.

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**Philadelphia Wholesale
Florists' Exchange
ORCHIDS, GARDENIAS**

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists

1625 Ranstead St., Philadelphia, Pa.

November 6, the cyclamen following November 5. Superb stock it was.

Edward Reid's Ranstead street establishment is crowded with good stock these days. His Pierson chrysanthemums are splendid stock.

Gardenias and cattleyas were among the choice things offered by the Philadelphia Wholesale Florists' Exchange the past week.

Berger Brothers' market is aglow with fancy chrysanthemums and pompons. Special lily of the valley is also a feature.

Fancy cattleyas are headliners with the Jos. Heacock Co. Very heavy shipments of palms were sent out last week.

The M. Rice Co. will be strongly represented at the Cleveland show with a display of their newest ideas.

K.

LET US GIVE THANKS

- ☞ We take this appropriate opportunity to return thanks to the **Growers** who have entrusted us with the sale of their stock.
- ☞ We return thanks to the **Retailers** who have given us liberal patronage.
- ☞ We return thanks to our **Competitors** for their uniform courtesy and consideration, and we will add, in the language of Tiny Tim:

"GOD BLESS US EVERY ONE."

RIEDEL & MEYER, Inc., Wholesale Florists
49 West 28th Street, NEW YORK

New York.

SUPPLY OVERSHADOWS DEMAND.

Business is rather quiet, with an increasing supply of chrysanthemums, roses, carnations and violets, and the demand is not strong enough to clean them up. Roses, excepting American Beauties, seem to be the slowest. The supply of chrysanthemums is very heavy and they are now an overshadowing feature in the wholesale and retail stores as well as in the exhibitions. Very fine stock is now on the market, among the noteworthy yellows being Col. Appleton. A bronze or dark red named Glen View is now on the market. It is a very fine flower and the asking price by the wholesalers who have it, is \$8 and \$9 per dozen, but that is one of the few exceptions. Plenty of good stock, good enough for the average buyer, can be bought for from \$2 to \$4, wholesale. The pompons and singles are features to be reckoned with, and cut in heavily on carnations and the cheaper grades of roses. The horse show opened at Madison Square Garden on November 6. Times were when the horse show was looked upon by the florists as a big event in their favor, but at this writing it has created no noticeable demand for flowers.

November 8.—The market continues very quiet, with an increasing supply and no corresponding demand to meet it. As we have previously reminded our readers, our market quotations, in another column, are only for fresh stock. It is impossible to give prices on left-over stock because it is sold at all kinds of prices.

NOTES.

E. J. Hession, Madison avenue and 76th street, is now finely located in his conservatory store, which, during the past summer was rebuilt and greatly enlarged. The store is of the curvilinear type of construction and is very artistic. Two greenhouses, 100 feet long, are in the rear of the main store. One will be used exclusively for flowering, the other for foliage plants. In the rear of the main store, facing the entrance, there is a balcony where flowering stock can be effectively shown. The plate glass front of the store, when filled with flowers, makes a fine picture. Everything in the interior furnishings is in the most modern style. There is a roomy, concrete basement for a work room and storage. Mr. Hession has literally grown up with the florist business and is to be congratulated for his success and enterprise. However, there is no mystery about it; he knows his business and treats customers and everybody else with consideration and fair dealing. He has just purchased a fine new delivery car. It may be unnecessary to add that he handles the finest of stock

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of
its Best Growers

and his store is noted for its excellent design and decorative work.

Relating to the flower shows: we must acknowledge to the exhibitors, that in the matter of labeling their exhibits properly, they are doing much better than formerly, and we hope they will go on with the good work. There are now so many roses and carnations of a similar color and shade that, especially under the electric light, it sometimes puzzles even an expert to distinguish between some of them. Again, these shows are held to catch the public eye, and although the entire public was not born in Missouri, it likes to be shown. A few words to the compilers of schedules. A Boston man once said that the man who would write "any other color" into a schedule should get about six months. We think that would be a little severe and would favor its reduction to thirty days. If any new color is brought out, get a name for it.

One of our esteemed contemporaries has taken seriously, and written an editorial, about a difference of opinion between the wholesalers and retailers of this city. It is ours to laugh. These outbreaks are periodical. They remind us of mumps, measles and chicken-pox with children; painful while they last, but seldom or never causing fatal results. It is a sane and reasonable proposition that neither the retailers nor wholesalers of this city can do business, one without the other, and, the sooner they quit "chewing the rag" and get together, the better it will be for the growers, the public and all concerned.

Brooklyn covers so much ground and has so many florists that it takes some time to get around to all of them. On Nostrand avenue, we have recently vis-

ited a number of good retail stores. N. Scofes, 501 Nostrand avenue, near Fulton street, has a fine store and is making attractive window displays with chrysanthemums of excellent quality, and cibotium ferns. T. Kotsias, his clever buyer, is well known and popular in the wholesale district of Manhattan.

Wadley & Smythe decorated Madison Square Garden for the horse show. As it is a large place, an immense amount of laurel and southern smilax was used. The fronts of the balconies were profusely festooned with that quality of green and artificial poinsettias were also much in evidence. On the ground floor, tubs of bay and box trees, arbor vitae and pots of flowering chrysanthemums were noticed.

In a recent trip through Pennsylvania, one of our advertisers saw at the rose range of Edward Towill, Roslyn, Pa., a number of seedling roses, which were being grown in choice sections throughout the range. There were a dozen or more of them, all very promising, some of which will soon be placed on the market.

Richard Vincent, Jr., of Whitmarsh, Md., who was in this city the past week attending the shows, lectured before the Ladies' Garden Club at Rosebank, Staten Island, November 5, on "Hardy Chrysanthemums and Dahlias." He also presided at a meeting of the American Dahlia Society, November 6.

Callas Brothers have a fine store at 656 Nostrand avenue, corner of Bergen street, Brooklyn. They handle good stock and are making noteworthy displays with chrysanthemums. They have a brother who is a florist at Kansas City, Mo.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3664 Madison Square

BADGLEY & BISHOP, Inc.
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FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.
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 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

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 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
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WHOLESALE FLORIST
107 W. 28th St., New York
 Telephone, Madison Sq. 5336

Wholesale Flower Markets

NEW YORK, Nov. 10. Per 100

Roses, Beauty, special.....	25 00@30 00
" " extra and fancy.....	15 00@20 00
" " No. 1 and No. 2....	8 00@10 00
" Prima Donna, special.....	20 00
" Alice Stanley.....	1 00@ 8 00
" Prince d'Arenberg, special.....	6 00
" Francis Scott Key, special.....	8 00
" Mrs. Geo. Shwyer.....	1 00@ 6 00
" White Killarney, special....	6 00
" Killarney, My Maryland....	
" " special.....	4 00@ 5 00
" " No. 1 and No. 2....	50@ 2 00
" " Queen.....	50@ 8 00
" " Brilliant.....	50@ 8 00
" Aaron Ward.....	50@ 8 00
" Richmond.....	50@ 8 00
" Sunburat.....	50@ 8 00
" Taft.....	50@ 8 00
" Milady.....	50@ 8 00
" J. L. Mock.....	1 00@ 8 00
" Hadley.....	2 00@10 00
" Ophelia.....	50@ 8 00
" Mrs. Chas. Russell.....	1 00@12 00
" Hoosier Beauty.....	1 00@ 8 00
Cattleya Orchida, special.....	35 00@40 00
" inferior gradea.....	20 00@30 00
Lilies, Longiflorum and Harriail..	5 00
Lily of the Valley.....	2 00@ 4 00
Carnations.....	1 00@ 2 00
Bouvardias.....	1 50@ 2 00
Adiantum Croweanum and Hybridum.....	1 00
Asparagus Plumcans...doz. bcha.	1 00@ 1 50
Smilax.....doz. strings.	75
Chrysanthemums.....per doz..	1 50@ 4 00
Gardenias.....per doz.,	2 50@ 3 00
Violets, single.....	20@ 50
" double.....	15@ 35
Sweet Peas, orchid flowered.....	1 00

United Cut Flower Co., Inc.
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111 W. 28th St., New York City
NOW IS THE TIME
 To Ship Your Consignments
PERCY W. RICHTERS, Manager.
 Mention the American Florist when writing

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.
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Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
 Orchids, Roses, Carnations and all the other best products of the leading growers.
 Consignments solicited.

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WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
 Mention the American Florist when writing

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 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
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FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Madison Square 1519-5893
119 West 28th Street NEW YORK
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WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
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M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.
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FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

20x 4x3, Teles. Cov.	Per 100	\$1 60
24x 4x3		1 90
18x 5x3		1 60
21x 5x3		1 90
24x 5x3 1/2, 2-in., Cov.		2 25
30x 5x3 1/2		2 50
21x 8x4		2 65
24x 8x4		2 90
28x 8x4		3 25
28x 8x5		3 75
36x 8x5, Teles. Cov.		5 25
40x 8x5		6 75
30x10x5		5 25
36x10x5		6 75
30x12x6, Telescope.		7 50
36x12x6, Telescope.		9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

Mention the American Florist when writing

At the retail store of David Clarke's Sons we have recently noted a very fine display of palms, ferns, crotons and other foliage plants. In their show windows are handsome decorations of orchids, chrysanthemums and roses.

A. E. Booth, formerly with B. S. Slinn, the wholesaler of the Coogan building, after being absent for two years, during which he visited Cuba and other southern points, has again taken a position with Mr. Slinn.

At Wipperman's House of Flowers, Brooklyn, we have noticed excellent features. Chrysanthemums and foliage plants such as crotons, Dracaena terminalis and Pandanus Veitchii are being used with good effect.

John J. Coan, manager of the Growers' Cut Flower Co., is receiving fine stock in chrysanthemums and carnations. John is one of the busiest men in the wholesale district.

There were many floral designs at the funeral of Herman Ridder, late editor of the Staats-Zeitung, which was held at the Church of the Blessed Sacrament, November 4.

At Malandre Brothers' main store, Broadway and 72d street, there is a very fine window decoration, a landscape scene, flanked by a great display of flowering stock.

Over 85,000 persons visited the flower show in the American Museum of Natural History Sunday, November 7. The attendance on November 6 was about 65,000.

George J. Polykranas, the wholesaler of 104 West 28th street, has just installed a fine new safe in his store, which looks like business.

W. G. Badgley of the wholesale firm of Badgley & Bishop, Inc., who has been ill, has so far recovered as to be able to resume business.

Trees and plants to the value of \$12,186 were included in the imports received at this port for the week ending October 30.

The Kervan Company furnished 100 cases of southern smilax for the decoration of Madison Square Garden for the horse show.

Henry Weston of Hempstead is sending to the Growers' Cut Flower Co. very fine stock of the pink chrysanthemum Balfour.

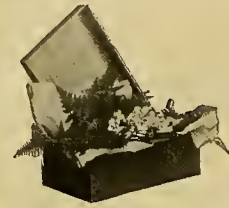
The steamers Drunswijk, Fridland, Midland, Mijdrecht and Vitalia, all from Rotterdam, were due at this port, November 8.

Frank Traendly, who was confined to his home for a week with a severe attack of la grippe, is now recovering.

Henry Baylis of the New York Cut Flower Co., who has been ill for two weeks, is reported to be improving.

S. Stone, 359 Jay street, Brooklyn, is a wholesaler and a very active one, who is constantly on the job.

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D BOXES can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

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161 Water Street, SANDUSKY, OHIO



FERNS, GREEN GALAX and LEUCOTHOE

Direct from the woods to the dealer. **NEW CROP NOW READY.**
Dagger and Fancy Ferns...80c per 1000; case of 5,000, \$3.50
Green Galax50c per 1000; case of 10,000, 4.00
Green Leucothoe (long).....per 1000, 2.00
Green Leucothoe (short).....per 1000, 1.00
Rhododendroo Leaves.....per 1000, .50



ELK GALAX & FERN CO.,
TERMS CASH. **BANNERS ELK, N. C.** Goods Guaranteed.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing

Charles Matthews, of E. C. Horan's staff, has returned from Sullivan county improved in health.

The bowling team of the New York Florists' Club held their opening meeting for the season, on the evening of November 4. All the officers were re-elected: John Miesem, president; H. C. Riedel, secretary; Peter Jacobson, treasurer; Joseph Fenrich, captain. Other members are: Wm. H. Siebrecht, Sr., William P. Ford, Chas. W. Scott, A. Kakuda, Roman J. Irwin, and Alex. J. Guttman. After the business meeting there was bowling at Thumm's alleys. The scores follow:

J. Miesem	178	155	160
J. Fenrich	140	147	147
C. W. Scott	148	154	144
H. C. Riedel	...	...	181
P. Jacobson	140	157	145
A. Kakuda	160	145	150
W. P. Ford	137	134	159
A. J. Guttman	...	131	156

A. F. F.

HANOVER, PA.—Frank Cremer has reopened his Baltimore street branch store.

TRENTON, N. J.—E. H. Frenking will erect a greenhouse to cost \$1,000, on Ingham avenue.

MURRAY HILL, N. J.—L. B. Coddington will add two rose houses to his range next spring.

OTTAWA, ONT.—Charles Craig is now located in his capacious new store at Sparks and Metcalfe streets.

AUBURN, MASS.—Damage amounting to \$2,000, resulted from fire which destroyed the boilerhouse of A. S. Wolfe, October 15.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Fall Planting Thanksgiving
Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

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High Grade Floral Publicity.
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608 So. Dearborn St., Chicago, Ill.

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HOLLY WREATHS

W. G. Williams & Son

SELBYVILLE, DEL.

Send us your orders.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.
EVERGREEN, ALABAMA

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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FLORIST

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WHITTED FLORAL CO.,

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Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

148 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

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Wire and Mail Orders for hospitals given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

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For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



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NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

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NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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ALEXANDER MCGONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sta.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:

We are in the Heart of NEW YORK

And give special attention to steamer and theater

orders. Prompt delivery and best

stock in the market.
Members of Florists' Telegraph Delivery Ass'n.



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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

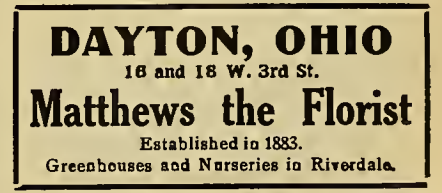
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St.
and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.
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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery
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Newark, N. J.

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946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

OF

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

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La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
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CAREFUL ATTENTION TO ALL ORDERS.

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Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists
Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Arcadia Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackstone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Rosa, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown, A. C., Springfield, Ill.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, S and 10 W. Adelaide St., Toronto.
Eyles, II N. Pearl St. Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Grimm & Gorly, St. Louis, Mo.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., P. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Mangel, Chicago.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metalrie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldochi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Rueter's, New London, Conn.
Rueter's, Norwich, Conn.
Rueter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Welland, M., Evanston, Ill.
Whitten Floral Co., Minneapolis, Minn.
Withfold, G. Co., 737 Rockingham Pl., Chicago.
Wolfkill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery
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LEADING FLORISTS OF THE NORTHWEST

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D. C.

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Samuel Murray,

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**The Park
J. A. VALENTINE, Floral Co.**

President

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**PAUL M. PALEZ
FLORIST**

All orders carefully filled and delivered to all parts
of the city, Arkansas and the Southwest.

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 Seattle's Leading Flower Shop
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 KEENAN BLDG.
 Largest Floral Establishment in America.
 Established 1874. Incorporated 1909.
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THE J. M. GASSER COMPANY,
CLEVELAND
 EUCLID AVENUE
 Members of The Florists' Telegraph Delivery.
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 14th and H. Street.

FREY & FREY,
 1338 O Street, LINCOLN, NEB.
 WHOLESALE AND RETAIL.
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Trade Directory
 Price \$3.00 Postpaid.
AMERICAN FLORIST CO.,
 440 S. Dearborn St., CHICAGO

Telephone 2656 Established 1880
M. WEILAND
 FLORIST
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J. J. LeBORIOUS
 Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyles, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Fraumenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Heintl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

New York. Established 1849
David Clarke's Sons
 2139-2141 Broadway, cor. 75th St.
 Orders By Telegraph Promptly Filled
 Phones, 1552-1553 Columbus
 Mention the American Florist when writing

San Francisco
Podesta & Baldocchi
 224-226 Grant Avenue
 Mail or telegraphic orders promptly and most carefully executed.
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Kansas City, Mo.

 Established over 20 Years.
 N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.
The Cleveland Cut Flower Co.
 Will fill your orders for designs and cut flowers in NORTHERN OHIO.
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St. Louis, Mo.
 Wire or Phone Your Orders to the HOUSE OF FLOWERS.
Ostertag Bros.
 The Largest Retail Supply House in the West
 Jefferson and Washington Ave.

Albany, N. Y.
EYLES,
 Flowers or Design Work.
 Delivered in Albany and vicinity on telegraphic order.
 11 NORTH PEARL STREET!
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Toronto, Can.
 Canada's best known and most reliable florist
Only the Best Dunlop's
 8 and 10 West Adelaide Street,
 We deliver anywhere in Canada and guarantee safe arrival.

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 INC.
NEW YORK 561 Fifth Ave.
BOSTON 1 Park Street
 799 Boylston Street
 Deliveries to Steamers and all Eastern Points.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
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Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City
Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160
Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Hehl)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
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DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

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**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

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Engel
The
Palmer House
Florist
17 E. MONROE ST.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

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GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention.

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

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LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

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**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

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Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS., 938 Broad St.

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Artistic Floral Work and Long Stem
Beauties Our Specialty.

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**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

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Orders Carefully Executed

Pikes Peak Floral Co.

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Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully cared for by

HENRY SMITH,

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Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

YOU SHOULD ORDER BOXWOODS NOW

—because here is a very live seller for this time of the year. To offer Boxwoods now is to give your patrons something that they want. It will also give you a reputation for progressiveness in following the latest tendencies, for Boxwoods are very popular.



THIS HANDSOME Newspaper cut free to Wittbold patrons who place an order for \$10.00 worth of Boxwoods.

We also have a complete newspaper ad on Boxwoods, a cut of which will be furnished free with each \$15.00 order for Boxwoods. For full details see page 773, American Florist of Oct. 30.

We offer the following choice, hardy, selected Boxwoods—

- Bushes, 10 to 12-inch.....\$0.25 each
- Bushes, strong 12-inch35 each
- Bushes, 15 inch..... .60 each
- Bushes, 18-inch..... 1.00 each
- Bushes, 24 inch..... 1.50 each
- Standard Globes, with short stems, 16 to 18-inch heads..... 4.00 each
- Standards, 12 to 18-inch stems, 15-inch crowns..... 2.00 each
- Pyramid Box, 24-inch..... 2.50 each
- Pyramid Box, 36-inch..... 3.00 each
- Square Block, 12x12 inch..... 1.50 each
- Square Block, 15x15 inch..... 2.00 each

It will pay you to make up your order and send it today

—AND CYCLAMEN AND HYDRANGEAS WILL BE WINNERS TOO



Cyclamen.

It is unnecessary to remind you of the popularity of Cyclamen as a Christmas plant—but the all important question is are you prepared to meet the demand that is so largely increasing with each holiday season.

It will surely pay you to be prepared—and to fortify yourself with an assortment of these **WITTBOLD QUALITY GROWN CYCLAMENS** is assurance of complete satisfaction on the part of your customers. In the best strains and varieties we offer the following:—

- 3-inch, mixed colors.....\$ 8.00 per 100; \$ 75.00 per 1000
- 3-inch, separate colors..... 9.00 per 100; 80.00 per 1000
- 4-inch, mixed colors..... 15.00 per 100; 140.00 per 1000
- 4-inch, separate colors..... 16.00 per 100; 150.00 per 1000
- 5-inch, separate colors.....30c each
- 6-inch, separate colors.....50c each



Hydrangea Hortensis.

TO meet the increasing demand for these favorite plants we have largely increased our stock this season. We offer for immediate shipment the well-known Otaksa and also an ornament of the best French varieties.

OTAKSA.

- 5-inch, 3 in a pot..... per dozen, \$3.60
- 5-inch, single plants.....30c each
- 6-inch40c each
- 7-inch50c each
- 8-inch60c each

FRENCH VARIETIES.

- 5-inch, 3 in a pot..... per doz., \$4.20.
- 5-in., single plants.25c ea. 7-in. single plants.50c ea.
- 6-in.. single plants.40c ea. 8-in. single plants.75c ea.
- 9-inch, single plants.....\$1.00 each.

THE GEO. WITTBOLD CO.
739 Buckingham Place, Long Distance Phone CHICAGO
 Graceland 1112

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

FANCY HOLLY is reported scarce in Delaware and Maryland.

DUTCH RAPE seed is reported ground into oil for domestic purposes.

VISITED CHICAGO: E. J. Deal, of W. W. Johnson & Son, Boston, Eng.

DUTCH SPINACH seed, grown on contract, will come forward, it is said.

CINCINNATI, O.—J. Chas. McCullough has left for Florida on his annual tarpon fishing trip.

THE tuberose crop is reported short by some growers, caladiums and canna a full crop.

OMAHA, NEB.—The capital stock of the Nebraska Seed Co. has been increased from \$50,000 to \$150,000.

PHILADELPHIA, PA.—The Stokes Seed Farms Co. has purchased the assets of the Johnson Seed Co., in bankruptcy.

THE state of Washington is said to have several districts well adapted to the growing of commercial garden peas.

A. H. GOODWIN, of the W. W. Barnard Co., Chicago, who has been at the Wesley hospital for treatment, is improving.

WATKINS & SIMPSON, London, Eng., have just issued an exhaustive list of novelties in flower and vegetable seeds for 1916.

CHICAGO.—Prices for grass seed on the Board of Trade, November 10, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

THE clover seed crop is set at two-thirds of an average one by the government report, field beans about 61 per cent.

EUGENE SCHAETTEL, representing Vilmorin-Andrieux & Co., of Paris, France, now expects to reach Chicago about November 20.

KANSAS CITY, Mo.—The Harnden Seed Co. will discontinue its cut flower store, but will continue to handle plants and bulbs.

SEED contracts of 1916 in countries at war for small acreages are made with difficulty, growers preferring to take their chances with cereals for food.

LINCOLN, NEB.—The Griswold Seed Co.'s creditors' committee is advising that the creditors accept stock for their claims, or 50 per cent on the dollar in cash.

THE weather has been very favorable for warehouse onion sets. The stock in warehouses, because of absolutely dry weather, is in much better condition than before.

THE Farmers' Mutual Seed Association, of Chicago, has been incorporated, with A. A. Berry, John F. Summers, A. F. Galloway and J. F. Sinn incorporators, capital \$60,000.

BINGHAMTON, N. Y.—E. W. Conklin & Son are reported to have made a good cleanup on a large part of 100 carloads of timothy seed bought on the Chicago market in the late summer at favorable prices.

BEANS SEIZED.—“Anthracnos” is charged against 250 bags of beans shipped to Chicago by Post Brothers, of Hammond, Ind., in a bill filed November 3. The shipment consisting of 41,250 pounds has been seized by the government.

A JAPANESE type of Dwarf Essex rape is being put on the United States market at a price approximating five cents per pound. This and the French form are both said to seed too quickly to be of equal value with the English and Dutch broad leaf type, the English selling at 12 cents per pound.

Asters suffered greatly from the maggots. The early varieties gave a middling crop while the late sorts are still in doubt. Stocks will be a short crop, especially the yellow kinds. Wallflowers, sweet peas, Viola cornuts and nasturtiums are poor. Pansies fair, myosotis good. Verbenas, lupines and bellis produced small crops. Begonia and cineraria are good, antirrhinum poor.

A Blow at Golden Bantam Corn.

McLean county is in the very heart of that great corn belt from which Illinois draws so much of her riches. Therefore, we are interested in McLean county corn. We read with interest the Bloomington Pantagraph's forecast of the Better Farmers' Association corn show at the Coliseum



VAUGHAN'S NEW ONION SET WAREHOUSE, MORTON GROVE, ILL., 60 x 208 FEET

German Seed Crops.

The growing of seed crops the past season has been regulated largely by import and export possibilities. For instance, peas, which are usually raised for export to France, England or the United States were grown in limited quantity. The same applies to radish and spinach as well as many flower seeds. On the other hand, lettuce and cucumber were grown in much larger quantity than heretofore. Bush and pole beans were harvested in small quantity, a large percentage of these crops being killed by the frosts of September 21 and 22. Summer savory and dill yielded middling crops, while that of chicory roots was small. Peas were poor in most cases and only middling in some, cucumber poor, chervil middling. Cabbage, kale, Brussels sprouts, kohlrabi and rutabaga averaged small crops. Short carrots produced little, while the long varieties did better. Parsnip, parsley and Hamburg parsley gave a middling yield. Spinach is almost a total failure, celery poor, onions fair, lettuce poor.

there. We learn that sample ears are desired of all varieties of that staple which city folks slightly call “horse” corn. These include such standard varieties as Reid's Yellow Dent, Funk's Yellow Dent, Funk's Ninety Day, Boone County White, Silver King, Bloody Butcher and Calico. But we are pained to see that the list of “sweet corn” includes merely Country Gentleman, Evergreen and Sweet Cory. Where, we would ask McLean county, is that most succulent and satisfying of all sweet corns, that gracious gift to mankind which is baptized “Golden Bantam corn”? Cannot the heart of the corn belt do something about this? Won't it remedy the omission? Will it acknowledge the corn?—Chicago Evening Post.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

Mammoth Auction Sales of Boxwoods, Rhododendrons, Rose Bushes, Bulbs, Etc., from Holland, also Local Consignments of Palms, Ferns, Rubbers, Evergreens, Perennials, etc.

Regular Salesdays Tuesdays and Fridays of each week at 11 o'clock, a. m.

Mention the American Florist when writing

New York Seed Trade.

The S. S. New Amsterdam brought 122 cases of bulbs for Vaughan's Seed Store. J. B. Deamud, the manager, has gone to the Cleveland show. W. E. Marshall and Roman J. Irwin are also at Cleveland.

The MacNiff Horticultural Co. received large shipments from Holland during the past week, comprising a variety of stock. This firm's auction sales are well attended and good prices are being realized.

McHutchison & Co. have received, during the past week, heavy shipments of azaleas, which they report in good condition, and they are now well prepared to supply the trade.

J. M. Thorburn & Co., during the past week, received a consignment of spireas and other roots from Holland.

The Harry A. Bunyard Co., Inc., has been very busy during the past week shipping bulbs to its customers.

Weeber & Don have received another shipment of bulbs. They report good business.

American Sugar Beet Seed.

The United States Beet Seed Co., an organization composed of practically all of the large manufacturers of beet sugar in the United States, will incorporate in Utah with an initial capitalization of \$100,000, the object of the organization being to grow at home sufficient sugar beet seed to care for the sugar beet crop in America. As a result of the European war, considerable difficulty has been experienced in securing enough seed to meet this demand. During the past season it is estimated that approximately 14,000 bags of beet seed were grown in Utah and Idaho—ample seed to care for the 1916 crop in those states. W. H. Winterhalter, a German expert, who has been superintending the work of the Utah-Idaho Sugar Co. during the past three years, has been engaged to supervise the work of the new company.

Routzahn, Floricultural Commissioner.

The Woman's National Weekly, published at University City, Mo., in its issue of September 18, devotes one entire page to illustrations of the flower seed farms of the Routzahn Seed Co. Arroyo Grande, Calif. L. C. Routzahn, head of the firm, has recently been appointed commissioner of floriculture for the Atascadero Colony flower seed farms, 61 in number, at Atascadero, Calif., and will have full charge of this industry in the colony.

Order Now and Tell Us When to Ship

Holly, Bouquet Green, Wreathing, Xmas Trees and Xmas Decoration Sundries

ESTIMATES FURNISHED ON FULL LINE

The particular florist avoids disappointment by placing orders with us.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated
English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, : NEBRASKA

SPIRÆA

From Cold Storage Per case

Gladstone, white, 100 to case.....\$6.50

Queen Alexandra, pink, 100 to case..... 7.50

LILIES (New Crop)

Longiflorum Multiflorum, 9 to 10

in., 200 to case.....per case, \$19.00

Write for our Fall Trade Catalogue.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK and Orange, Conn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbenia in variety. Correspondence Solicited.

VALLEY From Cold Storage For Christmas Flowering

Bruns' Celebrated Chicago Market
\$18.00 per 1000; \$9.50 per 500; \$5.00 per 250.

Florists' Money Maker
\$16.00 per 1000; \$8.50 per 500; \$2.00 per 100.

H. N. BRUNS, 3040 Madison St., CHICAGO, ILL.

FLORISTS appreciate the importance of seeds and bulbs which may be depended upon: most florists have experienced the disappointment and loss incident to poor quality.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

New York Imports.

During the week ending November 6, over 10,000 cases and packages of plants, trees and shrubs and over 2,000 cases of bulbs arrived here from Rotterdam, Holland, including the following:

Vaughan's Seed Store, 122 cases bulbs, 1 case plants (Bordeaux, France), 50 bags fertilizer (London, Eng.).

J. M. Thorburn & Co., 35 cases plants, 26 bags fertilizer (London, Eng.).

MacNiff Hort. Co., 141 cases plants, 5 cases bulbs.

F. R. Pierson Co., 20 bags fertilizer (London, Eng.).

McHutchison & Co., 409 packages plants.

Elliott Auction Co., 3 cases bulbs.

A. Rolker & Sons, 36 cases plants.

H. F. Darrow Co., 17 cases plants.

W. Elliott & Sons, 15 cases plants.

R. M. Ward & Co., 34 cases bulbs.

A. T. Boddington Co., 13 cases bulbs.

Julius Roehrs Co., 34 cases plants.

Weeber & Don, 24 cases bulbs.

To Order and Others, 151 barrels seeds (Bordeaux, France).

German Parcel Post Not Discontinued.

The German parcel post service has not been discontinued and the postal authorities state they have no official information as to its discontinuance. The report on the discontinuance of this service, given currency by other trade paper publishers, is calculated to cause serious loss to the few German and American seedsmen who are not fully informed as to the trade deficiencies of the publishers in question.

LILY OF THE VALLEY PIPS
Ex Cold Storage
NEW YORK or CHICAGO
Finest Grade of GERMAN and DANISH PIPS
ASK FOR PRICES
Loechner & Co., Inc., 11 Warren St., New York

Water Melon and Okra Seed
Grown for the Wholesale Trade.
Let us have your wants for another season to be grown under contract by us.
W. E. HAILE, Seedsman,
Monticello, Fla.

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

R. & M. GODINEAU
SEED GROWERS
Angers, - France
Specialties: Beets, Mangoes, Carruts, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.
Mention the American Florist when writing

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,
Branches Michigan, Wisconsin and Idaho
MILFORD, CONN.

RAFFIA
Natural—Four standard grades.
Colored—Twenty colors.
We are headquarters — always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.
Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK
Mention the American Florist when writing

TOMATO SEED
Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.
EDGAR F. HURFF,
Correspondence Solicited. **SWEDSBORO, N. J.**
Mention the American Florist when writing

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**
Mention the American Florist when writing

CHRISTMAS PLANTS
We have Poinsettias, Azaleas, Cinnamati, Lorraine, Luminosa, Chatelaine and four other blooming varieties of Begonias; Cyclamen, Cinerarias, Obconica, Chinese, Forbesii and Malacoides Primroses. C. Peppers and J. Cherries, all in fine shape.
Anything you want for Christmas write us.
Geo. A. Kuhl, Wholesale Grower
PEKIN, ILL.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana		Each	Per doz.
Leaves	In. high		
6-in. pot.....5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana		Each
	In. high	
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	2.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48.....	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5 1/2 ft., heavy.....	5 to 5 1/2 ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5 1/2 to 6 ft., heavy.....	5 1/2 to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28-in. high.....	24 to 28-in. high.....	1.00

Kentia Belmoreana		Each	Per doz.
Leaves	In. high		
2 1/2-in. pot.....4.....	8 to 10.....	\$1.50	
3-in. pot.....5.....	12.....	2.00	
4-in. pot.....5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....6 to 7.....	18.....	.50	6.00
6-in. pot.....6 to 7.....	24.....	1.00	12.00
6-in. pot.....6 to 7.....	26.....	1.25	15.00
6-in. pot.....6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub, 6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub, 6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub, 6 to 7.....	5 ft., very heavy.....	8.00	
9-in. cedar tub, 6 to 7.....	6 ft., very heavy.....	10.00	

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

ALL Nurserymen, Seedmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

THE J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

NEW

Gladiolus

CATALOGUE

Now Ready.

John Lewis Childs, Inc.

FLOWERFIELD, L. I., N. Y.

James Vick's Sons
Seedsmen, Nurserymen, Florists
ROCHESTER, NEW YORK
Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
Mention the American Florist when writing

Have just received a small surplus of
Japan Grown Freesias and L. Formosums.
Cold storage GIGANTEUMS always on hand.
Write for prices.
Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City
Mention the American Florist when writing

BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and Acacia Seeds
P.O. Box 857, MELBOURNE, AUSTRALIA
Mention the American Florist when writing

FALL PRICE LIST
ROSES
"First Aid to Buyers"

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

EL PASO, TEX.—The El Paso Nursery Co. has decreased its capital stock from \$20,000 to \$15,000.

RHINELANDER, WIS.—The Rhineland Nursery Co. has been incorporated with a capital stock of \$10,000.

PORTLAND, ORE.—James G. Kelly and E. Langley of this city have incorporated the Epperson Nursery Co., with a capital stock of \$2,000.

THE spur and long cane systems of grape pruning are compared in Bulletin No. 160 of the Iowa State College of Agriculture, recently issued.

"THE NATIVE PERSIMMON," by W. F. Fletcher, is the title of Farmers' Bulletin No. 655, recently issued by the department of agriculture, Washington, D. C.

BALTIMORE, MD.—The first meeting of creditors of the Franklin Davis Nursery Co., in bankruptcy, will be held in the court room, Post Office building, November 19, at three p. m.

INDIANAPOLIS, IND.—To promote interest in the planting of trees, shrubs and flowers, the park commissioner of this city have offered the use of its greenhouse and nursery to the schools of this city, to be used in connection with school work.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1915) edition is \$3 per copy, postpaid.

Ligustrum Vulgare.

This is the European privet, and one of the plants which retains its dark green leaves well into the winter. During the last 20 or 30 years much attention has been paid by botanists and gardeners to the privets of eastern Asia, where many species have been discovered. None of these, however, are as valuable in this climate as the European species, which is perhaps the handsomest here of all black-fruited shrubs. The bright shining fruit is borne in compact clusters which are on the ends of the branches and stand up well above the dark green lustrous leaves; they remain on the plants during the early winter months and after the leaves have fallen. During the first half of the nineteenth century this privet was a common garden plant in the northern United States, where it was much used in hedges; and it is now sparingly naturalized in the northern and middle states. There are several forms of this privet in cultivation, including one with yellow fruit (var. chlorocarpum) which can now be seen covered with fruit in the shrub collection. The variety foliolosum is also growing here; this has rather narrower leaves and larger fruits than the common form and at this season of the year is one of the handsomest plants in the arboretum.—Arnold Arboretum Bulletin.

Minneapolis.

SALES SLOW AND PRICES LOW.

The market is very much overstocked, there being a surfeit of nearly every variety. Carnations are coming in very fine with stems 12 to 18 inches long, but the sale is slow at prices varying from \$1.50 to \$3 per 100. Roses are also of fine quality but drag at prices from two cents to 10 cents. Chrysanthemums are seen in quantities, there being plenty to meet all requirements and the same can be said of pompons. Callas are very fine and bring \$1.50 per dozen. Lily of the valley is arriving in larger quantities and sells at three cents to five cents with no scarcity. Home grown violets are quoted at \$1 per 100.

NOTES.

The meeting of the Minneapolis Florists' Club was held at the Park greenhouses November 2, through the courtesy of Theo. Wirth, and a committee was appointed to take up with the horticultural society the work pertaining to the flower show to be held at the West hotel, December 7. A club of young members was formed which will be affiliated with the club and will hold weekly meetings at the South High school.

Oscar Amundson has the silver trophy, which the club won at the state fair filled with some fancy Pauline Anderson chrysanthemums, which were grown by Miss Anderson's father, C. G. Anderson of the Minneapolis Floral Co.

The next meeting of the florists' club will be held November 16, at Rice Bros. store, 218 North Fifth street. Plans will be discussed to boost the show to be held at the West hotel in December.

Max Kaiser has three houses of very fine cyclamens. He is sending some of them to be exhibited at the Chicago Grand Floral Festival, which is being held in that city this week.

Mrs. Hugh Will met with a serious accident recently and is at Eitel hospital, with four broken bones in her wrist, the result of a fall on the marble floor at the Y. W. C. A.

A. S. Rice has sold his bull dog as he had to walk home with him at night and down in the morning. Three miles—some "hike."

Cal Rice and a party of friends, including Mr. Van Bochove of Kalamazoo, Mich., and his party will leave shortly on a three weeks' hunting trip to Grand Marais.

Rudy Rudlinger, son of C. N. Rudlinger, was operated upon at the Northwestern hospital. His friends will be

glad to hear that he is getting along nicely.

R. W. Latham has been taking his friends out to his home at the lake in his new Pierce-Arrow touring car.

The Eldridge Floral Co. has a fine display of Wm. Turner chrysanthemums in its window.

R. H. Wessling and Miss Berma Mickelson are to be married in the near future. T. C. R.

PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

Mention the American Florist when writing

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more braches than what is usually sent out, and 1 grade better. Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER, N. J.

Mention the American Florist when writing

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the **American Florist Co.'s Trade Directory**. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

J. Gouchault & Turbat Nurseries

E. TURBAT & CO.

Nurserymen and Rose Growers ORLEANS (FRANCE)

Inform the Whole Nursery Trade that notwithstanding the war they have maintained their Nurseries up to the usual level and that they will be from now, very pleased to answer all demands for:

Roses. One of the most extensive existing collection, deliverable as dwarfs, on their own roots; grafted on dog rose roots; budded on dog rose seedlings; in all the best old and new varieties; also as standards or tree roses.

Rose Stocks. Such as Rosa Canina, of which we have largely increased our production; Manetti, Grifferaie, Laxa, Multiflora, Polyantha, etc.

Fruit Tree Stocks. All varieties, all sizes.

Young Deciduous Ornamental Trees and Shrubs. Very important collection.

Young Conifers. Very large collection, all the best sorts.

Our list of New, Rare or Noticeable Trees and Shrubs, the most up-to-date list published and of deep commercial interest, should be consulted by all interested.

Grand list Hardy Herbaceous, new and old, etc.
Our new Wholesale Catalogue is ready. Please ask for it.

FORCING STOCK

The "Made in America" kind right here and available for prompt delivery at a minimum risk and expense.

New French Hydrangeas

Outdoor pot-grown, 6 inch pots. Reduced prices to close out surplus—with 7 to 10 branches, **\$25.00 per 100**; with 5 and 6 branches, **\$20.00 per 100**; with 4 branches, **\$15.00 per 100**.

Bouquet Rose, rosy amber; **Gen. de Vibraye**, bright rose; **La Lorraine**, deep pink; **Mme. Maurice Hamar**, flesh pink; **Mme. E. Mouillere**, best white; **Radiant**, rose-carmine.

Genistas

5 inch pots, compact, shapely plants, **\$20.00 per 100**. Get some of these attractive yellow-flowered plants to avoid the monotony of too much red and pink material.

Field Grown Roses

Hardy, firm-wooded, northern-grown stock with plenty of stored-up vitality. Send for list of varieties.

JACKSON & PERKINS COMPANY

NEWARK, NEW YORK



CANNA FIREBIRD

GET IT NOW

Benched now. Can be increased three fold by May 1.

Write for Prices.

VAUGHAN'S SEED STORE,
NEW YORK CHICAGO

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids. Prices quoted upon application.

BOGOTO (Chapinero) COLOMBIA.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

F. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

- Kentia Belmoreana, 2½-inch, at \$9.00 per 100; \$30.00 per 1000. 3-inch, at \$12.00 per 100; \$100.00 per 1000. 4-inch, at \$30.00 per 100.
- Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....\$3.00 each
- 10-inch tubs, 40 to 44 inches high, at..... 5.00 each
- Kentia Forsteriana, made up, bushy plants, in good tubs,
 - 7-inch tubs, 3 plants in a tub, 36 inches high, at.....\$3.00
 - 8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at..... 3.50
 - 8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00
 - 8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00
 - 9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at..... 6.00
 - 10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at..... 7.50
- Asparagus Sprengeri, strong 3-in.....\$ 5.00 per 100
- Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15.00 per 100; strong 5 in. pots..... 25.00 per 100
- Dracaena Terminalis, strong 5-in, well colored.....\$7.00 per doz.; 50.00 per 100
- Hydrangeas, French sorts, assorted, and Otaksa, pot-grown; 4-in. pot plants, \$15.00 per 100; 5-in. pot plants..... 20.00 per 100
- Adiantum Glory of Mordrecht, 4-in. pot plants.....\$4.00 per doz.; 25.00 per 100
- Adiantum Croweanum, 4-in..... 15.00 per 100
- Fern Dish Ferns, all standard varieties..... 100, \$3.00; 1000, \$25.00
- Azaleas, fine stock just arrived. Mme. Petrick, Vervaeana, Vervaeana Alba. Mme. Vander Cruyssen, Apollo, Simon Mardner and Niobe, 12 to 14 in., at 65c; 14 to 16-in., at 75c; 16 to 18-in., at \$1.00.
- Begonia Florence Davenport, extra fine, 5-in., at 40c; 6-in., at 60c.
- Poinsettias, 4-in., ready to bloom, at 15c; 5-in., ready to bloom, at 25c; pans, 6-in., 5 plants to a pan, fine stock at 75c.

The Storrs & Harrison Co.

PAINESVILLE, OHIO

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL

Mention the American Florist when writing

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100; \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

- Pyramids, 2 -ft.....\$1.00 each
- Pyramids, 2½-ft..... 1.50 each
- Pyramids, 3 -ft..... 2.00 each
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of America.

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Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Mechanical Watering.

Growers of vegetables under glass have come to depend almost entirely upon mechanical watering, the hose being seldom seen; when properly installed and operated, the mechanical way is superior to hand watering in many ways. However, when we inspect many places, we find a perfect job of installation the exception instead of the rule. Too often the lines of pipe are drilled irregularly, are poorly lined up, and the nozzles set at various angles. Under such conditions indifferent results are sure—the abomination of all greenhouse men, namely wet and dry spots alternately. Thus uneven crops are the result and often diseases and insect pests invited. The saving of labor is so great and the results so dependent upon perfect watering that it is time well spent to put up a perfect job. And to complete the job each line must have an absolutely tight valve—preferably a removable disc globe valve, one that can be repaired should wear occur. Another feature that needs attention is the proper water-pressure. We have just come across an installation where the water would not reach as far as required, simply because the pressure carried was excessive. Too much force vaporizes the water and reduces the throw. All these details need attention for best results. MARKETMAN.

Lancaster County Florists' Club.

A number of the fraternity were dotted at various points of Center square at one o'clock, Thursday afternoon, October 21, anxiously looking for a leader. Rudolph Nagel, who according to his official title should have lead the party, was busy getting his houses in readiness for a cold snap and President B. F. Barr, who was to have taken his place, had been corralled by a salesman from some distant place in the United States and was so intent on buying a bill of goods that he could not get away. In consequence there was an indignation meeting on the Square, and the trip was arranged to suit the members present. The writer appointed himself a committee of one to meet the 1:33 train, which brought our guest of honor, Robert Pyle, of the Conard & Jones Co., West Grove, Pa. Chas. M. Weaver kindly volunteered the use of his auto and we soon caught up with the visiting party, the first stop being at the Wheatland Greenhouses where the carnations were looking good and the best Chrysolora chrysanthemums being shipped from this section are now being cut. The next stop was at Thomas R. Fries' place, where there is a continual change of stock and a use of every bit of available space that is a revelation to the stranger, we having rather become accustomed to seeing three times the amount of stock turned out here that is generally produced from the same amount of glass. President B. F. Barr met us at his range, and did the honors for the balance of the afternoon. His place shows the usual variety grown by the retailer for his store trade, most of it being

very good and the carnations exceptionally fine in quality. He takes great pride in his nursery stock and certainly has some very fine specimens of trees and shrubs in good salable sizes.

At the writer's range the strangers were somewhat surprised at the number of geraniums under way and even more surprised at the beauty of the *Buddleia variabilis*, flocking around them looking much like clusters of butterflies, but there the smile ends for the average florist is more like the busy bee, working night and day to produce the money that the other fellow takes away from him, in the shape of new houses as was witnessed at Rudolph Nagel's where two fine houses are in course of erection, and he demonstrated the absolute impossibility of his being with us for he was acting as general supervisor of both the builders and the steamfitters. Here we noted very good stock of *Pelargonium White Cheer*, a house of pompons just coming into good shape, and several houses of early chrysanthemums that are being cut and a few of the mid-season varieties coming on. The next stop was at the establishment of Henry D. Rohrer, under the guidance of his two sons, Harry K. and Abram. Here we found the usual good stock of carnations coming into shape, several houses of *Chrysanthemum Bonaffon*, a big lot of primulas, a house of forget-me-nots, several of sweet peas, a number of the newer chrysanthemums on trial and a house of *Chrysolora* from which very good stock was being cut.

Mrs. George G. Goldbach's was next visited and here we found the place planted for a continuous supply for the retail store and most of it looking fine. Mrs. Goldbach devotes her time to the city store, and I believe would sell the growing end of the business if she could get a buyer. In a little potting bench discussion it was ascertained that everyone in the party would sell if they could get a buyer; that is, everyone excepting the baby of the crowd, Edward Beck, who is too new to the business to realize what he is up against but with a little more experience he will be with the majority. Julius P. Siebold's was the next objective point and here we found some 30 varieties of geraniums being grown for the wholesale trade, also a bench of handsome begonias and a few novelties that are being kept sub rosa until further developed. The harvesting of an immense crop of *Salvia Zurich* has just been finished and the seed will be put on the market with a germination test of 95 per cent good. The next was a round table at the Brunswick hotel with President B. F. Barr, Treasurer Harry K. Rohrer, Ex-Officio Albert M. Herr, Guest of Honor Robert Pyle, T. J. Nolan and D. T. Connor. The latter two act as sort of connecting links with the outside world for the club and are too well

known to need a title. This group was joined a bit later by R. L. Mowbray, assistant treasurer of the Dingee-Conard Co. The rest of the 23 who were on the visiting trip scattered to various points of interest until time for the regular club meeting.

At 7:30 p. m. sharp the club started its meeting with an attendance of some 40 members, which number was augmented during the next hour until seating capacity was exhausted. The dahlia show committee reported what they had accomplished at the fair. The visiting committee reported that they had under consideration a trip to Reading, providing that city had a flower show, and if not, Manheim would be the attraction for November. Fred Hardy and Adam Felsing were elected to membership in the club.

Robert Pyle was then introduced and gave us as delightful a travel talk as one could wish to listen to and without the aid of pictures we were able to see the country through which he was passing and the horticulture and floriculture attached thereto. After the lecture he showed us some photographs made during the tour and well deserved the unanimous vote of thanks given him for the lecture. We feel that a little bunch like us are some pumpkins when we can get such men as Mr. Pyle to give us a talk, and when he expresses his delight with the club and its form of management, we begin to swell up with pride, but not the pride that goeth before a fall. Ours is an ambitious pride, but if we want to be considered as having any wisdom, I guess "nuf sed" for this time.

ALBERT M. HERR.

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Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
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TRADE IMPROVES WITH PRICES FIRM.

Trade during the past week has shown an improvement, good prices are being maintained and stock in quantity is moving. Some splendid roses are coming in and find a ready sale. Carnations are in full supply and sell at wholesale at prices seldom realized in former years. Of course, there are some cheap ones on the market, but the best are bringing \$20 per 100. Carnations are also more plentiful and find quick sales. The florists' window displays made possible with this excellent assortment are very attractive, the large chrysanthemums especially making a fine show in themselves.

CHRYSANTHEMUM SHOW.

The Montreal Gardeners' and Florists' Club held its annual chrysanthemum show in its rooms, November 1. The number of exhibits was not large but the quality has never been surpassed here. Special mention is due the Mount Bruno Floral Co., whose entries repeatedly scored the highest possible 10 points and were awarded certificates of merit. John Walsh had an excellent exhibit of orchids, his laelias being very good. R. W. Whitney staged miscellaneous plants and scored high with geraniums and ferns. A. C. Wilshire, of Wilshire Bros, had a nice lot of single chrysanthemums and a splendid lot of outdoor grown pansies. The judges were Jos. Bennett, G. A. Robinson and G. Miles.

A subscription was taken up in aid of the Red Cross Society, amounting to \$45.50. The club also carries free on its books members who have gone to the front and has their names inscribed on a "list of heroes," the following being the names entered to date: C. Denman, killed; Wm. Young, wounded; P. Ford, F. Wilshire, S. Skeates, A. Gibb, Jr., T. Pewtress, Jr., T. McHugh, Jr., A. Murray, P. Thorb, H. Henderson, P. Scott, R. Scott and R. B. Taylor.

J. L.

LOGAN, PA.—Jacob Wilhelm, who conducts a flower store at 4943 North Broad street, has opened a branch on Windrim avenue.

UTICA, N. Y.—Brant Brothers, during the past summer, erected a new rose house, 24x400 feet. It has concrete walls and a new concrete boiler house has also been erected. They think of building more houses next year.

Rose Pink Carnation Miss Theo

Good stem, enormous bloomer, does not split, even color, good flower, good shipper, good keeper.

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Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

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Araucarias, Excelsa, 5-in., 3 to 4 tiers, 75c each; 6-inch, 4 tiers, \$1; 7-inch, 4 to 5 tiers, \$1.25; 7-inch, 5 tiers, \$1.50 to \$2. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 7-inch, 3 tiers, \$1.50; 7-inch, 3 to 4 tiers, \$2; 9-inch, 5 to 6 tiers, \$4 to \$5 each. Pochlmann Bros. Co., Morton Grove, Ill.

Araucaria excelsa, 5-inch, 2 ft. high, 5 whorls, \$1 each; \$10 per doz.; 6-inch, 2 ft. 6 in. high, 6 whorls, \$1.50 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

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Asparagus plumosus, 2 1/4-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

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Asparagus Plumosus, 80c per 100; \$3.50 per 500; \$6 per 1,000. Sprengeri, 75c per 100; \$3 per 500; \$5 per 1,000. These are June sown; strong. Prepaid. Strictly cash. C. W. Harrold, 1849 E. Main St., Decatur, Ill.

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Asparagus Lutzje, 4-inch, 35c each; \$30 per 100. F. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

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2 1/2-inch ASPARAGUS PLUMOSUS and SPRENGERI at \$2 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Asparagus Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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New Begonia, Luminosa Hybrida, far superior to any other begonia in that class. Strong growth; large flowers; free bloomer; 2-inch, \$6 per 100; 3 1/2-inch, \$15 per 100. ALEX. HASSLOCH, Georgetown, Ky.

Begonias, flowering, 12 kinds, 2 1/2-inch, \$5.50 per 100; \$50 per 1,000. Chatelaine, 2 1/2-inch, \$5 per 100; \$45 per 1,000; 4-inch, \$8 per 100; \$75 per 1,000. Alonzo J. Bryan, Washington, N. J.

Begonias, Gloire de Chatelaine, Prima Donna and Pfitzer Triumph, 2-inch, \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonia Florence Davenport, 5-inch, 40c; 6-inch, 60c. The Storrs & Harrison Co., Painesville, Ohio.

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PYRAMIDS—Broad, heavy uniform specimens, 2 ft., \$2.25 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each. Price includes tubs, f. o. b. Dundee.
BUSH SHAPE—14-in., balled, 40c each; 16-in., balled, 45c each.
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Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Boxwood, in tubs, bush shaped, 24-inch, \$11 each; \$10 per doz. Pyramid shaped, 2 1/2 ft., \$2 each; \$3.75 per pair; 3 ft., \$2.50 each; \$4.50 per pair; 4 ft., \$4.50 each; \$8 per pair; Standard, 12-inch stem, 12-inch crown, 75c each; \$7.50 per doz.; 15-inch stem, 12-inch crown, \$1 each; \$10 per doz. Vaughan's Seed Store, Chicago and New York.

Boxwood, bushes, 10 to 12-inch, 25c each; 12-inch, 35c; 15-inch, 60c; 18-inch, \$1. Standard Globes, with short stems, 16 to 18-inch heads, \$4 each; 12 to 18-inch stems, 15-inch crowns, \$2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BULBS.

Bulbs, Spirea: Gladstone, \$7 per 100; Queen Alexandra, \$8 per 100. Gladiolus: Blushing Bride, \$5 per 1,000; The Bride, \$7; Peach Blossom, \$7.50; Augusta, America, Chicago White, Chicago Salmon, Mrs. Francis King, Panama; write for prices. Lilium Formosum, 7-9-inch, 250 to case, \$55 per 1,000; 8-9-inch, 225 to case, \$65 per 1,000; 9-10-inch, 180 to case, \$75 per 1,000. Lilium Giganteum (new crop), 7-9-inch, 300 to case, \$48 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. General list of Dutch bulbs on hand. Vaughan's Seed Store, Chicago and New York.

Bulbs, Giganteum, 7-9, \$5.50 per 100; case 300, \$15; 8-10, \$8.50 per 100; case 225, \$17.50; 9-10, \$9 per 100; case 200, \$17.50. Lilium Formosum, 8-10, \$8 per 100; case 225, \$17; 9-10, \$9 per 100; case 160, \$14. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Longiflorum multiflorum, 9-10-inch, 200 to case, \$19 per case. Spireas: Gladstone, 100 to case, \$6.50 per case; Q. Alexandra, 100 to case, \$7.50 per case. St. Louis Seed Company, 411-413 Washington Ave., St. Louis, Mo.

Bulbs, Japan grown freesias and L. Formosus, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Giganteum, 7-9, 300 to case, \$50 per 1,000; 8-9, 250 to case, \$70 per 1,000; 8-10, 225 to case, \$80 per 1,000; 9-10, 200 to case, \$90 per 1,000. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Large named Hyacinths, 1st size, \$3 per 100. Single and Double Tulips, narcissus on hand. Send for price list of stock on hand. THOMAS COGGER, MELROSE, MASS.

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CARNATION PLANTS, strong, field-grown Pink Enchantress, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Carnation Belle Washburn, \$12 per 100; \$100 per 1,000. Bassett & Washburn, 175 N. Wabash Ave., Chicago.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Nebraska, per doz., \$3; per 25, \$4.50; per 50, \$8; per 100, \$12; per 1,000, \$100. C. H. Frey, Lincoln, Neb.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Enchantress and Beacon, \$5 per 100; \$45 per 1,000. Good seconds, 4c. Cash please. HARRY HEINL, West Toledo, Ohio.

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CAREX VARIEGATA. A beautiful low bushy pot plant for table decoration, 4-inch fine stock, \$5 per 100. We need the room, hence the low prices. **WAGNER PARK NURSERY CO.,** Sidney, Ohio.

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CHRYSANTHEMUM STOCK PLANTS.
 Chrysolora Golden Glow
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 50c per doz., \$3.00 per 100; \$25.00 per 1,000.
 Klondike, Mrs. Ben, Alice Salomon,
 \$4.00 per 100; \$35.00 per 1,000.
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 5 to 6-in., \$25.00 to \$35.00 per 100.
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 Zenobia Garza
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 The best of the newest introductions. Golden Queen, Crystal Gem and Marigold, 50 cents each. Exceptionally fine stock plants.

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Chrysanthemums, pot-plants, 5½ and 6-inch pots, 40c, 50c and 60c each; 7-inch, 75c, \$1, \$1.25, \$1.50 and up. Poehlmann Bros. Co., Morton Grove, Ill.

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Clematis. W. & T. Smith Co., Geneva, N. Y.

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COLEUS—Xmas Red, 3-inch, \$5.00 per 100. **JOHN KRUCHTEN COMPANY,** 162 North Wabash Avenue, CHICAGO, ILL.
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Cyclamen Giganteum. Wandsbek type, plants nicely shaped and well huddled, ready for immediate shipment; assorted or separate colors:
 3½-inch \$ 10.00 per 100
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 All our cyclamens are shipped in paper pots. Cash please.
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 Per 100 Per 1,000
 2½-inch \$ 5.00 \$45.00
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 3½-in. equal to 4-in. 12.50
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CYCLAMEN GIGANTEUM—Wandsbek type— in excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and salmon colors of the improved Wandsbek; We need the space, 2½-in., \$4 per 100; 3-in., \$7 per 100; 3-in., extra selected, \$10 per 100; 4-in., \$12.50 per 100; 4-in. extra selected, \$18 per 100; 5-in., \$30 per 100. **ERNEST ROBER,** Wilmette, Ill.

Cyclamen, 3-inch mixed colors, \$8 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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CYCLAMEN GIGANTEUM. My prize strain all need a shift, 3-inch, 8c; 4-inch, 14c; 5-inch, 40c. All heavy plants and plenty of salmon. **R. J. SOUTHERTON,** Highland Park, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. **A. Henderson & Co.,** 369 River St., Chicago, Ill.

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Cyclamen, assorted colors, 4-inch, large plants, ready to flower, \$20 per 100. **Vaughan's Seed Store,** Chicago and New York.

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Cyclamen, 8 vars., 2½-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. **Alonzo J. Bryan,** Washington, N. J.

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DAHLIAS, rare varieties; something real good; no junk; at living prices. Seed, best grade; all classes, 25c per pkt. **FORT RECOVERY DAHLIA GARDENS,** Fort Recovery, Ohio.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pick, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. **J. T. Lovett, Little Silver, N. J.**

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 One of the best.
 Special strain, 2½-inch, \$4.00 per 100.
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 2-inch, \$4.00 per 100.
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 Special strain, 2½-inch, \$4.00 per 100.
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 2-inch, \$4.00 per 100.
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 Daisy Mrs. F. Saader, 2-in., \$2 per 100; \$18 per 1,000. **Elmer Rawlings,** Allegany, N. Y.

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50,000 extra healthy and large field-grown **DRACAENA INDIVISA,** \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. **ALONZO J. BRYAN,** Wholesale Florist, Washington, New Jersey.

Dracena amabilis, 6-inch, \$1 and \$1.25 each. **Terminalis rosea,** 4-inch, 40c each; \$5.50 per doz.; 5-inch, 75c each; \$7.50 per doz. **Godseffiana,** \$1 per doz. **Dieffenbachia magifica,** 50c, 75c, \$1 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. **Geo. M. Emmons,** Newton, N. J.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. **The Storrs & Harrison Co.,** Painesville, Ohio.

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Ferns, **Nephrolepis Teddy Jr.,** 3-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3½-in., \$1.80 per doz.; 2½-in., \$6 per 100. **Elegantissima Compacta,** 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3½-in., \$3 per doz.; 2½-in., \$6 per 100. **Elegantissima, Specimens,** 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2½-in., \$6 per 100. **Muscosa and Smith's,** 5-in., \$12 per doz.; 3½-in., \$3 per doz. **Harris's,** 3-in., \$12 per doz. **Superbissima,** 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2½-in., \$3 per doz. **Cibotium Schiedel, Specimens,** 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3½-in., \$15 per 100; 2½-in., \$3.50 per 100.
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 Boston, 4-inch \$12.00 per 100
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 Boston, 7-inch 75c each
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Asplenium nidus avis (Birdsnest ferns) 4-in. pans, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. **Fernish ferns** in flats and 2½-in. a specialty. **Il. Plath, Lawrence and Windup Ave.,** San Francisco, Calif.

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Adiantum Glory of Mordrecht, 4-inch, \$3 per doz.; \$25 per 1,000. **Adiantum Croweanum,** 4-inch, \$15 per 100. Ferns for dishes, all standard varieties, \$3 per 100; \$25 per 1,000. **The Storrs & Harrison Co.,** Painesville, Ohio.

Ferns, Boston, Roosevelt and Whitmani, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

Ferns—strong pot-grown, 3-inch, \$5 per 100. **Aspidium Tussimensis, Cyrtomium Falcatum, Pteris Serrulata Cristata, Pteris Wilsonii.** **FLORACROFT GARDENS,** Moorestown, N. J.

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BOSTON FERNS. Bushy established, 4-inch stock, \$12 per 100. Heavy 5-inch, \$18. Extra fine, 6-inch, \$27.50 per 100. **WAGNER PARK NURSERY CO.,** Sidney, Ohio.

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Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. **Geo. M. Emmons,** Newton, N. J.

Ferns. **Joseph Heacock Co.,** Wyncote, Pa.

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Genistas, 5-inch pots, compact, shapely plants, \$20 per 100. **Jackson & Perkins Company,** Newark, New York.

GENISTA CANARIENSIS, 4-inch plants ready for a shift at 20c. **R. J. SOUTHERTON,** Highland Park, Ill.

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Geraniums, 2-inch stock; **Nutt, Dagata, Ricard, Red Wing, Vland, La Favorite, Jaulin, Perkins and Oberle,** \$2 per 100; \$18.50 per 1,000. **Annie Vincent, Atlantis, Luigi Grandi, Poitevine,** \$3 per 100; \$25 per 1,000. **F. H. DeWitt & Co.,** Wooster, Ohio.

Geraniums, 15 vars., 2½-in., \$2.25 per 100; \$20 per 1,000. **Alonzo J. Bryan,** Washington, N. J.

Geraniums, **S. A. Nutt,** \$12.50 per 1,000. **Ricard and Poitevine,** \$15 per 1,000. **A. M. Herr,** Lancaster, Pa.

Geraniums, **Nutt, Bucher, Ricard, Perkins, Poitevine, 2-in.,** \$2 per 100; 3-in., \$5 per 100. **Geo. M. Emmons,** Newton, N. J.

GERANIUMS, mixed varieties, out of 2½-inch pots. Am booking orders for Dec. delivery at \$20 per 1,000. Cash. **JAMES MOSS,** JOHNSVILLE, PA.

Geraniums, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. **Maryland,** \$1 per doz.; \$4 per 100; \$35 per 1,000. **R. Vincent, Jr., & Sons Co.,** White Marsh, Md.

ROSE GERANIUMS, no greenhouse is complete without some of these. We have a fine lot of 2-inch pots, \$2 per 100; 3-inch pots, \$3 per 100. Cash, less 5%. **C. L. HUMPHREY,** Zanesville, Ohio.

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XMAS DECORATIONS.
 Selected Box Holly, Holly Wreaths a specialty in large and small quantities. Write your requirements.
DELAWARE EVERGREEN CO.,
 MILTON, DELAWARE.

Greens, dagger and fancy ferns, 80c per 1,000; case of 5,000, \$3.50. **Green galax,** 50c per 1,000; case of 10,000, \$4. **Green leucothoe long,** \$2 per 1,000; short, \$1 per 1,000. **Rhododendron leaves,** 50c per 1,000. **Elk Galax & Fern Co.,** Banners Elk, N. C.

Greens, **Lyrata,** \$2.50 per case. **Fancy ferns,** \$1.25 per 1,000; dagger ferns, \$1 per 1,000. **Natural moss,** \$1.75 per bag. **Perpetuated moss,** \$3.50 per bag. **Caldwell, The Woodsman Co.,** Evergreen, Ala.

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Greens, Vaughan's XXX holly, bouquet green, green wreathing, boxwood, laurel, mistletoe, magnolia leaves, Japanese robing, cyacas leaves, winter berries, immortelles, ruscus, etc. Vaughan's Seed Store, Chicago and New York.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. D. A. Beaven, Evergreen, Ala.

Holly Wreaths. W. G. Williams & Son, Selbyville, Del.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emans, Newton, N. J.

HOLLYHOOKS.

HOLLYHOOKS in separate colors and mixed; fine large plants, \$6 per 100; smaller plants, \$4 per 100. Cash. JAMES MOSS, JOHNSTOWN, PA.

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Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chautard, Senateur Henri Davis, Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$6 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

New French hydrangeas, out-door, pot-grown, 6-inch pots, 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20 per 100; 4 branches, \$15 per 100. Bouquet Rose, Gen. de Vibraye, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere, Radiant, Jackson & Perkins Company, Newark, New York.

Hydrangeas, - French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGAEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

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GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

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JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Jerusalem cherries. Geo. A. Kuhl, Pekin, Ill.

LILY OF THE VALLEY.

From Storage.

Lily of the valley from cold storage for Christmas flowering. Brun's Celebrated Chicago Market, \$18 per 1,000; \$9.50 for 500; \$5 for 250. Florists' Money Maker, \$16 per 1,000; \$8.50 for 500; \$2 per 100. H. N. Bruns, 3040 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage. New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Lochner & Co., Inc., 11 Warren St., New York.

MISCELLANEOUS.

Alyssum, alternantheras, Begonia Vernon, mixed; coleus, fuchsias, heliotrope, lantanas, lemon verbenas, moonvines, petunias, single and double; Salvia Bonaire, swainsona, \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 per 1,000 for 3-inch. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MISCELLANEOUS.

AZALEAS, PALMS, ARAUCARIAS. 35 cases of plants have been turned over to me to sell quick.

3,000 Azaleas in variety, from 20c to \$1.50 each.

500 Palms in variety, from 40c to \$2.50. 200 Araucarias, from 30c to \$1.50. 200 Aspidistra plants, 15 Cocos Weddellana. 22 Camellias, 25 Crotonas, 12 Dracaenas. 10 Standard and Pyramid Bay Trees. 14 Very Large Palms.

Order early if you want a bargain. Belgian stock will be scarce. Satisfaction guaranteed. Cash or satisfactory reference.

THOMAS COGGER,
Phone Mel. 1475 W.

229 Laurel St., Melrose, Mass.

Polypodium Maadlanum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

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Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubbed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantsville, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids, Francisco Delgado Q., Bogota (Chapitero), Colombia.

PALMS.

KENTIA BELMOREANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	.....\$ 0.40
6-inch pots,	6 to 7,	24	..... 1.00
6-inch pots,	6 to 7,	28 to 30	..... 1.50
6-inch pots,	6 to 7,	32 to 34	..... 2.00
7-inch pots,	6 to 7,	36	..... 3.00
8-inch tubs,	6 to 7,	38	..... 3.50
8-inch tubs,	6 to 7,	48	..... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins....\$ 1.50
7-inch pots, 3 plants in a pot, 38 ins.... 3.50
Specimens, very heavy.....\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

	Leaves.	Inches high.	Each.
6-inch pots,	5 to 6,	28 to 30	.....\$ 1.00
6-inch pots,	6 to 7,	34 to 36	..... 1.50
6-inch pots,	6 to 7,	38 to 42	..... 2.00
6-inch pots,	6 to 7,	44 to 46	..... 2.25
8-inch tubs,	6 to 7,	50 to 54	..... 5.00
8-inch tubs,	6 to 7,	5 ft.	..... 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	..... 8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	..... 10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
7-inch pots, 3 plants in a pot,	28 to 30	.....\$ 2.00
7-inch pots, 3 plants in a pot,	36 to 38	..... 2.50
7-inch tubs, 4 plants in a tub,	38 to 40	..... 3.00
8-inch tubs, 4 plants in a tub,	38 to 44	..... 3.50
8-inch tubs, 4 plants in a tub,	50	..... 5.00
8-inch tubs, 4 plants in a tub,	56 to 58	..... 6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	..... 8.00
12-inch tubs, 4 plants in a tub,	5 to 5 1/2 ft.	..... 10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	..... 12.00

Very strong specimens. 15-inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00.

PHOENIX ROEBELENI.

	Inches high.	Each.
7-inch pots, 2 lbs. high,	30 to 32-in.	.....\$2.00
7-inch pots, 26 lbs. high,	34 to 36-in.	..... 2.50
8-inch tubs, grand specimens	.....	..... 3.50
10-inch tubs, grand specimens	.....	.....\$5.00 to 7.00

ARECA LUTESCENS.

7-inch pots, 3 plants in a pot.....\$2.00
8-inch tubs, 5 plants in a tub..... 3.00

**POEHLMANN BROS. CO.,
MORTON GROVE, ILL.**

PALMS.

Palms, Kentia Belmoreana, 2 1/2-inch, \$9 per 100; \$80 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000; 4-inch, \$30 per 100; made-up: 8-inch tubs, 36 inches, \$3 each; 10-inch tubs, 40 to 44 inches, \$5 each. Kentia Forsteriana made-up: 7-inch tubs, 3 plants in a tub, 36 ins., \$3 each; 8-inch tubs, 36 to 40 ins., \$3.50; 8-inch tubs, 40 to 44 ins., \$4; 8-inch tubs, 44 to 48 ins., \$5; 9-inch tubs, 48 to 54 ins., \$6; 10-inch tubs, 4 plants in a tub, 54 to 60 ins., \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PANSIES.

PANSY SEEDS—Finest German Giant-Gold Medal Strain, \$5 per oz.; 1/4 oz., \$1.50; trade packet, 50c. EXHIBITION STRAIN, taken only from Elite flowers, \$10 per oz.; 1/4 oz., \$3; trade packet, \$1. Common Giant, mixed, \$3 per oz.; 1/4 oz., \$1; trade packet, 35c. PANSY SEEDLINGS, Gold medal strain, 50c per 100; \$4 per 1,000. Transplanted, finest mixture, 75c per 100; \$6 per 1,000. ERNEST ROBER, Wilmette, Ill.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSTOWN, PA.

PANSY PLANTS, BEST GIANTS. They combine the choicest large-flowered sorts; both European and American growers; extra strong, \$3 per 1,000. Express prepaid. GLOBE GREENHOUSES, Second Ave., Monroe and Garfield Sts., Denver, Colorado.

PANSY PLANTS, mixed varieties in bud and bloom, \$15 per 1,000. Cash. JAMES MOSS, JOHNSTOWN, PA.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

PANSY PLANTS for the benches, nice, stocky plants, \$5 per 1,000; 5,000 or more, \$4 per 1,000. Cash. JAMES MOSS, JOHNSTOWN, PA.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Pochlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

XMAS PEPPERS, extra fine plants, full of berries, 4-inch at \$10 per 100. Also Jerusalem Cherries, 5-inch at \$15 per 100.

BLITCH-LONG GREENHOUSES, Denver, Colo.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Christmas Peppers. Geo. A. Kuhl, Pekin, Ill.

POINSETTIAS.

POINSETTIAS.

	100	1,000
2,500 2 1/2-in. good plants	.....\$4.00	\$37.50
2 1/2-in. extra select	..... 5.00	45.00
3-inch	..... 8.00	70.00

A. L. RANDALL CO.,

Wabash, at Lake, Chicago, Ill.

POINSETTIA HEADQUARTERS—All top cuttings, 2 1/2-inch, strong stock, \$4 per 100; \$37.50 per 1,000; 3-inch, \$8 per 100; 4-inch strong stock, \$15 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Poinsettias, 4-inch, ready to bloom, 15c; 5-inch, 25c; 6-inch pans, 5 plants to pan, 75c. The Storrs & Harrison Co., Painesville, Ohio.

Poinsettias. Geo. A. Kuhl, Pekin, Ill.

PRIMULAS.

Primroses, Chinese, 2 1/2-in., \$3 per 100; \$25 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Primula obconica, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 3 1/2-in., \$6 per 100; \$55 per 1,000. Alonzo J. Bryau, Washington, N. J.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PRIMULAS.

Primroses, Forbesii, Obconica alba, rosea and Ruby, 2 1/4-inch pots, \$1.50 per 100. Obc. Gigantea, 2 1/4-inch, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primula, obconica, Chinese, Forbesii, Malacoides. Geo. A. Kuhl, Pekin, Ill.

ROSES.

Field-grown roses, hardy, firm-wooded, north-ern-grown. Send for list of varieties. Jackson & Perkins Company, Newark, New York.

ROSES, 2-year field-grown Selected Dorothy Perkins, \$8 per 100. H. P. STRECKFUS, Syracuse, N. Y.

Rose Champ Weiland, own root: \$30 per 100; \$250 per 1,000. Grafted: \$35 per 100; \$300 per 1,000. Weiland & Risch, 154 N. Wabash Ave., Chicago.

PRIVET.

PRIVET.

WE OFFER AMOOR RIVER PRIVET.

	Each	Ten	100	1,000
18-24 in., light.....	.10c	\$0.75	\$ 3.50	\$ 30.00
2-3 ft. ....	.15c	1.00	7.50	60.00
3-4 ft., heavy.....	.20c	1.25	10.00	75.00
4-5 ft., heavy.....	.30c	1.50	12.00	100.00

Also see our ads under spiraea and Berberry. Send today for our complete price list. AURORA NURSERIES, Aurora, Ill. Telephone 339.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

SEEDS.

WINTER ORCHID—FLOWERING SWEET PEA SEED.—I have still some of the best money makers on hand: Mrs. A. A. Skaach, orchid, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose, Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 ozs.; \$18 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Fairy Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var., Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lav.; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hnrf, Swedesboro, N. J.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Elliott Sts., Baltimore, Md.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Musk-melon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, petunias. Prices and list on application. T. B. Shepherd Co., Ventura, Calif.

Seeds, growers for the trade: beans, peas sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SMILAX.

SMILAX.

Strong 2 1/2-inch stock, \$1.75 per 100.

JOHN KRUCHTEN CO.,

162 North Wabash Avenue, CHICAGO, ILL.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SMILAX, strong plants, 3-inch pots at \$4 per 100. HENRY SMITH, Grand Rapids, Mich.

SPIREA.

SPIREAS.

WE OFFER SPIREA VAN HOUTTEI.

	Each	Ten	100	1,000
2-3 ft. ....	.15c	\$1.00	\$7.00	\$60.00
3-4 ft. ....	.20c	1.25	8.00	75.00

Send today for our complete price list. Also see ads under Privet and Berberry.

AURORA NURSERIES.

Telephone 339. Aurora, Ill.

SWAINSONA.

SWAINSONAS, white, 4-inch pots, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca Var., field plants, \$4 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

Violets, field-grown, Princess of Wales, 85 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

TO EXCHANGE.

TO EXCHANGE—Boston feros, asparagus and Carex Japonica Variegata for greenhouse carnations and chrysanthemum stock plants. State varieties you have to offer. WAGNER PARK NURSERY CO., Sidney, Ohio.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.

38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aohine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoo Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Plant stands, enameled green, made in three sizes to extend to 30, 44 and 56 inches, \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse materials. Duo-Glazed Sash for hotbeds. Callahan Duo-Glazed Sash Co., 2512 Wyandot St., Dayton, Ohio.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

The Autocar, a business builder for the florists. Write for prices. The Autocar Company, Ardmore, Pa.

Pexto Pruning Shears for trees, shrubs, vines, bushes, hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Danch Paper Company, 161 Water St., Sandusky, Ohio.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pexto Pruning Shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c, postpaid. Elmer D. Smith & Co., Adrian, Mich.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hillfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

E. L. ROGERS, 212 W. 15th St., St. Louis, Mo., Manufacturers of Wire Designs and Florists' Novelties. Write for prices. Give us a trial.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Books for Florists

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Mulertt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 352 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorin-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Neltje Blanchau. Well bound. 368 pages and 92 illustrations. Price, \$5.35.

Window Gardening.—By Herman B. Dörner. An interesting subject. Well bound in green cloth. 153 pages and 43 illustrations. Price, \$1.25.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 halftone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allen. Also contains chapters on seed raising, insects, pests and fungus diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

"Longer Wear— greatly increased economy" says Gasser Co., Cleveland

Gasser Co., Wholesale and Retail Florists, Cleveland, formerly used the ordinary type of hose, which lasted them, as a rule, but five or six weeks.

They decided that was *poor economy*. So they purchased a quantity of

GOODRICH "GREENHOUSE" HOSE

It is still good after over six months of hard wear, dragging over cinder paths, around wooden corner posts, etc. Furthermore, their pressure is high and the men kink the hose to shut off the water.

This is *but one case of longer wear*. There are hundreds of others. Why bother with short-lived hose when you'll have less trouble and save money besides by ordering Goodrich "Greenhouse?" Send for sample and test it yourself!

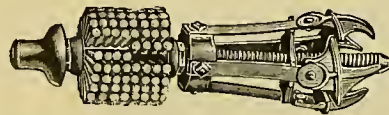
The B. F. Goodrich
Company

World's Largest
Rubber Factory
Akron, Ohio



General prices:
½-in. size—23c per ft.
¾-in. size—25c per ft.
Discount on full reels
(approx. 500 ft.)

Mention the American Florist when writing



Pillely Combination Flue Brush and Scraper

The brush removes what the scraper loosens. Scraper is easily adjusted to fit the tube perfectly. Brush is of the best steel wire. Guaranteed not to break or the wires to pull out or lay over.

Pillely Packing and Flue Brush Mfg. Company
620 South Third Street
St. Louis, Mo.

Mention the American Florist when writing

American Florist Co.

440 S. Dearborn St.,

Chicago.

“Just Around The Corner From The Wholesale Flower Market”

OUR office in the Masonic Temple is “right in the center of everything” in the business district of Chicago. Just around the corner from the wholesale flower market. Two blocks from the wholesale vegetable market. Opposite Marshall Field’s and next door to the shopping district. Within six or eight blocks of all the depots and every car line in the city transfers right to the door. Two blocks to the famous Michigan Avenue and Lake Michigan. Two blocks to the City Hall and Court House. Four blocks to the Financial District and five blocks to the wholesale merchandise warehouses.

When you are in Chicago you are near our office. Drop in to see us. Make our office your headquarters. Have your mail sent in our care. We will do all we can to make your visit to the city a pleasant one.

Don’t forget that we sell good greenhouses and that we are “right in the center of everything.”



1503 Masonic Temple, CHICAGO

Ft. Wayne, Ind.

TRADE SHOWS GENERAL IMPROVEMENT.

With the arrival of Indian summer, business has shown marked improvement and floral work of all kinds has been in demand, and the quality of the flowers has never been better. Chrysanthemums rule the market, and while roses are plentiful the demand is curtailed. Pompons are great favorites and in pot plants the demand is excellent. The call for Hallowe'en flowers was good and funeral work helps considerably.

NOTES.

Judge W. J. Vesey and Will J. Vesey, Jr., will leave this week for Chicago, where they will attend the Grand Floral Festival at the Coliseum, October 9-14. Fine stock in chrysanthemums and roses are arriving on the market from the Vesey greenhouses.

A Chicago firm, of which Mr. Beau-bean is the manager, has opened a new store at 828 Calhoun street, known as the Fort Wayne Flower Shop. Some handsome yellow chrysanthemums and a variety of blooming plants are displayed.

The Bradley Flower Shop have had a good call for decorations. The chrysanthemum stock seen here is excellent, and pompon plants find ready sale.

G. W. Doswell & Co. are showing some exquisite chrysanthemum novelties in baskets. Pompons are also featured in great profusion.

Miss Clara B. Flick of the Flick Floral Co. is attending the flower shows being held at Toledo and Cleveland this week.

H. K.

JAMESTOWN, N. Y.—Gustav Wickstrom contemplates enlarging his range in the near future.

AN INVITATION

WHEN attending the Chicago Grand Floral Festival, do not fail to become acquainted with us.

Our representatives will be in constant attendance at the Coliseum—and a conference regarding the problems of your present greenhouse plant will prove most interesting and instructive.

You are cordially invited to visit our headquarters at Des Plaines (near Chicago), where in our most modernly equipped Foundry, Machine Shop and Wood Mill many important greenhouse jobs are now in preparation.

You owe it to yourself to take this opportunity to realize the superiority of Garland construction.

Garland Manufacturing Company

Specializing in Steel Constructed Houses, Ordinary Wood Purlin Houses, the famous Garland Cast Iron Gutter, Boiler Grates, Hot Bed Sash—all being products of our own Foundry, Machine Shop and Wood Mill.

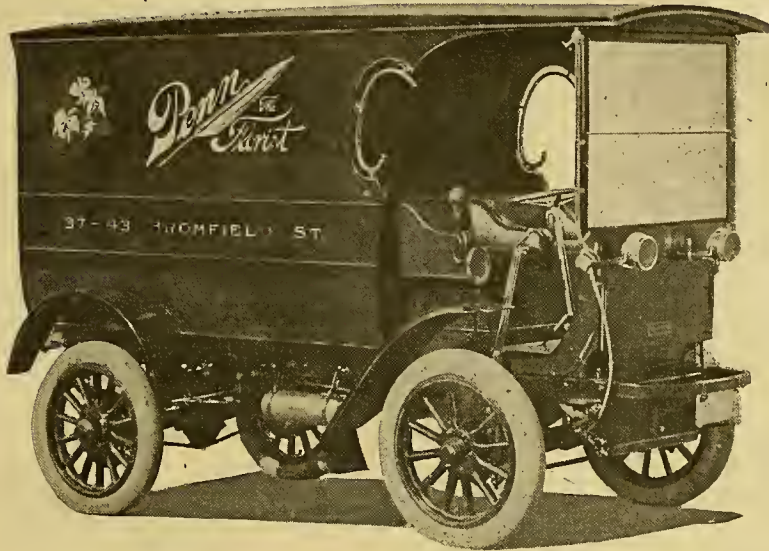
DES PLAINES,

ILLINOIS

The Autocar

"Used in Every Line of Business."

A Business Builder for Florists



ABILITY to cover wide delivery territory quickly means much to the florists' business. The *Autocar*, running 50 to 100 miles daily, doing the work of 4 to 6 horses, at a lower operating cost than horse equipment, has proved itself the ideal florist's vehicle. Henry Penn, 37-43 Bromfield St., Boston, says, under date of November 12, 1914:

"The service rendered by our two *Autocars* continues in the highest degree satisfactory. In three years of service, we have had no trouble to speak of, with either of the cars. We use them on long runs, making deliveries as far as 35 and 45 miles from Boston, but most of our deliveries are within a radius of 6 or 7 miles from the store.

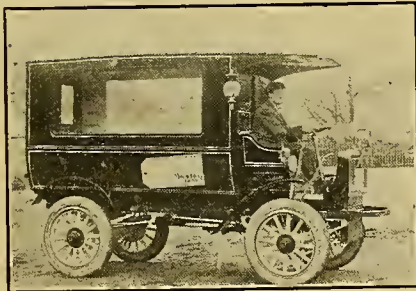
"The number of deliveries that can be made with the car is surprising. In fact, we cover the same

ground with one *Autocar* as we could with three delivery wagons, even though the routes are in various directions. One of our cars recently made 27 stops in less than two hours, leaving the store at 9.80 a.m. and returning at 11.30 a.m., the furthest stop being two miles from the store.

"There is no doubt in my mind that the *Autocar* is the most practical car for delivery service. The upkeep is surprisingly low and the service absolutely reliable."

**Chassis Price
\$1850**

Why not become fully informed on the *Autocar's* work for florists? Write for our new catalogue. Address Dept. T.



Max Schling, New York.



H. H. Battles, Philadelphia.



Hoffman, Boston.



George Wittbold Co., Chicago.

THE AUTOCAR COMPANY, ARDMORE, PA.

Established 1897

Motor Delivery Car Specialists.

Safe - Lasting - Paying Houses

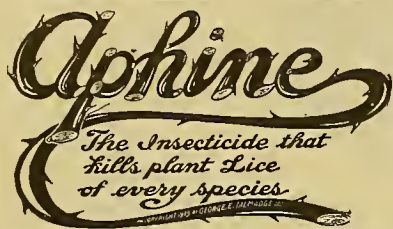


Conveniently Arranged at Reasonable Cost
THIS IS WHAT WE OFFER YOU

Our experience of many years, our exceptional facilities for manufacturing and a prompt and courteous attention to your orders are at your disposal. Write for sketches and estimates.

ICKES-BRAUN MILL CO.

2340 Wabansia Avenue, (near Western and North Aves.), CHICAGO
Greenhouse Material Hardware Hotbed Sash



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrip, mealy bug and soft scale.
Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
Quart, 75c. Gallon, \$2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angia worms.
Quart, \$1.00. Gallon, \$3.00.

SCALINE

A scallicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
Quart, 75c. Gallon, \$1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
Quart, \$1.50. Gallon, \$4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

APHINE MANUFACTURING COMPANY
MADISON, N. J.

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NIKOTEEN

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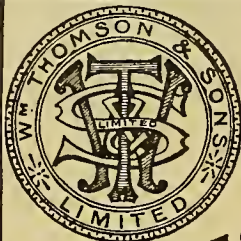
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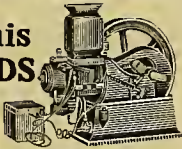
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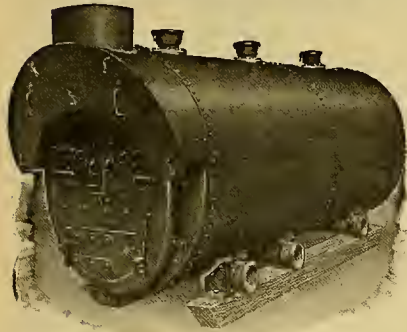
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Vol. XLV.

CHICAGO AND NEW YORK, NOVEMBER 20, 1915.

No. 1433

THE AMERICAN FLORIST

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Fourteenth Annual Exhibition and Convention of the Chrysanthemum Society of America, Cleveland, O., November 10-14.

The Exhibition.

The fourteenth annual meeting and exhibition of the Chrysanthemum Society of America was held at Cleveland, O., November 10-14, under the joint direction of the Ohio Horticultural Society, the Cleveland Florists' Club and the Garden Club of Cleveland, with the fall exhibition of the American Rose Society and a special exhibition of carnations as added features that attracted a record breaking attendance to a most successful show. In fact, the attendance on the opening day was greater than the combined attendance at any like exhibition ever held in that city. Starting at Public Square, and extending out Euclid avenue to East Thirteenth street, thence down that thoroughfare, a lane of trees with arrow-shaped signs on both sides of each tree, bearing the inscription, "This way to the flower Show, Coliseum, November 10-14", attracted the eye of both pedestrians and occupants of vehicles alike, and "blazed the way" to the exhibition hall.

The weather during the show was ideal, just the opposite of what was experienced at the time of the show two years ago, when Cleveland was practically cut off from the rest of the world by the worst snow storm in years. In contrast, Euclid avenue and the short side streets from the Square to Fourteenth street had been decorated with bark and foliage, over 50 florists having been employed therein and almost before the work was completed, the thoroughfare had received the name of "Bay Tree Avenue." Publicity also played an important part in the success of the show, the exhibition being advertised and exploited in every possible way, and to M. A. Vinson, executive secretary, whose business is promoting shows of every description, much credit is due. About 10,000 tickets were sold to manufacturing plants, banks, etc., for

distribution among employes, and the press devoted generous space to the show and its special features. A large number of the members of the Ohio Horticultural Society, who are prominent in business and social life, aided both financially and by giving their patronage, which made the show more or less of a society event, and Mrs. Ella Grant Wilson was very fortunate in getting a number of prominent social leaders to pose for pictures taken with chrysanthemums, these pictures being featured in the daily papers.

The judges were as follows: Chrysanthemums—J. F. Ammann, Edwardsville, Ill., Michael Bloy, Detroit, Mich.; roses—Emil Buettner, Park Ridge, Ill., John H. Dunlop, Toronto, Ont.; carnations—Eugene Dailedouze, Brooklyn, N. Y., Wm. Nicholson, Framingham, Mass.

The Coliseum was admirably adapted for the purpose, and every available inch of its floor space, 65,000 square feet, was covered, leaving only room for aisles. The Chrysanthemum Society of America staged a display estimated at upward of 100,000 blooms, and the individual exhibits, including trade displays, etc., numbered more than 2,000. In the competition between private growers of Ohio for the James W. Corrigan cup valued at \$500, the largest of the cups offered for exhibitors in this class, a splendid display of chrysanthemums staged by Wm. Fisher, gardener to H. S. Firestone, Akron, O., was an easy winner. Great interest also centered around the exhibition of Adolph Lewisohn, Ardsley, N. Y., (John Canning, Supt.), which easily won the \$250 special cup. This entry, a specimen plant, said to be the second largest in the world, was 15 feet in diameter, six feet high, and had more than 1,200 blooms. A special car and a circuitous route, in order to avoid low bridges, was necessary to transport the plant from the Lewisohn greenhouses to Cleveland. Lewisohn entries in several other classes were

OFFICERS OF CHRYSANTHEMUM SOCIETY OF AMERICA.



C. W. Johnson, Secretary.



Wm. Kleinheinz, President.



John N. May, Treasurer.

also noteworthy. *Chrysanthemum Tiger*, a new yellow seedling from *Chrysolora*, introduced by Elmer D. Smith & Co., Adrian, Mich., and named by President Woodrow Wilson, also attracted much attention.

The E. G. Hill Co., Richmond, Ind., captured its full quota of honors, being awarded the C. S. A. silver cup for a fine display of William Turner and the sweepstakes prize for the best 10 blooms of one variety, won with *Odessa*. This company also took first honors in the class for 50 blooms in variety and figured in several other winnings. The sweepstakes for the best 18 blooms was awarded to Frank Allan, Grosse Pointe Farms, Mich. He also won in several other classes, including the special vase of fifteen blooms, three varieties. Other excellent displays were staged by Chas. H. Totty, Madison, N. J.; Elmer D. Smith & Co., Adrian, Mich.; A. N. Pierson, Inc., Cromwell, Conn.; Julius Roehrs Co., Rutherford, N. J.; the Dale Estate, Brampton, Ont., the last named making a fine display of orchids. Hart Bros. and C. C. Knuth, of Euclid, O., made good displays of ferns, while the orchid display of C. B. Raymond of Akron, O., was also excellent.

The retail section was thronged at all times, and the table decorations, corsage bouquets, and other arrangements, showed the skill of the artists and proved very interesting to the visitors. An ankle bouquet, arranged by L. F. Charlesworth, 10,601 Euclid avenue, attracted much attention, and an elaborate decoration by the Jones-Russell Co., in which gold fish and running water were used, was much admired. All of the tables in this section were very good. The Matthews Garden Craft, making garden furniture exclusively, made a good display and Mrs. Price McKinney carried off a long list of prizes, both first and second.

A pleasing feature of the show, and one that made an instantaneous hit, was the tea garden conducted by the women's committee, and from the opening hour until the close of the exhibition, this attractive spot was crowded to its capacity. Refreshments were served at all times while music and



Frank A. Friedley, Vice-President.



Wm. Vert, Vice-President-Elect.

examples of the latest steps in society dancing occupied the stage. A detail of boy scouts assisted in keeping the crowds in line and protected the flowers. Among the novelties to be seen were plants from the Fiji Islands, New Zealand, New Guinea, Java, Arabia, Japan, China, South America, a *Hot-tentot* tree, whose poisonous berries are sure death and a Panama hat palm, all of which proved of interest, especially to nearly 100,000 school children who attended the show during the morning hours through the courtesy of John D. Rockefeller. Excellent displays of fruit and vegetables were staged by the Anna Dean Farms, Barberton, O.; the Woodside Farms, West Park, O., and the City of Cleveland.

The Business Meeting.

The annual meeting of the society was held at the Hotel Hollenden on the evening of November 11, President Wm. Kleinheinz in the chair. The reading of the president's address was the first order of business, and this was followed by the report of the secretary, C. W. Johnson and the report of the treasurer. Both reports were referred to an auditing committee for examination and later accepted.

Elmer D. Smith, of Adrian, Mich., brought up the question of sports and novelties that were renamed, and it was agreed that the secretary should withhold the reports of examining committees on sports until the variety had been submitted to three of the five committees. M. A. J. Loveless spoke of the fine showing of pompons at the exhibition and it was agreed that the society should offer a prize for these varieties at the next exhibition.

The election of officers for the ensuing year resulted as follows: Wm. Kleinheinz, Ogontz, Pa., president; Wm. Vert, Port Washington, L. I., N. Y., vice-president; Chas. W. Johnson, 2134 West 110th street, Chicago, secretary; John N. May, Summit, N. J., treasurer. The invitation of the Pennsylvania Horticultural Society to hold the 1916 meeting and exhibition at Philadelphia was accepted.



SOME OF THE EXHIBITS AT THE CLEVELAND SHOW.

President Kleinheinz's Address.

Fellow Members of the Chrysanthemum Society of America:

It gives me great pleasure to welcome you in the city of Cleveland, at this, the twenty-fifth annual meeting of this society, which was organized in Buffalo, N. Y., in 1890, during the convention of the Society of American Florists. The officers elected were as follows: John Thorpe, president; Wm. K. Harris, vice-president; John Lane, treasurer, and Edwin Lonsdale, secretary. All these gentlemen, I regret, have passed away, but this society is indebted to them forever for organizing and promoting the good of the Chrysanthemum Society of America, which has become, during its existence, a necessity to the chrysanthemum growers; and everyone interested in chrysanthemums should do his best to increase the membership, and thus make this society one of the strongest in America. Everyone should feel it his duty to help. This would prove the most suitable memory to its founders and promoters, and would express our sentiments and appreciation to them forever.

I intended to arrange, if possible, to make this twenty-fifth convention an exceptionally fine chrysanthemum show; but as our financial standing does not justify any extra expenses, I feel that the Ohio Horticultural Society, the Cleveland Florists' Club and the Garden Club of Cleveland have relieved us of a great consideration by extending their kind invitation for our exhibition for 1915 just at the proper



Totty's New Rose Cleveland.
Exhibited and Named at the Cleveland Show.

time. This excellent exhibition proves that the gentlemen from Cleveland have fulfilled their promise given in Indianapolis last year to the fullest extent.

Our secretary reported to me some time ago that he solicited several new members during and after the show of

1914 in Indianapolis. I hope and shall expect that through this exhibition in Cleveland our membership will be considerably enlarged.

Every year the cry is coming up, "The demand for chrysanthemums is waning." With this I cannot agree. All gardening in America, in my opinion, is still in its infancy and everyone knows that range after range of greenhouses for commercial or private purposes are erected every year. In every private place and in every little garden you will find chrysanthemums. Under glass, the large flowering varieties as well as the pompons and singles are grown; outdoors the hardy varieties are installed and used for decorative purposes very extensively and are considered the most beautiful flowers for late season. As a border plant, or mixed with herbaceous, it is the only flower that beautifies the gardens late in the year. The commercial men are able to give figures on the demands for chrysanthemums and the records show that the sale of plants is increased yearly by thousands, and as long as this keeps up there is no danger of this flower becoming unpopular. And why should they become unpopular? The progress we are making you can see yourself by looking over the exhibits. The large flowering type is increased yearly in size; the pompons and singles are superior to the varieties of the past.

In closing, I wish to express my thanks to the trade and to the press for the many courtesies extended for the welfare of the society, and to our competent secretary, Chas. W. John-

son, who places his time and efforts at our disposal whenever needed. I also wish to express my highest appreciation to all those who so liberally offered the prizes, enabling us to form such a complete schedule.

Secretary Johnson's Report.

Mr. President and members of the Chrysanthemum Society of America, your secretary submits his report for the past year as follows:

tion here in Cleveland: Hitchings & Co., New York; Lord & Burnham Co., New York; Elmer D. Smith & Co., Adrian, Mich.; The E. G. Hill Co., Richmond, Ind.; A. N. Pierson, Inc., Cromwell, Conn.; Chas. H. Totty, Madison, N. J.; Vaughan's Seed Store, Chicago, Ill.; H. F. Michell Co., Philadelphia, Pa.; H. W. Buckbee, Rockford, Ill.; Henry A. Dreer, Inc., Philadelphia, Pa.; Wm. Wells & Son, Meretham, Eng.; H. E. Converse, Marion, Mass.;

A detailed report of all money received and paid over to the treasurer accompanies this.

The Banquet.

The spacious banquet hall of the Hollenden hotel was the scene of an enjoyable evening's entertainment Friday when local members of the craft and visiting florists numbering about 500 enjoyed a repast as guests of the flower show committee. The entertainment features arranged for the occasion by Geo. W. Smith, chairman of the entertainment committee, were also excellent, thanks to his efforts. F. R. Williams, of the F. R. Williams Co., acted as toastmaster, and after cordially welcoming the visitors, thanked them for the assistance they had rendered and which aided so materially in making this show such a splendid success, one of the best ever held in this country, as he expressed it, and, as Mr. Dickinson said, in the old country also. A telegram was read from President Patrick Welch of the S. A. F., Boston, Mass., expressing regret at not being able to be present; also one from the Chicago Grand Floral Festival executives extending congratulations. The toastmaster then called upon a number of those present for short talks and Wm. Kleinheinz in responding invited everyone to attend the national flower show to be held in Philadelphia, March 25-April 2, 1916, which will include a meeting of the American Dahlia Society and the American Carnation Society's silver jubilee. Others who spoke were: Herbert Bate, Joseph Hill, S. P. Baldwin, Richard Vincent, Jr., Wm. F. Gude, A. Pochelon, J. F. Ammann, Wm. Nicholson, F. R. Pierson, E. G. Hill, Mrs. Walter Priest, president of the Cleveland Women's Florist Club, and H. P. Knoble. Mr. Knoble outlined the work done in connection with the exhibition and launched a boom for a national flower show to be held in Cleveland in 1918.

The smoker held in the Moose Club hall Saturday, to which all visiting florists and exhibitors were invited, proved an enjoyable event to the 250 or more guests in attendance.

Ladies' Reception.

The reception and musicale tendered the visiting ladies at the Hotel Statler on the evening of November 11 was



SOME OF A. LANGE'S PRIZE WINNERS AT THE CHICAGO SHOW.

He is pleased to report continued progress. The number of seedlings submitted to the examining committees, as you may see by the review of their work in the society's annual report, shows an increase over the preceding year and for many years past. Some of the varieties which received a certificate have upheld the committee's judgment and have gained the favor of the growers. The reports of the examining committees were sent to the trade papers each week as they were received and a final summary of the season's work was published. The trade press very generously printed these and other notices sent to them from time to time, for which we owe to them our vote of thanks.

While our membership has not increased as much as your officers would like, yet we have made considerable gain for the year. Some of the members delinquent with dues, after repeated requests for payment, have been dropped from the roll. Our society has gained greater publicity during the past year.

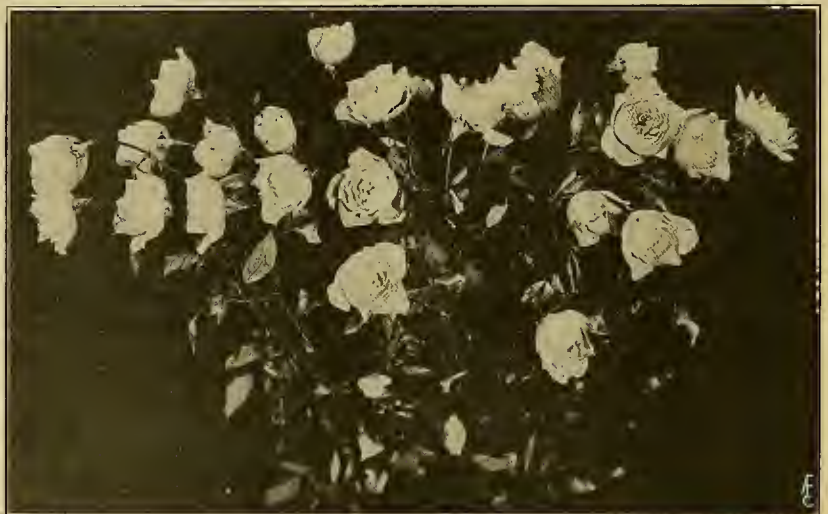
At the invitation of G. A. Dennison, chief of horticulture, Panama-Pacific exposition, San Francisco, Calif., for the society to have a part in a seasonal exhibition of chrysanthemums at the exposition in San Francisco, your secretary presented the matter to the members of the executive committee, who unanimously voted that our society take part in the event and offer a C. S. A. silver cup for the ten best blooms of chrysanthemums, one variety. Consequently your secretary wrote to the Pacific Horticultural Society asking them to join us, which they consented to do, with the result that a very fine exhibition was held, especially so in cut blooms of chrysanthemums.

Your secretary appreciates the kindness of the following firms and individuals for offering the special prizes

at San Francisco and at this exhibition: President Wm. Kleinheinz, Ogontz, Pa.; The National Association of Gardeners and the Society of American Florists and Ornamental Horticulturists. Through the kindness of these our special premium list for this year is larger than it has been before.

The routine work of the secretary's office, consisting of sending out the statements to the members, recording the varieties disseminated, getting out the report of the thirteenth annual meeting and the solicitation of the special premiums, was attended to in due season.

The secretary wishes to acknowledge the kindness of Elmer D. Smith in furnishing him with a complete list of varieties disseminated in 1914, which was a great help in making up the annual report.



E. G. HILL CO.'S NEW ROSE TIPPERARY AT THE CHICAGO SHOW.



CHRYSANTHEMUM SPECIMEN PLANT AT THE CLEVELAND SHOW, 15 FEET IN DIAMETER.

Exhibited by Adolph Lewisohn, Ardsley, N. Y.; J. J. Canning, Supt.

thoroughly enjoyed by those who attended, about 50 in number. A telegram was received from Mrs. George W. Smith, the first ex-president of the Cleveland Woman's Florist Club, containing congratulations. Mrs. Smith is now staying at Ft. Collins for her health.

Bowling Contests.

LADIES' EVENT.

Many handsome awards were presented to the successful contestants in the ladies' bowling match, held on the Erie alleys, November 11. The winners and prizes were as follows:

- 1st—Mrs. F. A. Friedley, electric lamp, presented by the J. M. Gasser Co.
 - 2nd—Mrs. A. Pochelon, ladies' hand bag, prize offered by M. A. Vinson.
 - 3rd—Mrs. J. Henninger, Thermos bottle; Cleveland Cut Flower Co.'s prize.
 - 4th—Mrs. C. A. Myers, crystal bowl; A. Graham & Son's prize.
 - 5th—Mrs. H. P. Knoble, set of vases, presented by the Smith & Fetters Co.
 - 6th—Mrs. C. J. Graham, cut glass rose bowl; Lord & Burnham Co.'s prize.
 - 7th—Miss Ida Merkel, ladies' scarf, offered by Robert Weeks.
 - 8th—Mrs. Naumann, silk umbrella; Cleveland Plant & Flower Co.'s prize.
 - 9th—Mrs. W. C. Priest, mahogany vases, given by Cleveland Florists' Exchange.
 - 10th—Mrs. S. H. Berthold, cut glass comport; F. J. Ritzenthaler's prize.
 - 11th—Miss P. B. Fulmer, purse, given by Naumann & Son.
 - 12th—Miss Eloise D. R. Swinton, silver creamer and sugar, presented by A. M. Albrecht.
- Booby prize—Mrs. Stahelin, box of candy, given by Peter Nichols.

MEN'S TOURNAMENT.

First team prizes, one large and five small cups, presented by the J. M. Gasser Co.—Buffalo, total 2415; high man, C. Sandiford, 531 pins.

Second team prizes, \$25 cash, presented by Cleveland Cut Flower Co.—Rochester, total 2328; high man, W. Glenn, 559 pins.

Cleveland Florists' Exchange prize, \$20, divided between high men on Detroit and Cleveland teams—Detroit, 2270; high man J. Stock, 477 pins; Cleveland 2269; high man H. Knoble, 516 pins.

Most strikes, team or individual, \$5 offered by Herbert Bate—Ben Hart and C. Sandiford tied; 16 each.

Most spares, team or individual, \$5 offered by Herbert Bate—Weeks, Rahaley and Scott, tied; 17 each.

High single game, team or individual, Cleveland Plant & Flower Co.'s prize, \$5 cash—Weeks, 222 pins.

Most splits in three games, team or individual, Cleveland Plant & Flower Co.'s prize, \$5 cash—Hart, Salter and McClure, tied three times.

Highest number of pins in three games—W. Glenn, 559.

INDIVIDUAL AWARDS.

Cash for the awards for individual scores and the alley expenses was donated by the following: C. J. Graham, Brookline Floral Co., the McCallum Co., Carl Hagenburger, Stumpp & Walter Co., A. A. Hart, F. W. Griffin, Fred C. Witthuhn, S. D. Pentecost, C. M. Wagner, Smith & Fetters Co., John Markel, the Storrs & Harrison Co., and John Kirchner. The winners, scores and prizes are as follows:

Ben Hart, 554, \$10; Pantke, 552, \$9; Joe Kolisky, 548, \$8; Weeks, 544, \$7;

Graham, 508, \$6; Balliff, 467, \$5; Rowland, 466, \$4; Critchell, 463, smoking stand; Hampden, 423, card case and chips; Taylor, 389, glass vase.

In the contest for the H. P. Knoble prize, S. A. F. Life membership, between high men on each team and five highest men in the individual contest, C. J. Graham was the winner.

Awards.

Commercial Section.

- Ten blooms chrysanthemums, one variety—E. G. Hill Co., Richmond, Ind., 1st.
 - Ten blooms chrysanthemums, one variety, introductions 1914-15—A. N. Plerson, Inc., Cromwell, Conn., 1st; E. G. Hill Co., 2nd.
 - Twelve blooms chrysanthemums, White Chieftain—Lamborn Floral Co., Alliance, O., 1st; H. Dale, Brampton, Ont., 2nd.
 - Three blooms chrysanthemums, A. S. Baldwin—H. L. Firestone, Akron, O., 1st.
 - Ten blooms chrysanthemums, H. E. Converse—W. H. Duckham, Madison, N. J., 1st.
 - Six vases chrysanthemums, 6 varieties, 3 blooms—Wm. W. Vert, Fort Washington, N. Y., 1st.
 - Ten blooms chrysanthemums, Wm. Kleinheinz—Wm. W. Vert, 1st.
 - Six blooms chrysanthemums, 6 varieties, long stems—Wm. W. Vert, 1st.
 - Twenty sprays any pink single chrysanthemum—E. G. Hill Co., 1st.
 - Twenty sprays any white single chrysanthemum—H. Dale, 1st.
 - Twenty sprays any pink pompon chrysanthemum—H. Dale, 1st.
 - Twenty sprays any yellow pompon chrysanthemum—H. Dale, 1st.
 - Twenty sprays any white pompon chrysanthemum—Mt. Greenwood Cemetery Assn., Morgan Park, Chicago, 1st.
- For sweepstakes of above five classes—E. G. Hill Co.
- Twelve chrysanthemums, 12 varieties, one flower each—Wm. W. Vert, 1st.
- ##### CHRYSANTHEMUMS—PLANTS.
- Specimen Plant Not Less Than Eight-Inch Pot.
- Any color—Cleveland Cut Flower Co., 1st.
 - White—Cleveland Cut Flower Co., 1st.
 - Yellow—Cleveland Cut Flower Co., 1st.
 - Pink—Cleveland Cut Flower Co., 1st.
 - Single—Cleveland Cut Flower Co., 1st.
 - Anemone—Cleveland Cut Flower Co., 1st.
- Sweepstakes, classes 23 to 27—Cleveland Cut Flower Co., 1st.
- Group of chrysanthemum plants—Cleveland Cut Flower Co., 1st.



PETER REINBERG'S FIRST PRIZE MRS. CHAS. RUSSELL ROSES AT THE CHICAGO SHOW.

Vase 25 blooms Ophelia—Rolf Zetlitz, 1st; F. R. Pierson Co., 2nd; E. G. Hill Co., 3rd.
Vase 25 blooms Pink Killarney—J. M. Gasser Co., 1st; Cleveland Cut Flower Co., 2nd; Lamborn Floral Co., 3rd.
Vase 25 blooms White Killarney—J. M. Gasser Co., 1st; A. N. Pierson, Inc., 2nd; Rolf Zetlitz, 3rd.
Vase 25 blooms, any other variety—Cleveland Cut Flower Co., 1st; J. M. Gasser Co., 2nd; Lamborn Floral Co., 3rd.
Sweepstakes, best 25 blooms entered in classes 105 to 114—Chas. H. Totty.
Best vase arrangement of 100 yellow roses—J. M. Gasser Co., 1st; A. N. Pierson, Inc., 2nd.
Vase 100 dark red roses—A. N. Pierson, Inc., 1st; E. G. Hill Co., 2nd; J. M. Gasser Co., 3rd.

CARNATIONS.

One hundred blooms, one variety, introductions of 1914 and 1915—A. N. Pierson, Inc., 1st.
Vase 100 blooms, white—Cottage Gardens Co., Queens, N. Y., 1st; E. G. Hill Co., 2nd; J. M. Gasser Co., 3rd.
Vase 100 blooms, flesh pink—J. M. Gasser Co., 1st; A. N. Pierson, Inc., 2nd; E. G. Hill Co., 3rd.
Vase 100 blooms, light pink—Cottage Gardens Co., 1st; E. G. Hill Co., 2nd.
Vase 100 blooms, dark pink—Cottage Gardens Co., 1st; E. G. Hill Co., 2nd.
Vase 100 blooms, red—E. G. Hill Co., 1st; J. M. Gasser Co., 2nd.
Vase 150 blooms, assorted colors—J. M. Gasser Co., 1st; The Friedley Co., 2nd.
Vase 150 blooms, white—E. G. Hill Co., 1st; Cottage Gardens Co., 2nd; J. M. Gasser Co., 3rd.
Vase 50 blooms, flesh pink—J. D. Thompson Carnation Co., 1st; J. M. Gasser Co., 2nd; Baur & Steinkamp, Indianapolis, Ind., 3rd.
Vase 50 blooms, light pink—E. G. Hill Co., 2nd.
Vase 50 blooms, dark pink—Cleveland Cut Flower Co., 1st; E. G. Hill Co., 2nd; Littlefield & Wyman, North Abington, Mass., 3rd.
Vase 50 blooms, red—E. G. Hill Co., 1st; J. M. Gasser Co., 2nd; J. D. Thompson Carnation Co., 3rd.
Vase 50 blooms, crimson—E. G. Hill Co., 1st; Baur & Steinkamp, 2nd.
Vase 50 blooms, yellow—Baur & Steinkamp, 1st.
Vase 50 blooms, any other color—Littlefield & Wyman, 1st.
Vase 25 blooms, white—Cottage Gardens Co., 1st; Baur & Steinkamp, 2nd; J. M. Gasser Co., 3rd.
Vase 25 blooms, flesh pink—Anna Dean Farm, 1st; J. D. Thompson Carnation Co., 2nd; J. M. Gasser Co., 3rd.
Vase 25 blooms, light pink—Anna Dean Farm, 1st.
Vase 25 blooms, dark pink—Cleveland Cut Flower Co., 1st; Anna Dean Farm, 2nd.

Vase 25 blooms, red—J. M. Gasser Co., 1st; J. D. Thompson Carnation Co., 2nd.
Vase 25 blooms, yellow—J. M. Gasser Co., 1st.
SEEDLINGS AND SPORTS.

Vase 25 blooms, white—Cottage Gardens Co., 1st.
Vase 25 blooms, flesh pink—J. D. Thompson Carnation Co., certificate.
Vase 25 blooms, light pink—Cottage Gardens Co., 1st.
Vase 25 blooms red—E. G. Hill Co., 1st.

GENERAL CLASSES.

Group of stove and greenhouse plants—Julius Roehrs Co., Rutherford, N. J., 1st; Carl Hagenberger, Cleveland, O., 2nd.

VIOLETS.

Two hundred blooms violets, double—Ethan A. Coon, Rhinebeck, N. Y., 1st.
Two hundred blooms violets, single—Carl Hagenberger, 1st.

CYCLAMEN.

Twelve cyclamen—C. Merkel & Son, 1st; H. H. Cade, Youngstown, O., 2nd; Robert Craig Co., Philadelphia, Pa., 3rd.

ANTHURRHINUM.

One hundred spikes anthurrhinum—J. M. Gasser Co., 1st; A. J. Stahelin, Redford, Mich., 2nd.

CALENDULA.

Vase 50 calendula—Cleveland Cut Flower Co., 1st; J. M. Gasser Co., 2nd.

LILY OF THE VALLEY.

One hundred spikes lily of the valley—The Friedley Co., 1st; Cleveland Cut Flower Co., 2nd.
Three 10-inch pans lily of the valley—Julius Roehrs Co., 1st; The Friedley Co., 2nd.

LILIES.

Forty stalks Liliun Giganteum—The Friedley Co., 1st; J. M. Gasser Co., 2nd; Cleveland Cut Flower Co., 3rd.

BEGONIAS.

Six Lorraine begonias—Julius Roehrs Co., 1st.
Six Glory of Cincinnati begonias—Wilson Florist Co., Cleveland, O., 1st; Julius Roehrs Co., 2nd.
Six any other begonias, Lorraine type—C. Merkel & Son, 1st; Julius Roehrs Co., 2nd.

FERNS.

Six Boston ferns—Hart Bros., Cleveland, 1st.
Six Boston sport—F. R. Pierson Co., 1st; Hart Bros., 2nd.
One Boston fern—Hart Bros., 1st; C. B. Knuth, 2nd.
One fern, any Boston sport—Hart Bros., 1st; F. R. Pierson, 2nd.
One fern other than nephrolepis—The Friedley Co., 1st; F. R. Pierson Co., 2nd.

ORCHIDS.

Group of orchid plants in variety—Julius Roehrs Co., 1st.
Display cut orchids—H. Dale, 1st.
Best exhibit of straw flowers—Wyckoff Floral Co., Chagrin Falls, O., 1st.

NON-COMMERCIAL GROWERS' SECTION.

Most meritorious individual exhibit in the show—J. J. Canning.

PLANTS.

Group foliage plants—Woodside Farms, West Park, O., 1st; Mrs. Price McKinney, Wickliffe, O., 2nd; J. L. Severance, Cleveland, 3rd.
Six palms, not less than three varieties—Mrs. Price McKinney, 1st; J. L. Severance, 2nd.
Specimen plant—Mrs. Price McKinney, 1st.
Six pandanus—Woodside Farms, 1st.
Specimen pandanus—J. L. Severance, 1st; Wm. G. Mather, Cleveland, 2nd; Mrs. Price McKinney, 3rd.
Six Boston ferns or sports—Robert Weeks, Cleveland, 1st and 2nd.
One specimen Boston fern or sport—Mrs. Price McKinney, 1st.
Six ferns Adiantum Farleyense—Robert Weeks, 1st.
One specimen Farleyense—Robert Weeks, 1st.
Six ferns, Adiantum Farleyense, Robert Weeks, 1st; Mrs. Chas. A. Otis, Willoughby, O., 2nd.
One specimen Adiantum Croweanum—Robert Weeks, 1st.
Six ferns, any other variety—Mrs. L. Dean Holden, Bratenahl, O., 1st.
Specimen fern, any other variety—J. L. Severance, 1st; Mrs. Price McKinney, 3rd.
Six crotons—Woodside Farms, 1st.
One specimen croton—H. B. Firestone, 1st; Nag-ir-Roe Garden, Wickliffe, O., 2nd.
Six dracaenas—Woodside Farms, 2nd.
Six specimen dracaena—J. L. Severance, 1st.
Six Primula obconica—Wm. G. Mather, 1st; F. E. Drury, 2nd.
Six Primula Forbesia—Wm. G. Mather, 2nd.
Six cyclamen—Mrs. Price McKinney, 1st; F. E. Drury, 2nd.
Six Begonia Lorraine—Adolph Lewisohn, 1st; C. W. Seiberling, Akron, O., 2nd.
Six Begonia Cincinnati—Mrs. Price McKinney, 1st; Wm. G. Mather, 2nd.
Six begonia, any other flowering variety—H. S. Firestone, 1st; Mrs. L. E. Holden, 2nd.

CHRYSANTHEMUM PLANTS.

Group of chrysanthemum plants—F. E. Drury, 2nd.
White—Mrs. Price McKinney, 2nd.
Three specimen plants, any variety—Robert Weeks, 1st.
One specimen—Robert Weeks, 1st.

CHRYSANTHEMUMS—CUT FLOWERS.

Vase 12 white—W. H. Duckham, 1st; L. E. Holden, 2nd.

Vase 12 pink—C. W. Seiberling, 1st; Woodside Farms, 2nd.
 Vase 12 red—E. E. Drury, 1st.
 Vase 6 white—C. W. Seiberling, 1st; Mrs. Chas. A. Otis, Willoughby, O., 2nd.
 Vase 6 yellow—W. H. Duckham, 1st; Mrs. Chas. A. Otis, 2nd.
 Vase 6 pink—W. H. Duckham, 1st; Mrs. L. E. Holden, 2nd.
 Vase 6 red—H. S. Firestone, 1st; C. B. Raymond, Akron, O., 2nd.
 Vase 6 bronze—Frank Allan, 1st; H. S. Firestone, 2nd.
 Best one bloom—Frank Allan, gold medal.
 Vase white, 25 sprays, singles—Robert Weeks, 1st; Chas. W. Euston, Buffalo, N. Y., 2nd.
 Vase pink, 25 sprays, singles—Robert Weeks, 1st.
 Vase yellow, 25 sprays, singles—Robert Weeks, 1st; Mrs. L. Dean Holden, 2nd.
 Vase red, 25 sprays, singles—Robert Weeks, 1st.

Twenty single white chrysanthemums—J. M. Gasser Co., 1st certificate of merit.
 One hundred and fifty sweet peas—J. M. Gasser Co., 1st; The Friedley Co., 2nd.
 One hundred and fifty lily of the valley—The Friedley Co., 1st; Cleveland Cut Flower Co., 2nd.
 Exhibit spireas in flower—John Scheepers Co., Inc., New York, gold medal.

Trade Booths.

The following firms had booths or stands at the Cleveland show:
 A. A. Arnold Paper Box Co., Chicago.
 John Bader Co., Pittsburgh, Pa.
 Bird Lovers' Association, Cleveland, O.
 Geo. H. Bowman & Co., Cleveland, O.
 Morris M. Cohn, New York.
 Robert Craig Co., Philadelphia, Pa.
 H. A. Dreer, Inc., Philadelphia, Pa.
 Eagle Wire Works, Cleveland, O.

C. Merkel & Son, Mentor, O.
 Henry F. Mitchell Co., Philadelphia, Pa.
 John C. Mousing Co., Chicago.
 National Pure Water Co., Cleveland, O.
 Naumann Co., Cleveland, O.
 Joseph G. Neidinger, Philadelphia, Pa.
 H. V. Pearce, Detroit, Mich.
 S. S. Pennock-Meehan Co., Philadelphia, Pa.
 The Peters & Reed Pottery Co., So. Zanesville, O.
 M. Rice Co., Philadelphia, Pa.
 F. B. Pierson Co., Tarrytown, N. Y.
 A. L. Randall Co., Chicago.
 Reed & Keller, New York.
 Chas. Reep, North Olmsted, O.
 M. Rice Co., Philadelphia, Pa.
 Richmond Cedar Works, Richmond, Va.
 Julius Roehrs Co., Rutherford, N. J.
 Russin & Harding, New York.
 Sherwood Potteries, New Brighton, Pa.
 John Scheepers, New York.
 J. L. Schiller, Toledo, O.
 Seibloss Bros., New York.
 Sixth City Wire Works, Cleveland, O.
 Skinner Irrigation Co., Troy, O.
 Joseph N. Stern Co., Cleveland, O.
 Storrs & Harrison Co., Painesville, O.
 Stump & Walter Co., New York.
 The Tajini Co., New York.
 Chas. H. Totty, Madison, N. J.
 B. Hammond Tracy, Wenham, Mass.
 Vaughan's Seed Store, Chicago.
 Wertheimer Bros., New York.

The Visitors.

The following is a list of the trade visitors who registered at the Cleveland show:
 W. H. Acklan, Madison, N. J.
 W. A. Adams, Warren, O.
 F. H. Adgate, Warren, O.
 R. E. Adgate, Pittsburgh, Pa.
 N. Ahern, Mt. Vernon, O.
 Milton Alexander, New York.
 Mrs. H. J. Alford, Harrietsville, O.
 H. J. Alfred, Harrietsville, O.
 Frank Allen, Grosse Pointe Farms, Mich.
 E. J. Alt, Brampton, Ont.
 Fred Altknecht, Wickliffe, O.
 J. F. Ammann, Edwardsville, Ill.
 E. J. Andley, Parkersburg, W. Va.
 H. J. Anderson, Cromwell, Conn.
 S. A. Anderson, Buffalo, N. Y.
 Miss Margaret Arlin, Bellevue, O.
 R. C. Arlin, Bellevue, O.
 Mrs. R. C. Arlin, Bellevue, O.
 Fred Arnold, Cambridge, O.
 Mrs. Fred Arnold, Cambridge, O.
 Ed. R. Asmus, Closter, N. J.
 Geo. Asmus, Chicago.
 A. H. Austin, Wayland, O.
 Mrs. A. H. Austin, Wayland, O.
 Harry Balsley, Detroit, Mich.
 Mrs. Harry Balsley, Detroit, Mich.
 E. Banwater, New York.
 Geo. A. Barber, Beloit, O.
 F. G. Barker, New Brighton, Pa.
 John Barnett, Sewickley, Pa.
 Chas. E. Barton, Norwalk, O.
 Mrs. Chas. E. Barton, Norwalk, O.
 Guy Bate, Newton Falls, O.
 Alfred Bauer, Erie, Pa.
 Chas. L. Baum, Knoxville, Tenn.
 A. F. J. Baur, Indianapolis, Ind.
 A. J. Baur, Erie, Pa.
 E. A. Bause, Wickliffe, O.
 E. J. Bayer, Toledo, O.
 I. M. Bayersdorfer, New York.



ANTON THEN'S NEW SEEDLING CARNATION NO 701 AT THE CHICAGO SHOW.

Vase bronze, 25 sprays, singles—Robert Weeks, 1st.
 Vase 25 sprays pompous, white—Robert Weeks, 1st.
 Vase 25 sprays pompous, pink—Robert Weeks, 1st.
 Vase 25 sprays pompon, yellow—Robert Weeks, 1st; H. S. Firestone, 2nd.
 Vase 25 sprays pompous, red—Robert Weeks, 1st.
 Vase 25 sprays pompon, bronze—Chas. W. Euston, 1st; Robert Weeks, 2nd.
 Sweepstakes, classes 257 to 261, Robert Weeks.

PRIVATE GROWERS OF OHIO.

Thirty-six blooms chrysanthemums, 6 varieties, 6 blooms each—H. S. Firestone, silver cup.

ORCHIDS.

Three orchid plants in bloom—C. B. Raymond, Akron, O., 1st.
 Six cypripediums—Wm. G. Mather, 1st; Mrs. Chas. A. Otis, 2nd.
 Six orchid plants, 6 varieties—C. B. Raymond, 1st.
 Display of cut orchids—Chas. W. Euston, 1st; C. B. Raymond, 2nd.

ROSES.

Vase 12 red—H. S. Firestone, 1st.
 Vase 12 white—Mrs. L. E. Holden, Cleveland, O., 1st.
 Vase 12 pink—Mrs. Price McKinney, 1st; Mrs. L. E. Holden, 2nd.
 Vase 12, any other color—H. S. Firestone, 1st.
 Sweepstakes, classes 269 to 272—Firestone Garden.

VEGETABLES.

Display 10 plates vegetables—Anna Dean Farm, silver cup; Mrs. Chas. A. Otis, 2nd.
 Display 6 plates salads—Woodside Farms, 1st; Robert Weeks, 2nd.

FRUITS.

Display 6 plates outdoor fruits—Woodside Farms, 1st.
 Display 10 plates fruits—Woodside Farms, 1st.

SPECIAL.

Six flowering plants in variety—Wm. G. Mather, 1st; J. L. Severance, 2nd.
 Most curious plant, any variety in the exhibition—Mrs. Price McKinney, 1st.
 Five 10-inch pots lily of the valley—Nagler-Roe Garden, gold medal; C. Otis, certificate of merit.
 Twelve pots pausies, 6-inch—Louis Westenberg, Warrensville, O., 1st.

— Falkenheim, New York.
 R. & J. Farquhar & Co., Boston, Mass.
 Florists' Exchange, New York.
 Fowler Mfg. Co., Cleveland, O.
 The Grasselli Chemical Co., Cleveland, O.
 Frank Gompf, Cleveland, O.
 Hammond's Pt. & Slug Shot Wks, Beacon, N. Y.
 Hitchings & Co., Elizabeth, N. J.
 Kentucky Tobacco Products Co., Louisville, Ky.
 Kroeschell Bros. Co., Chicago.
 Leopold Furniture Co., Cleveland, O.
 Lion & Co., New York.
 Mentor Nurseries, Cleveland, O.



C. H. FREY'S NEW CARNATION NEBRASKA AT THE CHICAGO SHOW.



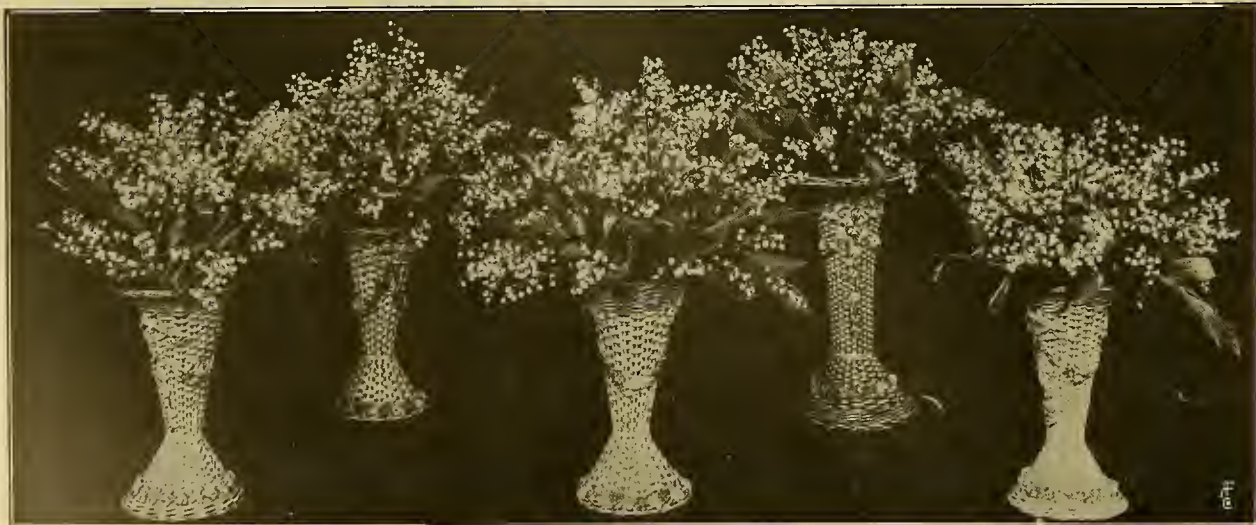
BASSETT & WASHBURN'S NEW SEEDLING CARNATION BELLE WASHBURN AT THE CHICAGO SHOW.

Sidney F. Beard, Detroit, Mich.
 Carl Becherer, Diemont, Pa.
 N. E. Beck, Massillon, O.
 R. H. Beerhorst, Sassenheim, Holland.
 H. M. Berner, Chicago.
 L. J. Berger, Philadelphia, Pa.
 C. P. Berkley, Harrisburg, Pa.
 O. Bernards, New York.
 H. G. Berning, St. Louis, Mo.
 Mrs. H. G. Berning, St. Louis, Mo.
 Irwin Bertermann, Indianapolis, Ind.
 Mrs. Irwin Bertermann, Indianapolis, Ind.
 Bert Bery, Barberton, O.
 C. Betscher, Canal Dover, O.
 Ed. R. Betz, Toledo, O.
 E. H. Bevington, Kent, O.
 Mrs. H. Bevington, Kent, O.
 L. G. Bidwell, Kinsman, O.
 Louis R. Biehl, Pittsburgh, Pa.
 Otto Bindel, Akron, O.
 Mrs. Otto Bindel, Akron, O.
 J. A. Bissinger, Lansing, Mich.
 W. P. Blackman, West Park, O.
 B. C. Blake, Springfield, O.
 B. H. Blake, Toledo, O.
 H. L. Blind, Evans City, Pa.
 R. E. Blackshaw, Chicago.
 Michael Bloy, Detroit, Mich.
 Ed H. Blind, Pittsburgh, Pa.
 Henry Bockenamp, Barberton, O.
 Chas. F. Bohn, Indianapolis, Ind.
 E. S. Boland, Rochester, N. Y.
 Jas. E. Bonsall, Salem, O.
 J. C. Botzma, Akron, O.
 Mrs. J. C. Botzma, Akron, O.
 L. Jules Bourdet, St. Louis, Mo.
 A. E. Bousig, Sewickley, Pa.
 Louis Branch, Medina, O.
 Mrs. G. P. Brand Chagin Falls, O.
 S. C. Brendell, Marion, Ill.
 Fred Breitmeyer, Mt. Clemens, Mich.
 Philip Breitmeyer, Detroit, Mich.
 Albert Brigg, Pittsburgh, Pa.
 Chas. Brown, Canton, O.
 Thos. F. Brown, Greenfield, Mich.
 F. M. Brownelle, Columbus, O.
 Fred Brucher, Akron, O.
 Mrs. Fred Brucher, Akron, O.
 Fred Bruening, St. Louis, Mo.
 Chas. P. Brunner, Springfield, O.
 C. Buckhard, Youngstown, O.
 Emil Buettner, Chicago.
 Fred Burkl, Pittsburgh, Pa.
 Emil Burkland, Warren, O.
 H. H. Cade, Youngstown, O.
 Jas. W. H. Campbell, New York.
 John Canning, Aidsley, N. Y.
 J. M. Carey, Detroit, Mich.
 I. C. Carpenter, Toledo, O.
 J. Carter, Akron, O.
 C. E. Cave, Barberton, O.
 Louis Charvatt, Detroit, Mich.
 G. Christman, North Olmsted, O.
 Wilbur A. Christy, Warren, O.
 Mrs. John Coleman, Lexington, O.
 Mrs. Chas. N. Cotter, Jamestown, N. Y.
 E. A. Coe, Barberton, O.

Jas. Clar, Aidsley, N. Y.
 M. B. Clawson, Painesville, O.
 N. R. Cobb, New York.
 Frank Cohen, New York.
 Morris Cohn, New York.
 L. Cole, Battle Creek, Mich.
 John Coleman, Lexington, O.
 J. E. Cooper, Brampton, Ont.
 Elias Cope, Toledo, O.
 Carl Cowgill, Alliance, O.
 J. R. Cowgill, Canton, O.
 V. A. Cowgill, Salem, O.
 Geo. H. Cossell, Altoona, Pa.
 Harry Cossell, Altoona, Pa.
 Chas. N. Cotter, Jamestown, N. Y.
 Robert W. Craig, Philadelphia, Pa.
 Wm. P. Craig, Philadelphia, Pa.
 Geo. Cramer, Rochester, N. Y.
 M. Crawford, Cuyahoga Falls, O.
 C. E. Critchell, Cincinnati, O.
 Jos. H. Cunningham, Delaware, O.
 Mrs. Jos. H. Cunningham, Delaware, O.
 Thos. H. Cunningham, New Castle, Pa.
 M. Curran, Sewickley, Pa.
 Earl B. Current, Lexington, Ky.
 E. Dailleouze, New York.
 Paul Dailleouze, Brooklyn, N. Y.
 Ray Dasehbaeh, Pittsburgh, Pa.
 H. B. Davis, Barberton, O.
 J. H. Dayton, Painesville, O.
 J. B. Deamnd, New York.
 Mrs. Mabel Denhurst, Elyria, O.
 H. W. Denies, Akron, O.
 W. G. Denies, Akron, O.
 W. D. Desmond, Minneapolis, Minn.
 N. C. Detlin, Painesville, O.
 W. N. Deyer, Oil City, Pa.
 J. Harrison Dick, New York.
 John Dickman, Wheeling, West Va.
 A. Dietsch, Chicago.
 Wm. Dilger, Detroit, Mich.
 Julius Dillhoff, New York.
 Mrs. C. B. Doebel, Norwalk, O.
 Chas. A. Dow, Mansfield, O.
 J. N. Dunlop, Toronto, Ont.
 Chas. W. Easton, Buffalo, N. Y.
 A. E. Eastwood, Alliance, O.
 D. B. Edwards, Atlantic City, N. J.
 B. L. Elliott, Pittsburgh, Pa.
 Frank Eitor, Richmond, Ind.
 G. Endress, New Philadelphia, O.
 L. P. Endress, New Philadelphia, O.
 W. J. Engel, Columbus, O.
 Mrs. W. N. Esch, Fremont, O.
 John A. Evans, Richmond, Ind.
 E. O. Everhard, Wadsworth, O.
 Chas. Farber, Freeport, N. Y.
 Frank Farney, Philadelphia, Pa.
 C. A. Farnsworth, Galion, O.
 C. W. Faust, Canton, O.
 Chas. F. Feast, Baltimore, Md.
 Miss Ferguson, Sandusky, O.
 E. A. Fetters, Detroit, Mich.
 Ed. M. Fischer, Youngstown, O.
 Wm. Fisher, Akron, O.
 Frank Fittner, Detroit, Mich.

C. B. Flick, Ft. Wayne, Ind.
 Harry Flickinger, Barberton, O.
 P. J. Foley, Chicago.
 J. H. Ford, Ravenna, O.
 J. R. Fotheringham, Cromwell, Conn.
 S. J. Frampton, Pittsburgh, Pa.
 Horace Frank, Dayton, O.
 David Fraser, Pittsburgh, Pa.
 R. Frazer, Grosse Pointe Farms, Mich.
 G. L. Freeman, Fall River, Mass.
 Mrs. J. B. Freeman, Toledo, O.
 Theo. S. Freyer, New York.
 E. A. Freyling, Grand Rapids, Mich.
 A. Frishkom, Pittsburgh, Pa.
 J. C. Fruch, Saginaw, Mich.
 P. B. Fulmer, Des Moines, Ia.
 R. E. Fulton, Montpelier, O.
 E. N. Gaehring, Philadelphia, Pa.
 Geo. P. Gause, Richmond, Ind.
 Fred Gear, Cincinnati, O.
 D. S. Geddis, St. Louis, Mo.
 Ed. George, Painesville, O.
 Geo. M. Geraghty, Toronto, Ont.
 A. Germid, Akron, O.
 H. T. Gilbert, Warren, O.
 Mrs. H. T. Gilbert, Warren, O.
 E. Glanson, Toledo, O.
 H. L. Glenn, Rochester, N. Y.
 W. L. Glenn, Rochester, N. Y.
 Wm. Gloeckner, Albany, N. Y.
 H. F. Goetz, Saginaw, Mich.
 Jos. R. Goldman, Middletown, O.
 Frank Good, Springfield, O.
 Jos. J. Goudy, Philadelphia, Pa.
 H. B. Granger, Tekonsha, Mich.
 S. D. Green, Philadelphia, Pa.
 Robt. Greenslaw, Philadelphia, Pa.
 Bertha Grist, Pittsburgh, Pa.
 E. A. Grohman, Saginaw, Mich.
 R. E. Grohman, Saginaw, Mich.
 A. Gude, Washington, D. C.
 W. F. Gude, Washington, D. C.
 W. F. Gude, Jr., Washington, D. C.
 C. F. Guenther, Hammond, N. Y.
 F. T. Gum, Salem, O.
 E. A. Gunthy, St. Louis, Mo.
 Mrs. E. A. Gunthy, St. Louis, Mo.
 C. E. Gurton, Bradford, Pa.
 F. F. Gurton, Bradford, Pa.
 Ernest Guter, Pittsburgh, Pa.
 A. J. Guttman, New York.
 Geo. Hackler, Sandusky, O.
 C. T. Hale, East Orange, N. J.
 M. Chas. Hale, East Orange, N. J.
 J. B. Hall, Clyde, O.
 E. F. Hallen, Pittsburgh, Pa.
 Mrs. E. F. Hallen, Pittsburgh, Pa.
 Wm. Hammerschmitt, Medina, O.
 Benjamin Hammond, Beacon, N. Y.
 G. Hampton, Philadelphia, Pa.
 Jas. Hanke, Charlevoix, Pa.
 Miss A. Hardesty, Columbus, O.
 John G. Harris, Pittsburgh, Pa.
 W. C. Harrison, Painesville, O.
 Mrs. W. C. Harrison, Painesville, O.
 Geo. B. Hart, Rochester, N. Y.

- R. B. Hayes, Shelby, O.
 Henry Heil, Pittsburgh, Pa.
 Harry Heini, Toledo, O.
 F. W. Heinz, Sharon, Pa.
 B. R. Hellenthal, Columbus, O.
 I. S. Hendrickson, Flowerfield, N. Y.
 L. J. Henes, Amherst, O.
 C. D. Hennon, New Castle, Pa.
 A. W. Hern, Zanesville, O.
 Dana R. Herroa, Olean, N. Y.
 H. Hesluf, Grosse Pointe Farms, Mich.
 E. G. Hill, Richmond, Ind.
 Jos. H. Hill, Richmond, Ind.
 Fred Hochstaw, Grand Rapids, Mich.
 H. W. Hoffman, Mansfield, O.
 Larry Holland, Philadelphia, Pa.
 D. L. Hollinger, Akron, O.
 Mrs. D. L. Hollinger, Akroo, O.
 Elbert Holmes, Montrose, Mass.
 Frank Holzappel, Detroit, Mich.
 W. E. Holzstein, Comcaut, O.
 W. Honeysett, Erie, Pa.
 O. P. Horton, Clyde, O.
 C. H. Hotchkiss, Cuyaboga Falls, O.
 Myron H. Houghton, Detroit, Mich.
 E. L. Houghton, Jr., Detroit, Mich.
 Chas. Howard, Warrensville, O.
 H. B. Howard, Chicago.
 Sadie C. Howard, Jamestown, N. Y.
 M. H. Howatb, Mentor, O.
 C. A. Hudson, Beacon, N. Y.
 W. T. Hughes, Beloit, Wis.
 Aug. H. Hummert, St. Louis, Mo.
 H. V. Hunkel, Milwaukee, Wis.
 Edmund Hunt, Sharon, Pa.
 Mrs. Edmund Hunt, Sharon, Pa.
 H. D. Hunt, Mansfield, O.
 Mrs. H. D. Hunt, Mansfield, O.
 R. E. Huntington, Painesville, O.
 Mrs. R. E. Huntington, Painesville, O.
 L. Hurb, Cuyaboga Falls, O.
 John D. Imlay, Zanesville, O.
 Arthur G. Imoberstag, Toledo, O.
 Fred Jacobs, Alliance, O.
 J. B. Jacobson, New York.
 Adolph Jaenicke, St. Louis, Mo.
 Walter James, Philadelphia, Pa.
 Robt. W. Jean, Detroit, Mich.
 O. C. Johns, Akron, O.
 Chas. W. Johnson, Chicago.
 F. C. Jones, Warren, O.
 E. E. Jones, Richmond, Ind.
 F. H. Joy, Nashville, Tenn.
 H. Juug, Indianapolis, Ind.
 J. J. Karins, Philadelphia, Pa.
 G. A. Karper, Asbland, O.
 M. Karpinski, Buffalo, N. Y.
 R. G. Kartz, Cincinnati, O.
 Wm. F. Kasting, Buffalo, N. Y.
 Geo. W. Kay, Youngstown, O.
 Henry Keife, Akron, O.
 Chas. H. Keitsch, Buffalo, N. Y.
 W. J. Keimel, Elmhurst, Ill.
 Roy H. Kemble, Oskaloosa, Ia.
 C. W. Kennedy, Oil City, Pa.
 Maurice C. Kent, Newark, O.
 Cbas. L. Kim, Alliance, O.
 J. B. King, Willoughby, O.
 Mrs. J. B. King, Willoughby, O.
 F. W. King, Detroit, Mich.
 Geo. Kinsinger, Erie, Pa.
 Robt. Klage, Mt. Clemens, Mich.
 Mrs. Robt. Klage, Mt. Clemens, Mich.
 Wm. Kleinheinz, Ogontz, Pa.
 Mrs. Otto Knapp, Lodi, O.
 F. J. Knecht, Ft. Wayne, Ind.
 A. Kneisel, Toledo, O.
 Chas. Knight, New York.
 Mrs. Gus Knock, Detroit, Mich.
 Frank R. Kauth, Canton, O.
 R. G. Koenig, Elmira, N. Y.
 Wm. E. Krelscher, Detroit, Mich.
 P. H. Kreschell, Chicago.
 H. W. Kropp, Columbus, O.
- Mrs. H. W. Kropp, Columbus, O.
 Otto Krueger, Toledo, O.
 Wm. F. Krueger, Toledo, O.
 N. H. Kruse, St. Louis, Mo.
 E. A. Kubake, Toledo, O.
 E. F. Kurowski, Chicago.
 Mrs. L. L. Lamborn, Alliance, O.
 A. C. Lamprecht, Ashland, O.
 Mrs. A. C. Lamprecht, Ashland, O.
 Arthur Langhans, Wheeling, W. Va.
 F. P. Langhans, Pittsburgh, Pa.
 V. F. Lantz, Chicago.
 C. L. Larson, Canton, O.
 F. Lautenschlager, Chicago.
 John Laver, Erie, Pa.
 E. W. Lawton, Wickliffe, O.
 Ollie Leach, Pittsburgh, Pa.
 Arthur C. Leedle, Springfield, O.
 M. A. Leganger, Chicago.
 F. L. Lembke, Chicago.
 Geo. M. Letherman, Canton, O.
 O. W. Leuschner, Barberton, O.
 Jasper R. Lewis, New York.
 O. A. Lich, Orville, O.
 Robt. Lille, Grosse Pointe Farms, Mich.
 Carl Lindroth, Pittsburgh, Pa.
 H. Ling, Ashtabula, O.
 E. M. Lintott, Mansfield, O.
 Mrs. E. M. Lintott, Mansfield, O.
 S. Littlefield, North Abington, Mass.
 Robt. Livingston, Columbus, O.
 Daniel B. Long, Buffalo, N. Y.
 Paul Lovas, Buffalo, N. Y.
 Alfred J. Loveless, Lenox, Mass.
 Miss Charlotte Loveridge, Peoria, Ill.
 Miss Florence Loveridge, Peoria, Ill.
 Chas. Loveridge, Peoria, Ill.
 DeForest Ludwig, Pittsburgh, Pa.
 E. C. Ludwig, Pittsburgh, Pa.
 Mrs. E. C. Ludwig, Pittsburgh, Pa.
 Gilbert Ludwig, Pittsburgh, Pa.
 Mrs. Gilbert Ludwig, Pittsburgh, Pa.
 Gustav Ludwig, Pittsburgh, Pa.
 J. Ludwig, Pittsburgh, Pa.
 T. J. Ludwig, Columbus, O.
 Edw. J. McCallum, Pittsburgh, Pa.
 J. P. McCarthy, Boston, Mass.
 Jas. McCarty, Pittsburgh, Pa.
 George N. McClere, Buffalo, N. Y.
 T. N. McConnell, Pittsburgh, Pa.
 N. P. McFarland, Akron, O.
 Ed. L. McGrath, Pittsburgh, Pa.
 Chas. E. McGrath, New Castle, Pa.
 F. R. MacLins, Rochester, N. Y.
 R. S. McMurray, Bellefontaine, O.
 Chas. D. Macbie, Cromwell, Conn.
 Thos. Magee, Toledo, O.
 J. W. Mallinsou, Rutherford, N. J.
 E. H. Mann, Richmond, Ind.
 George Mannz, New York.
 W. H. Mansfield, Lockport, N. Y.
 J. Marks, Chicago.
 Geo. W. Marshall, Pittsburgh, Pa.
 W. E. Marshall, New York.
 H. E. Mast, Millersburg, O.
 Miss Matern, Sandusky, O.
 W. G. Matthews, Dayton, O.
 J. E. Matthewson, Sheboygan, Wis.
 J. Maus, Sandusky, O.
 Harry O. May, Summit, N. J.
 Wm. Meine, Youngstown, O.
 George Menschke, Pittsburgh, Pa.
 Henry Menschke, Pittsburgh, Pa.
 E. F. Mentrich, Buffalo, N. Y.
 John Merkel, Mentor, O.
 Earle N. Metz, Toledo, O.
 B. S. Meyers, Lancaster, N. Y.
 Chas. H. Meyer, New York.
 Frank P. Meyers, Philadelphia, Pa.
 H. Meyers, Akron, O.
 A. Miller, Chicago.
 F. L. Miller, Alliance, O.
 Mrs. H. Miller, Alliance, O.
 Willis R. Miller, Erie, Pa.
- Mansfield Milton, Youngstown, O.
 Herbert Morgan, Barberton, O.
 M. R. Morgan, Pittsburgh, Pa.
 Carry Moore, Fremont, O.
 Fred Moore, Dayton, O.
 Jas. Moore, Pittsburgh, Pa.
 C. J. Mullen, Ravenna, O.
 J. A. Muller, Rutherford, N. J.
 F. W. Muncie, Champaign, Ill.
 E. R. Monk, Columbus, O.
 A. M. Munstraw, New York.
 J. E. Murphy, Sewickley, Pa.
 P. K. Murphy, Ashtabula, O.
 Roger Murphy, Urbana, O.
 W. Ray Murphy, Cincinnati, O.
 Frank Murray, Boston, Mass.
 George H. Murchie, Sharon, Pa.
 John Murchie, Sharon, Pa.
 C. A. Musser, Doylestown, O.
 Walter Mustoo, Toronto, Ont.
 Eugene Myers, Altoona, Pa.
 A. S. Netting, Mansfield, O.
 Robert Newcomb, Chicago.
 W. R. Nicholson, Framingham, Mass.
 Henry G. Norton, Perry, O.
 F. A. Odin, Minerva, O.
 Chas. Offerle, Erie, Pa.
 Mrs. Chas. Offerle, Erie, Pa.
 W. O. Ohweiler, St. Louis, Mo.
 Mrs. L. A. Oldham, Cambridge, O.
 Miss Oldham, Cambridge, O.
 J. H. Orth, McKeesport, Pa.
 Arthur Ovebel, Norwalk, O.
 Mark Palmer, Buffalo, N. Y.
 T. F. Palmer, Findlay, O.
 Peter Papes, Detroit, Mich.
 John Parrish, Richmond, Va.
 Fred Pautke, Grosse Pointe Farms, Mich.
 Wm. J. Peake, Buffalo, N. Y.
 H. V. Pearce, Detroit, Mich.
 E. Allan Pierce, Walbham, Mass.
 W. E. Pennick, Wooster, O.
 Mrs. W. E. Pennick, Wooster, O.
 S. S. Pennock, Philadelphia, Pa.
 L. A. Perkins, West Mentor, O.
 Mrs. G. W. Phillip, Erie, Pa.
 A. N. Pierson, Cromwell, Conn.
 F. R. Pierson, Tarrytown, N. Y.
 Mrs. A. E. Pioney, Ithaca, N. Y.
 Wallace R. Pierson, Cromwell, Conn.
 C. E. Pioney, Louisville, Ky.
 S. P. Pike, Ravenna, O.
 S. T. Pletcher, Zanesville, O.
 Albert Pochelon, Detroit, Mich.
 A. Pollard, Canton, O.
 T. J. Pulski, Buffalo, N. Y.
 C. C. Pollworth, Milwaukee, Wis.
 Mrs. C. C. Pollworth, Milwaukee, Wis.
 M. V. Quigley, Zanesville, O.
 Robt. M. Rahaley, Detroit, Mich.
 Chas. W. Reep, North Olmsted, O.
 G. B. Reichley, Bellevue, O.
 W. B. Reid, Kansas City, Mo.
 F. B. Reig, Akron, O.
 Frank Reiman, Indianapolis, Ind.
 Martin Renkauff, Philadelphia, Pa.
 W. Reynolds, Akron, O.
 L. J. Reuter, Westerly, R. I.
 Wm. C. Richard, New York.
 Frank Riley, Akron, O.
 Miss Rinemeyer, Sandusky, O.
 Wm. L. Rock, Kansas City, Mo.
 J. W. Rodgers, Dayton, O.
 Julius Roehrs, Rutherford, N. J.
 Jacob Roessler, Pittsburgh, Pa.
 K. Rolkes, Rutherford, N. J.
 E. C. Romona, Pittsburgh, Pa.
 Mrs. E. C. Romona, Pittsburgh, Pa.
 Samuel M. Rosenfeld, New York.
 I. Rosnosky, Philadelphia, Pa.
 J. D. Roth, Sandusky, O.
 Mrs. J. D. Roth, Sandusky, O.
 A. Rusconi, Cincinnati, O.



BRUNS' FIRST PRIZE LILY OF THE VALLEY AT THE CHICAGO SHOW.



CUDAHY FLORAL CO.'S FIRST PRIZE VASE OF AMERICAN BEAUTY ROSES AT THE CHICAGO SHOW.

J. F. Rychlik, Painesville, O.
 Mrs. J. F. Rychlik, Painesville, O.
 A. Rynweld, Lisse, Holland.
 J. F. Scharanski, Kenton, O.
 N. J. Sager, Philadelphia, Pa.
 Geo. C. Saltford, Pongkeepsie, N. Y.
 Jas. Salmon, Akron, O.
 Miss Salmon, Akron, O.
 A. H. Salter, Rochester, N. Y.
 Chas. Sandiford, Buffalo, N. Y.
 Martin Santman, Philadelphia, Pa.
 Milton Schlinka, New York.
 Andreas Schmidt, Youngstown, O.
 August Schmitt, Youngstown, O.
 G. Schmidt, Youngstown, O.
 Gustave Schneider, Springfield, O.
 Geo. B. Schramm, Toledo, O.
 Charles Schwake, New York.
 R. Schwerdtfegen, Akron, O.
 Ed. Schwerdtfegen, Akron, O.
 Mrs. Schwerdtfegen, Akron, O.
 R. A. Scott, Buffalo, N. Y.
 Samuel Seligman, New York.
 F. E. Selkregg, North East, Pa.
 Jos. Selkregg, North East, Pa.
 H. C. Sheaff, Philadelphia, Pa.
 M. Shenk, Detroit, Mich.
 Chas. Seibert, Hicksville, O.
 F. Seibert, Toledo, O.
 W. H. Siever, Buffalo, N. Y.
 Mrs. W. H. Siever, Buffalo, N. Y.
 H. Sievert, Grosse Pointe Farms, Mich.
 A. F. Simmons, Geneva, O.
 J. S. Simmons, Toronto, Ont.
 S. S. Skidelsky, Philadelphia, Pa.
 A. W. Smith, Pittsburgh, Pa.
 A. W. Smith, Jr., Pittsburgh, Pa.
 Elmer D. Smith, Adrian, Mich.
 Mrs. Elmer Smith, Adrian, Mich.
 Henry Smith, Grand Rapids, Mich.
 Leo. Smith, Gasport, N. Y.
 N. J. Smith, Pittsburgh, Pa.
 Ralph F. Smith, Nashville, Tenn.
 F. H. Southouse, West Park, O.
 F. L. Southack, N. West Park, O.
 Max Spanner, Toledo, O.
 J. B. Spacet, Rochester, N. Y.
 A. M. Stackhouse, Minerva, O.
 A. J. Stachelin, Redford, Mich.
 Mrs. A. J. Stachelin, Redford, Mich.
 W. R. Stanford, Oil City, Pa.
 Geo. Stanley Wehdren, Wheeling, W. Va.
 Wilfred B. Steane, Chesterland, O.
 Mrs. F. J. Stehle, Lorain, O.
 John E. Stetzig, Bellefontaine, O.
 Joseph Streit, Detroit, Mich.
 T. E. Stroup, New Philadelphia, Pa.

Frank Stuppy, St. Joseph, Mo.
 C. E. Stubldreher, Mansfield, O.
 L. D. Stubldreher, Mansfield, O.
 E. E. Stewart, Brooklyn, Mich.
 Jerome K. Stock, Detroit, Mich.
 A. A. Suder, Toledo, O.
 Mrs. E. M. Suder, Toledo, O.
 Norman Sullivan, Detroit, Mich.
 H. E. Taylor, Detroit, Mich.
 Lewis Templin, Garrettsville, O.
 S. C. Templin, Garrettsville, O.
 C. C. Thomas, Indianapolis, Ind.
 Jos. Thomas, Greensburg, Pa.
 Mrs. Jos. Thomas, Greensburg, Pa.
 P. Thoman, Rochester, N. Y.
 H. L. Thompson, Rochester, Pa.
 Wm. Thompson, Sewickley, Pa.
 R. F. Thurman, Willoughby, O.
 C. E. Tiaker, Newton Falls, O.
 Mrs. C. E. Tinker, Newton Falls, O.
 Mrs. Wm. Topas, Elyria, O.
 Chas. H. Totty, Madison, N. J.
 G. E. Towne, McKeesport, Pa.
 Benj. Hammond Tracy, Wenham, Mass.
 Mrs. B. H. Tracy, Wenham, Mass.
 A. E. Trake, Sharon, Pa.
 J. T. Trevillian, Tarrytown, N. Y.
 W. Tricker, Arlington, N. J.
 M. W. Tyler, Akron, O.
 E. J. Ullrich, Tiffin, O.
 Mrs. E. J. Ullrich, Tiffin, O.
 Herman Ullrich, Tiffin, O.
 W. Usinger, Pittsburgh, Pa.
 J. A. Valentine, Denver, Colo.
 Tony Valentine, Willoughby, O.
 C. Vaun, Philadelphia, Pa.
 J. C. Vaughan, Chicago.
 Richard Vincent, Jr., Whitmarsh, Md.
 Mrs. Richard Vincent, Jr., Whitmarsh, Md.
 William Vert, Port Washington, N. Y.
 Miss Freda Volk, Toledo, O.
 L. W. Wagner, Sandusky, O.
 B. H. Walker, Johnstown, Pa.
 John Walker, Youngstown, O.
 Mrs. John Walker, Youngstown, O.
 Henry C. Waltham, Youngstown, O.
 D. S. Ward, Queens, N. Y.
 Chas. Warnicke, Detroit, Mich.
 A. Edwin Washburn, Bloomington, Ill.
 Frank Washburn, Bloomington, Ill.
 R. Wasko, Ravenna, O.
 G. V. Weaklen, Pittsburgh, Pa.
 Mrs. G. V. Weaklen, Pittsburgh, Pa.
 E. L. Weaver, Pittsburgh, Pa.
 Fred C. Weber Jr., St. Louis, Mo.
 L. F. Weeks, Ashtabula, O.
 Mrs. L. F. Weeks, Ashtabula, O.

Henry Weiss, Youngstown, O.
 S. R. Welsh, Painesville, O.
 H. C. Wendland, Elmhurst, Ill.
 C. F. Wengerter, Wheeling, W. Va.
 S. B. Wertheimer, New York.
 Louis Westerberg, Warrensville, O.
 C. M. White, Medina, N. Y.
 Clifford E. White, Grosse Pointe Farms, Mich.
 D. R. White, Sandusky, O.
 E. A. White, Ithaca, N. Y.
 R. R. White, Troy, O.
 Lawrence Whitford, Chateaugay, N. Y.
 Mrs. Lawrence Whitford, Chateaugay, N. Y.
 E. M. Wiener, Indianapolis, Ind.
 Geo. B. Wiegand, Indianapolis, Ind.
 G. Williams, Youngstown, O.
 H. T. Winter, Charleston, W. Va.
 Christ. Winterich, Deaance, O.
 Miss G. Winter, Toledo, O.
 Henry J. Wise, Erie, Pa.
 Fred Wissnerbach, Pittsburgh, Pa.
 S. A. Witney, Franklin, Pa.
 Mrs. S. A. Witney, Franklin, Pa.
 R. Witterstaetter, Cincinnati, O.
 C. E. Wonsetler, Bryan, O.
 Mrs. C. E. Wonsetler, Bryan, O.
 J. H. Woolman, Columbus, O.
 W. L. Wyckoff, Chagrin Falls, O.
 Mrs. W. L. Wyckoff, Chagrin Falls, O.
 J. F. Yoden, Barberton, O.
 M. S. Yoden, Barberton, O.
 Stephen York, New Philadelphia, O.
 Chas. C. Young, St. Louis, Mo.
 John Young, New York.
 Wm. E. Young, Madison, N. J.
 F. J. Zang, Alliance, O.
 R. Zeltitz, Lima, O.
 Nic Zweifel, Milwaukee, Wis.

The Chicago Show.

A preliminary report of the exhibition, held in the Coliseum, November 9-14, appeared in our issue of last week and included all awards made Tuesday and Wednesday. The display of chrysanthemum seedlings, sports and undisseeded importations attracted considerable attention, the principal exhibitors in this class being the E. G. Hill Co., Richmond, Ind., Elmer D. Smith & Co., Adrian, Mich.,

and the Mt. Greenwood Cemetery Association, all of whom made a good showing, Elmer D. Smith & Co. winning the sweepstakes with Cameo for the best seedling in classes 119 to 124 inclusive and not exhibited before this season. In the rose entries open to retail florists only A. Lange, John Mangel and Geo. Wienhoeber, were the winners and in the contest for the most artistic wedding outfit, suitable for bride and bridesmaids, John Mangel carried off the honors with the Ernst Wienhoeber Floral Co., second. In the rose entries for private gardeners, J. J. Mitchell, (A. J. Smith, gardener), and Louis F. Swift, (Robert Sampson, gardener), secured the principal premiums for the best display of American Beauty, Ophelia and any yellow rose.

On Friday the leading attraction was the carnation exhibit, which was the largest ever seen at a local show. Wiator Bros., Poehlmann Bros. Co., J. D. Thompson Carnation Co., Bassett & Washburn, Wm. C. Manke Co., Milwaukee, Wis., Peter Reinberg, P. J. Olinger Co., Cincinnati, O. J. S. Wilson Floral Co., Des Moines, Ia., V. Bezdek, Wilmette, Grunwaldt Bros., Milwaukee, Wis., Mt. Greenwood Cemetery Association and Anton Then were the principal exhibitors, but this list does not include the many other contestants who made entries. The new varieties of carnations on exhibit were Belle Washburn, a beautiful brilliant red seedling, originating with Bassett & Washburn, Nebraska, a very promising scarlet introduced by C. H. Frey, Lincoln, Neb., Aviator, an intense scarlet, now being distributed by the J. D. Thompson Carnation Co., Joliet, and a new bright red seedling No. 701, raised by John A. Then and exhibited for the first time by Anton Then at this show. In the retail classes C. Cutler won first prize for the best arranged vase of the new carnation Belle Washburn and John Mangel first prize in the best display of carnations, not to exceed 200 blooms, accessories permitted, with A. Lange second. George Wienhoeber secured first prize for the best arranged basket of chrysanthemums and Oscar J. Friedman carried off the premium for the display of 200 violets arranged for effect. The George Wittbold Co. was awarded first prize for the best vase of Major Bonnaffon chrysanthemums arranged for effect. In the private gardeners' display of carnations and other cut flowers the principal exhibitors were Mrs. F. T. Junkin, (Axel Johnson, gardener), J. R. Tilt, Louis F. Swift and J. H. Moore, (A. Martini, gardener).

There were only a few awards made Saturday when O. J. Friedman received first prize for the best booth in the space section, which was generally considered the finest exhibit at the show. Schiller was first for the most artistic Dresden bouquet. A. Lange carried off the first prize for the most artistic corsage bouquet with Schiller, second. Lange also won first prize for the best arranged vase of 50 White Killarney roses. The show closed at 11 p. m., Sunday, November 14, and was a great success.

The judges were: W. A. Kennedy, Milwaukee, Wis.; J. E. Mathewson, Sheboygan, Wis.; J. S. Wilson, Des Moines, Ia.; J. J. Hess, Omaha, Neb.; Edward Boutler, Winnetka; Donald McNaughton, Lake Forest; John Reardon, Ames, Ia.; A. J. Smith, Lake Geneva, Wis.; H. N. Bruns, E. A. Kanst, August Koch, E. Wienhoeber, C. A. Samuelson and August Lange. The judges were very honest in their decisions and with one or two exceptions everyone, especially the exhibitor himself, was more than satisfied with their work.

Thursday's Awards.

ROSES—RETAIL FLORISTS ONLY.

Fifty Richmond roses, arranged for effect—A. Lange, 1st.

One hundred Killarney roses, arranged for effect—John Mangel, 1st; Geo. Wienhoeber, 2nd.

Most artistic wedding outfit, suitable for bride and bridesmaid—John Mangel, 1st; Ernst Wienhoeber Floral Co., 2nd.

Basket of 25 Russell roses, arranged for effect—A. Lange, 1st.

ROSES—PRIVATE GARDENERS.

Eighteen blooms American Beauty—J. J. Mitchell, Lake Geneva, Wis., 1st.

Twelve blooms Ophelia—L. F. Swift, Lake Geneva, Wis., 1st; J. J. Mitchell, 2nd.

Twelve blooms, yellow—J. J. Mitchell, 1st.

Basket of flowers—A. Lange, 1st; honorable mention to O. J. Friedman, John Mangel, Geo. Wienhoeber.

CHRYSANTHEMUMS—CUT FLOWERS.

Six blooms, white—E. G. Hill Co., Richmond, Ind., with No. 1000, 1st.

Six blooms, yellow—E. G. Hill Co., with Illinois, 1st.

Six blooms, pink—Elmer D. Smith & Co., Adrian, Mich., with Cameo, 1st.

Six sprays of pompons, any color—Mt. Greenwood Cemetery Ass'n, Chicago, 1st.

Six sprays singles, any color—Mt. Greenwood Cemetery Ass'n, 1st.

Sweepstakes—Won by Elmer D. Smith & Co., with Cameo.

Friday's Awards.

CARNATIONS.

White.

Fifty blooms White Wonder—Bassett & Washburn, 1st; J. D. Thompson Carnation Co., Joliet, 2nd.

Fifty blooms White Enchantress—Bassett & Washburn, 1st; V. Bezdek, 2nd.

Fifty blooms Matchless—Bassett & Washburn, 1st; Poehlmann Bros. Co., 2nd.

Fifty blooms, any other white—Poehlmann Bros. Co., 1st.

Sweepstakes for classes 77 to 80 won by Bassett & Washburn.

Red.

Fifty blooms Champion—W. C. Manke Co., Milwaukee, Wis., 1st; Peter Reinberg, 2nd.

Fifty blooms Beacon—J. D. Thompson Carnation Co., 1st; Peter Reinberg, 2nd.

Fifty blooms, any other red—Wiator Bros., 1st; P. J. Olinger Co., Cincinnati, O., 2nd.

Crimson.

Fifty blooms, crimson—J. D. Thompson Carnation Co., 1st.

Pink.

Fifty blooms Philadelphia—J. D. Thompson Carnation Co., 2nd.

Fifty blooms Mrs. C. W. Ward—Poehlmann Bros. Co., 1st; J. S. Wilson Floral Co., Des Moines, Ia., 2nd.

Fifty blooms Enchantress—V. Bezdek, 1st; Grunwaldt Bros., 2nd.

Fifty blooms, any other pink—Wiator Bros., 1st; W. C. Manke Co., 2nd.

Fifty blooms, any other pink, light pink class—J. D. Thompson Carnation Co., 1st; Peter Reinberg, 2nd.

Fifty blooms, any other pink, dark pink class—Wiator Bros., 1st; J. D. Thompson Carnation Co., 2nd.

Fifty blooms, striped or variegated—J. D. Thompson Carnation Co., 1st.

Fifty blooms, any other color not provided for—J. D. Thompson Carnation Co., 1st.

New Varieties.

Fifty blooms, introduction of 1915, flesh pink class—Wiator Bros., 1st; Poehlmann Bros. Co., 2nd.

Fifty blooms, introduction of 1915, light pink class—Poehlmann Bros. Co., 1st.

One hundred blooms, white—Bassett & Washburn, 1st; J. D. Thompson Carnation Co., 2nd; V. Bezdek, 3rd.

One hundred pink, flesh pink class—Wiator Bros., 1st; Peter Reinberg, 2nd; Grunwaldt Bros., 3rd.

One hundred blooms pink, light pink class—Peter Reinberg, 1st.

One hundred blooms, pink, medium pink class—Poehlmann Bros. Co., 1st; Peter Reinberg, 2nd; Wiator Bros., 3rd.

One hundred blooms, pink, dark pink class—Wiator Bros., 1st; J. D. Thompson Carnation Co., 2nd; Mt. Greenwood Cemetery Association, 3rd.

One hundred blooms, red—Wiator Bros., 1st; Poehlmann Bros. Co., 2nd; Peter Reinberg, 3rd.

One hundred blooms, any other color—Mt. Greenwood Cemetery Association, 1st.

Seedlings and Sports.

White, 20 blooms—J. D. Thompson Carnation Co., 1st.

Red, 20 blooms—Anton Then, 1st.

Pink, flesh pink class, 20 blooms—Bassett & Washburn, 1st.

Pink, dark pink class, 20 blooms—Bassett & Washburn, 1st.

Twenty blooms, any other color—Mt. Greenwood Cemetery Association, 1st.

Sweepstakes, classes 105 to 112—Anton Then.

Retail Florists.

Vase 50 Belle Washburn—C. Cutler, 1st.

Display of carnations—John Mangel, 1st; A. Lange, 2nd.

Basket of chrysanthemums—George Wienhoeber, 1st.

Display double violets—O. J. Friedman, 1st.

Vase of Major Bonnaffon chrysanthemums, arranged for effect—George Wittbold Co., 1st.

Private Gardeners' Exhibits.

Twelve blooms, white, one variety—Mrs. F. T. Junkin, Lake Geneva, Wis., 1st; J. E. Tilt, 2nd.

Twelve blooms, light pink—Mrs. F. T. Junkin, 1st; J. E. Tilt, 2nd.

Twelve blooms, dark pink—Mrs. F. T. Junkin, 1st; J. E. Tilt, 2nd.

Twelve blooms, crimson—Mrs. F. T. Junkin, 1st.

Twenty-five blooms, assorted varieties—Mrs. F. T. Junkin, 1st; L. F. Swift, Lake Geneva, Wis., 2nd.

Saturday's Awards.

SPECIAL PREMIUMS.

Most attractive display by retailer in space section—O. J. Friedman.

Most artistic Dresden bouquet with collarette—Schiller, the Florist.

Most artistic corsage bouquet—A. Lange, 1st; Schiller, the Florist, 2nd.

Fifty White Killarney, arranged for effect—A. Lange, 1st.

The Visitors.

In addition to the names given in our issue of November 13, the following attended the Chicago show:

Arvid Anderson, Moline.
Mrs. John C. Arnold, Milwaukee, Wis.
L. J. Backer, Peoria.
George H. Bancroft, Cedar Falls, Ia.
Andrew Bather, Clinton, Ia.
Mrs. Andrew Bather, Clinton, Ia.
E. A. Behh, Champaign.
L. I. Becker, Peoria.
Wm. A. Beyer, South Bend, Ind.
Jules Bourdet, St. Louis, Mo.
R. Bragg, Rochester, Minn.
Fred M. Bruenig, St. Louis, Mo.
Mrs. Fred Bruenig, St. Louis, Mo.
Mrs. L. Buedy, Mendota.
R. E. Burgoyne, Georgetown.
S. W. Coggan, Battle Creek, Mich.
W. W. Coles, Kokomo, Ind.
Mrs. W. W. Coles, Kokomo, Ind.
George Collins, Grand Rapids, Mich.
James Cooper, Brampton, Ont.
C. F. Corsair, Shelbyville, Ind.
Eli Cross, Grand Rapids, Mich.
Roy Currie, Milwaukee, Wis.



TRADE VISITORS IN HOUSE OF CARNATION AVIATOR AT THE J. D. THOMPSON CO.'S ESTABLISHMENT, JOLIET, ILL., NOV. 11.

E. Dale, Brampton, Ont.
 Mrs. A. H. Darley, Knoxville, Tenn.
 James L. Denmead, Marshalltown, Ia.
 Raymond E. DeRycke, Moline.
 Arthur H. Dew, Albion, Mich.
 Ernest Drake, Battle Creek, Mich.
 I. Drury, Lake Forest.
 John H. Duplop, Toronto, Ont.
 Mrs. Ennis, Milwaukee, Wis.
 Jos. M. Eunioger, Milwaukee, Wis.
 Miss Violet Fethers, Grand Rapids, Mich.
 Peter A. Freeman, Aurora.
 C. H. Frey, Lincoln, Neb.
 W. H. Ford, Marshalltown, Ia.
 G. Foulk, Sister Bay, Mich.
 Henry Gaethje, Rock Island.
 Henry Gaethje, Jr., Rock Island.
 Wm. H. Gardeow, New Castle, Ind.
 David Geddis, St. Louis, Mo.
 George M. Geraghty, Toronto, Ont.
 A. L. Glazer, Dubuque, Ia.
 P. X. Gorly, St. Louis, Mo.
 Lawrence Green, Ames, Ia.
 A. G. Grosshoff, Milwaukee, Wis.
 Martin Grunwaldt, No. Milwaukee, Wis.
 Miss Gullett, Lincoln.
 C. E. Gullett, Lincoln.
 A. Hans, Woburn, Mass.
 Mary A. Hartnett, Grand Rapids, Mich.
 Bert H. Heckley, Bloomington.
 John A. Helfrich, Paris.
 A. M. Henshaw, New York.
 Mrs. J. E. Hochelife, Racine, Wis.
 August Hummert, St. Louis, Mo.
 Geo. Hutton, Marion, Ia.
 H. B. Ingalls, Urbana.
 Geo. W. Jacobs, Canton.
 Lewis B. Jacobs, Canton.
 H. F. Janssen, Sycamore.
 Mrs. H. F. Janssen, Sycamore.
 G. Johnson, Nashville, Tenn.
 J. L. Johnson, De Kalb.
 Mrs. J. L. Johnson, De Kalb.
 Wm. F. Kastanz, Buffalo, N. Y.
 Mrs. B. Katzwinkle, Mendota.
 A. F. Kellner, Milwaukee, Wis.
 Mrs. A. F. Kellner, Milwaukee, Wis.
 Roy Kemble, Oskaloosa, Ia.
 Mrs. W. A. Kennedy, Milwaukee, Wis.
 C. S. Kitzerow, Milwaukee, Wis.
 Geo. O. Kitzerow, Milwaukee, Wis.
 Otto G. Koenig, St. Louis, Mo.
 A. J. Lanferrier, Ft. Wayne, Ind.
 H. J. Leitz, New Haven, Ind.
 M. C. Logan, Goodland, Md.
 Mrs. M. C. Logan, Goodland, Md.
 A. H. McDonald, Milwaukee, Wis.
 Wm. C. Manke, North Milwaukee, Wis.
 Mrs. Wm. C. Manke, North Milwaukee, Wis.
 H. E. Mann, Milwaukee, Wis.
 F. W. Maronart, Valparaiso, Ind.
 George W. Matteson, Elgin.
 Harry C. May, Summit, N. J.
 Miss Minnie Meinberg, La Porte, Ind.
 William Melvren, Winona.
 F. C. Merriam, Racine, Wis.
 R. E. Miller, Racine.
 Mrs. R. E. Miller, Racine.
 Theodore Miller, St. Louis, Mo.
 M. H. Moore, Milwaukee, Wis.
 Miss Lyde Mulder, Grand Rapids, Mich.

Walter Muston, Toronto, Ont.
 F. A. Nelson, Peoria.
 Harry Newby, Logansport, Ind.
 J. A. Newby, Logansport, Ia.
 Chas. G. Nordine, Lake City, Minn.
 E. Allan Peirce, Boston, Mass.
 Peter A. Peterson, Augusta, Mich.
 Adolph Petherlo, Freeport.
 Carl Phillips, Battle Creek, Mich.
 H. E. Philpott, Woonipeg, Can.
 Charles Pike, St. Charles, Ia.
 S. W. Pike, St. Charles, Ia.
 Mrs. S. W. Pike, St. Charles, Ia.
 Gus. Raasch, Kankakee.
 Wm. C. Reckordy, New York.
 Mrs. E. J. Reed, Vicksburg, Mich.
 Wm. B. Reid, Kansas City, Mo.
 Louis J. Reuter, Westerly, R. I.
 J. H. Robinier, Morris.
 W. L. Rock, Kansas City, Mo.
 W. A. Rowe, St. Louis, Mo.
 M. Rud, Mendota.
 M. C. Sadewater, Rockford.
 P. H. Schaefer, Dayton, O.
 E. E. Schaefer, Dayton, O.
 Max Schiller, St. Louis, Mo.
 Otto A. Schroeder, Green Bay, Wis.
 Chas. Schwake, New York.
 Bryant Seeley, Milwaukee, Wis.
 L. E. Severance, Champaign.
 J. C. Shield, Monticello.
 Henry Schimmels, Milwaukee, Wis.
 Henry Sifert, Milwaukee, Wis.
 J. S. Simmons, Toronto, Ont.
 Mrs. Isabelle Skinner, Logansport, Ind.
 D. P. Smith, Flint, Mich.
 Mrs. D. P. Smith, Flint, Mich.
 H. E. Smith, Danville.
 Joseph J. Smith, Danville.
 Gertrude Sommers, Milwaukee, Wis.
 Mrs. Frances Sporkelman, Sandwich.
 S. W. Sprague, Mishawaka, Ind.
 John Staack, Moline.
 Mrs. John Staack, Moline.
 Wm. I. Stonehouse, Grand Rapids, Mich.
 Frank Stumpy, St. Joseph, Mo.
 Karl A. Swartley, Sterling.
 Wm. Swinbank, Sycamore.
 Otto Srvivster, Oconomowoc, Wis.
 Mrs. George I. Thompson, Columbus, O.
 Geo. I. Thompson, Columbus, O.
 M. Ullenbruch, Port Huron, Mich.
 Marion Ulsebnidit, St. Louis, Mo.
 P. W. Vatter, Marinette, Wis.
 W. J. Vesey, Jr., Ft. Wayne, Ind.
 W. J. Vesey, Ft. Wayne, Ind.
 Mrs. Vennene, Grand Rapids, Mich.
 D. Vogt, Coldwater, Mich.
 E. Vogt, Sturgis, Mich.
 Ella Voelke, Milwaukee, Wis.
 Chas. E. Walker, Moline.
 Lee Walker, Louisville, Ky.
 Miss Rose Waltman, Davenport, Ia.
 A. E. Washburn, Bloomington.
 Mrs. A. E. Washburn, Bloomington.
 Edwin Washburn, Bloomington.
 F. L. Washburn, Bloomington.
 Mrs. F. L. Washburn, Bloomington.
 Frank Winans, Petoskey, Mich.
 Ed. Woodrick, Kankakee.

N. C. Worley, Henry.
 P. Zoeller, La Crosse, Wis.
 Rolf Zetlitz, Lima, O.

J. D. Thompson Carnation Co., Joliet, Ill.

In response to an invitation of the J. D. Thompson Carnation Company, Joliet, Ill., a party of carnation growers and others in attendance at the Chicago Grand Floral Festival, were guests of Superintendent P. W. Peterson at the company's range, November 11, the party, 35 in number leaving Chicago in a special car via the Chicago, Rock Island & Pacific railroad at 11:45 a. m. Arriving at the greenhouses an excellent luncheon was served, a bevy of "American beauties" acting as hostesses, after which Carnation Aviator was the center of attraction and its fine appearance won for it many new friends among the visitors. The accompanying illustration shows the party in a house of Carnation Aviator which was planted July 28, 1915, and in which cutting started September 5. To date over 57,300 blooms have been cut, an average of eight to a plant, and it is estimated that six more per plant will be cut before January 1.

The following were included in the party, which returned to Chicago in the evening: Arvid Anderson, Moline, Ill.; Geo. H. Blackman, Evansville, Ind.; Geo. Dysinger, Ionia, Mich.; Ernest Drake, Battle Creek, Mich.; Frank Vatter, Marinette, Wis.; M. Ullenbruch, Port Huron, Mich.; J. E. Yeats, Champaign, Ill.; C. F. Kenyon, South Bend, Ind.; Chas. Simonson, McPherson, Kan.; A. J. Lanternier, Fort Wayne, Ind.; Geo. W. Jacobs, Canton, Ill.; Rolfe F. Smith, Nashville, Tenn.; W. F. Dunteman, Robert Pilgrim and Otto Harris, Bensonville; Frank Blameuser, Peter Kellen, J. B. Molitor, Nick Thinnes and C. Kelten, Niles Center; H. E. Philpott, Winnipeg, Man.; J. Reding and Peter Olsem, Wilmette; Wm. Wichtendahl, Maywood; H. E. Amling, W. H. Amling, Allie Zech, A. F. Longren, N. P. Kruchten, J. Risto, J. A. Paulsen, Jacob Glimmer, W. H. Mann, James Morton and H. C. Tilton, Chicago.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THANKSGIVING.

Advertisers and correspondents will please note that on account of Thanksgiving THE AMERICAN FLORIST will go to press one day earlier next week, and we trust they will mail their copy as early as possible.

BOSTON, Cleveland and Rochester are candidates for the next annual meeting and exhibition of the American Gladiolus Society.

CANNA FIREBIRD has been awarded the silver medal of the Pennsylvania Horticultural Society, exhibited by the Robt. Craig Co., Philadelphia, Pa.

Personal.

Miss Lorraine Beatty, daughter of H. B. Beatty, Oil City, Pa., former treasurer of the Society of American Florists, is a war nurse in France.

Florists' Telegraph Delivery.

At a meeting of the Florists' Telegraph Delivery, held in the rooms of the Cleveland Florists' Club in the Hollenden hotel, Cleveland, November 11, the present officers were re-elected to serve during the ensuing year.

Conrad & Jones Co.'s Gold Medals.

The Conrad & Jones Co., West Grove, Pa., advises that it was awarded the gold medals of the Panama-Pacific and Panama-California expositions at San Francisco and San Diego respectively, for its exhibits of roses, plants and shrubs.

Flower Show Profit and Loss.

When the managers of a flower show close their exhibition with a financial deficit this, of course, must be considered a technical loss, but one which is generously overcome by the far more important promotion of horticulture and increased demand for flowers and plants which follow the smallest demonstration of their attractions and utility. It is only when the flower show fails to awaken in the general public a new and broader interest in matters horticultural that the cost in effort and money can be considered misspent. The properly conducted flower show improves the community, helping the people along the way to better ideals and the work involved in such undertakings is beyond price.

American Rose Society.

At the Cleveland flower show the following five roses were entered as undissemated varieties, and the score of points recorded is as follows:

Tipperary—Size, 6; color, 14; stem, 13; form, 13; substance, 8; foliage, 13; fragrance, 2; distinctiveness, 5; total, 74 points.

Red Radiance—Size, 8; color, 17; stem, 12; form, 12; substance, 7; foliage, 13; fragrance, 3; distinctiveness, 8; total, 81 points.

Gorgeous—Size, 9; color, 16; stem, 12; form, 13; substance, 8; foliage, 13; fragrance, 4; distinctiveness, 8; total, 83 points.

Mrs. W. R. Hearst—Size, 9; color, 18; stem, 13; form, 13; substance, 8; foliage, 14; fragrance, 3; distinctiveness, 8; total, 87 points.

Mrs. Bayard Thayer—Size, 9; color, 18; stem, 15; form, 14; substance, 9; foliage, 13; fragrance, 4; distinctiveness, 8; total, 90 points.

The judges were Emil Buettner and John H. Dunlop. A silver medal will be awarded the roses Mrs. Bayard Thayer and Mrs. W. R. Hearst; a certificate of merit to roses Gorgeous and Red Radiance.

BENJ. HAMMOND, Sec'y.

National Association of Gardeners.

The annual convention of the National Association of Gardeners, will take place this year in Boston, December 9-10. The first session of the convention will convene in Horticultural hall, Thursday afternoon, December 9, at two o'clock. A number of papers will be submitted by gardeners prominent in the profession, which should provoke a good discussion. Among the subjects will be: "Is Gardening a Profession?"; "The Gardener's Place in the Public Service"; "The Management of a Private Country Estate, As Viewed by a College Graduate"; "The Young Gardener's Opportunity in this Country"; "Is Cooperation Between Garden Clubs and Gardeners' Societies Desirable?" President Everitt has appointed W. N. Craig, Duncan Finlayson and W. J. Kennedy a committee on convention arrangements and they promise that the meetings will be made interesting, entertaining

and instructive to all who attend. An invitation is extended to all gardeners to attend the Boston convention, so that they may familiarize themselves with the scope of the work the national association has undertaken.

Owing to the small number of articles received in the essay contest, which closed October 1, the winners of which were to be announced at the convention in December, the essay committee, consisting of William H. Waite, W. N. Craig, Edwin Jenkins, Arthur Smith and Theodore Wirth, has decided to reopen and continue the contest so that gardeners may participate in it during the winter months, when they have more time than any other season of the year to devote to the writing of essays. The contest will close February 1 and the winners will be announced at the association's meeting during the national flower show in Philadelphia, March 25-April 2, 1916. There are four classes as follows:

Class 1—Prize \$35, gold. Subject, "Horticulture as a Profession, From the Standpoint of a Gardener."

Class 2—Prize \$25, gold. Subject, "The Proper Grouping and Culture of Trees, Shrubs, Perennials and Annual Bedding Plants in the Ornamentation of Private Grounds."

Class 3—Prize \$20, gold. Subject, "Preparation of Ground for and General Treatment of Hardy Herbaceous Perennials." Naming a list of species (limited to one hundred) providing a succession of flowers throughout the entire season.

Class 4—Prize \$20, gold. Subject, "How to Secure a Year's Vegetable Supply With the Aid of Cold Frames or Hotbeds (but no Greenhouses), Including Soil Preparation."

The essay contest is open to professional gardeners who are engaged in the capacity of superintendents, head gardeners or assistant gardeners. Contestants will address William H. Waite, chairman, essay committee, National Association of Gardeners, P. O. Box 290, Madison, N. J., for further particulars.

Gladiolus Society of Ohio.

The adjourned meeting of the Gladiolus Society of Ohio was held according to appointment, in the Hollenden hotel, Cleveland, O., November 12, 1915, President Betscher in the chair. C. B. Gates, Mentor, was elected president, Joe Coleman, Lexington, vice-president, and Wilbur A. Christy, Warren, secretary and treasurer. The report of the treasurer showed a good balance in the treasury. After an extended consideration of the proposition received from President Fairbanks, of the American Gladiolus Society, relative to a joint exhibition by the two societies, it was decided it would be inexpedient at the present time to undertake such an exhibition.

The time and place of the next flower show was fixed, subject to any necessary revision by the executive committee, to be, as before, at the Hollenden, Cleveland, O., on the Friday and Saturday nearest August 15, 1916, and the secretary was instructed, in the preparation of the premium list for this exhibition, to disregard the distinction heretofore made between amateur and professional classes, thus placing all on equal terms. Adjourned until regular meeting at next annual flower show.

WILBUR A. CHRISTY, Sec'y-Treas.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—By experienced florist in carnations, corysanthemums, cucumbers and pot plants. Single man; 15 years' experience. Key 582, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hot-houses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By young man as assistant storeman, strictly honest, sober and reliable, 3 years in the trade. Have A1 reference. Chicago or the middle west preferred. Can come Dec. 12. Please state wages in first letter. Address Key 579, care American Florist.

Situation Wanted—German, 28; sober, hustler and reliable, wishes to better himself; good potter and propagator. Also, grower; steady position wanted. Please state wages. Address Key 546, care American Florist.

Situation Wanted—Frochman, sober and reliable wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORTON, Bustleton, Pa.

Situation Wanted—By a young gardener who would like to learn the florist business; willing to start for small wages; can give good reference. Address WILLIAM MASKE, 863 E. Chelton Ave., Germantown, Philadelphia, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, 'mums and general greenhouse stock; could also bring young man as good all-around helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all-around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—A young salesman in retail florist's store, must have best of references. A. LANGE, Florist, 25 E. Madison St., Chicago, Ill.

Help Wanted—An all-around man; must know how to drive an automobile. JOHNSON & CHRONIS, 4701 Lake Park Ave. Chicago.

Help Wanted—Competent man to pack plants, bulbs and seeds for firm doing a general freight, express and mail order business in these lines. Address, giving full particulars. Key 581, care American Florist.

Help Wanted—Experienced man to grow general stock and miscellaneous greenhouse plants, bedding and vegetable stock. State age, experience and wages expected. Address Key 580, care American Florist.

For Sale—Five to nine acres of land cheap. Rare opportunity for florist. Address Box 51, San Antonio, Fla.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

For Sale—Florist greenhouse business; good seven room house; ¼ acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For Sale—Three greenhouses, over 3,000 feet of glass; 8 room dwelling; 7 acres good land; dwelling and greenhouses steam heated and electric lights; own water supply outfit. \$3,700 takes the place, stock and good-will. Clear title. Doing good business. A. R. ELLIS, Chittenaoga, N. Y.

For Sale—Cheap. In Detroit, where life is worth living, my retail florist business, located in a good neighborhood and on the main car lines to 6 of Detroit's cemeteries; there is no competition and am doing a good business. I have other interests that demand my attention. For terms address BARTHEL'S FLOWER SHOP, 1192 Gratiot Ave., Detroit, Mich.

For Sale or Rent Cheap—On account of death 28 years established florist business; four greenhouses and dwelling, all in good condition; no competition; best location handy in every way. Stock on hand gratis. Convince yourself or write to MRS. VALOM, 838 31st St., Milwaukee, Wis.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

WANTED

Experienced traveling salesman with ability to sell seeds. In your reply state fully your past record by whom you have been employed and full information as to what you have accomplished, together with references.

NORTHRUP, KING & CO., Seedsmen
Hennepin Ave. and First St., Minneapolis, Minn.

NOTICE

The agreement between Israel H. Eisenberg and Hugo Bergman ceased on November 1st, 1915. Statements for unpaid bills contracted previous to the above date should be sent to number 9 Grove Street, Far Rockaway, L. I., New York.

I. H. EISENBERG, New York.
November 4, 1915.

Help Wanted:

Greenhouse vegetable grower. High class man familiar with in and outside market gardening. Young married man preferred. A good proposition for the right man. New modern plant. Give references. Address

Key 576, care American Florist.

TO GROWERS:

Hickory Wood Ashes

FOR SALE. Apply at once to
CASTLE CAVE,
271-73 Seventh Ave., New York City

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —
United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

American Dahlia Society.

A meeting of the executive board of the American Dahlia Society was held at the office of the secretary, Joseph J. Lane, 11 West 32nd street, New York. The meeting was well attended. Those present were as follows: Richard Vincent, Jr., president, White Marsh, Md.; Frank R. Austin, treasurer, Tuckerton, N. J.; Geo. L. Stillman, Westerly, R. I.; Hugo Kind, Hammonton, N. J.; John Merritt, Farmingdale, N. Y.; L. K. Peacock, Berlin, N. J.; Geo. W. Kerr, Doylestown, Pa.; James Kirby, Huntington, N. Y.; James Duthie, Oyster Bay, N. Y.; J. Harrison Dick, New York; Joseph J. Lane, New York.

The subject of nomenclature was discussed at great length and a letter read by Prof. Hall, chairman of the nomenclature committee. Among other suggestions put forth were the registering of new varieties and the publication of 4,500 names of dahlias and types, the appointment of local committees, like the Chrysanthemum Society of America, etc. President Vincent suggested that a life membership be offered for a stipulated sum. The subject was laid on the table until next meeting. A committee was appointed to solicit terms and places to hold our show in 1916 and get the best offers to bring up at the April meeting. This committee comprised Geo. W. Kerr, F. R. Austin, Frank R. Stillman, James Duthie and Richard Vincent, Jr. L. K. Peacock suggested that a leaflet be gotten up about the American Dahlia Society and his suggestion was accepted by the society. He agreed to pay for 10,000 of these leaflets and mail them out with his catalogue. Mr. Peacock's motion was seconded by John Merritt and passed. A publication committee was appointed by the president comprising Messrs. Kerr, Dick and Peacock, it being understood that the secretary was to act as editor of the bulletin.

The secretary argued for the establishment of a sinking fund to tide the society over any expenses that might be incurred during this first year in the form of investments, such as the printing of reports of the nomenclature committee, etc. Mr. Peacock started the fund with a contribution of \$5. This was followed by a like amount from Messrs. Austin, Vincent, Kirby, Duthie, Stillman, Merritt and \$10 from Mr. Kind.

President Vincent has issued the following statement to the members of the society:

During the ensuing year it is our desire to see the membership grow to the fullest extent possible both in active and associate members. This cannot be accomplished by the officers alone; therefore as a lover of flowers we ask your assistance. You will find it of great advantage, if not a member, to become one and there must certainly be someone among your personal acquaintances who would be willing to join our society if the matter was put before them in an interesting way.

Much excellent work has been done by the society since its organization last May. If all dahlia lovers in this country could be reached and understood what co-operation would do in bringing the beauty of the dahlia to their knowledge our membership would be materially increased. Our first annual show in New York was the largest and best exhibit of dahlias ever given in America and we hope to do still better another year and by aid and advice also help all dahlia shows wherever held.

The privileges of membership include participation in the activities of the organization, receipt of bulletins and other literature issued by the society; advice and help on subjects appertaining to new varieties, planting, growing

and handling the flowers, bulbs, etc., attendance at the exhibitions of the society and other advantages as we go along and have an increase in funds which a larger membership will bring.
JOS. J. LANE, Sec'y.

Washington.

TRADE CONDITIONS SATISFACTORY.

Market conditions during the past week have been very favorable and prices have been fairly good. Roses have been selling at satisfactory figures, such varieties as Milady, Killarney Brilliant, Killarney Queen, White Killarney and Mrs. Moorfield Storey being quoted from \$8 to \$12 per 100, with other kinds selling at from \$2 to \$5. Good chrysanthemums such as William Turner, Major Bonaffon and Eaton were disposed of at prices ranging from \$1.50 to \$3 per dozen. Carnations are better, both in quantity and quality.

NOTES.

Theo. Dieterich is contemplating putting on a large motor truck to handle the delivery of stock from his range to this city. His wagon service is not sufficient to take care of his growing business.

The park department have about finished planting bulbs, and from all reports from Foreman Barry, next spring will see one of the finest displays of bulbous flowers ever seen in this city.

A. Gutman is sending in some very fine Eaton chrysanthemums, which are quickly disposed of at \$3 per dozen. He is also growing some excellent stock of Major Bonaffon.

Mrs. G. Supper, formerly with Gude Bros. Co., is now with George C. Shaffer's staff. Miss Belfield is also back on the job.

Thomas & Slye, one of the largest market florist firms in this city, report business exceptionally good for this time of the year.

S. S. Pennock-Meehan Co. recently had some of the finest chrysanthemums that have been shown here for some time.

Sam Simonds, gardener for Joseph Leiter, has some extra fine begonias; also some fine looking chrysanthemums.

David Bissett is now sending in liberal quantities of violets which also find ready sale.

Visitors: J. A. Peterson, Cincinnati, O.; S. Bayersdorfer, Philadelphia, Pa.
G. C. D.

Louisville, Ky.

Carnations have not done as well as usual in this vicinity this season. The demand has been very light and the retail price has been from 50 cents to 75 cents per dozen on the average, while some florists have made specials on them for Saturday sales, selling them as low as 25 cents per dozen.

Anders Rasmussen of New Albany held a floral exhibition at his establishment which was well worth going to see. An invitation was extended to all the Louisville florists to attend and all present had a most enjoyable time.

Business has been better this fall, compared with that of a year ago, as shown by the number of decorations. The F. Walker Co. have two elaborate decorations at the Women's Club during the present week.

J. D. Bettman, New Albany, has built three new houses, each 28 by 150 feet, with concrete walls and benches. Two of the houses will be planted to roses and one to carnations.

W. H. Leeming, a recent visitor, of Shively, Ky., thinks the nursery business is more profitable than growing

flowers and is turning his attention more to the nursery end.

The Wm. Walker Co. has some very attractive window decorations, chrysanthemums in baskets of various sizes and designs being arranged with good taste.

An Italian garden effect is attracting much attention to the window of the J. Schultz Co., boxwoods, etc., being used to advantage.

James Guthrie, Slate Run road, has built one new house and has increased the width of another house from 21 feet to 27 feet.
W.

OSWEGO, N. Y.—E. Kendig has opened a retail store at 126 West Second street.

GALVESTON, TEX.—Mrs. W. H. Bryant has opened a flower shop at 2917 Avenue Q.

BAY CITY, MICH.—Boehring Bros. will add two houses to their range next spring.

BARNARD, N. Y.—A new propagating house is being erected at the range of Charles Lee.

WORCESTER, MASS.—The Quarry Floral Co. has opened a new store in the business district.

CLEVELAND, O.—Adam Graham and wife left last week for a winter visit to the Isle of Pines.

DIXON, ILL.—The Northern Illinois Horticultural Society will meet in this city December 8-9.

FORT SMITH, ARK.—The Arkansas Horticultural Association will meet in this city December 7-10.

RUMSON, N. J.—John Achelis is building a new greenhouse at his establishment on the Rumson road.

FLUSHING, N. Y.—John McMahan, well-known florist and gardener, died of heart disease, October 31, aged 56 years.

ERIE, PA.—The Baur Floral Co. has made improvements in the appearance of its establishment and has erected one new house.

UNIONTOWN, PA.—W. R. Barton has re-opened the flower shop at 44 Morgantown street, formerly conducted by Chas. H. Cramer.

ROXBURY, MASS.—Mrs. Louisa C. Dane, wife of Chas. R. Dane, veteran florist in this section, died November 1. She was 75 years of age.

PAWTUCKET, R. I.—The stock and fixtures of John W. Seamans, who disappeared October 22, was sold November 8, by order of the Judicial court.

SAN FRANCISCO, CALIF.—Joseph's Flower Shop on Grant avenue has undergone alterations, the workroom having been remodeled and enlarged.

MILWAUKEE, WIS.—Lublner's new flower shop, 225 Grand avenue, one of the prettiest stores of its kind in this city, opened to the public, November 13.

CORVALLIS, ORE.—The annual meeting of the Oregon State Horticultural Society was held November 16-18, with an elaborate programme, covering the fruit interests of the state.

MINOT, N. D.—The Rosery, one of the finest flower shops in the northwest, has been opened in the Flat Iron building by George E. Walker, proprietor of the Minot Greenhouses.

ADRIAN, MICH.—Wallace R. Pierson, of A. N. Pierson, Inc., Cromwell, Conn., came on here from the Cleveland show to look over Elmer D. Smith & Co.'s high grade novelties in chrysanthemums.

Are You on Our Mailing File?

IN the past few weeks we have sold and delivered hundreds of surplus cases of **Azaleas, Araucarias, Japanese Lilies, Kentia Seeds**, etc. If you did not get our case-lot offers, it is because you are not on our Mailing File.

In receiving thousands of cases each month from Belgium, Holland, Japan, etc., you can imagine we sometimes have surplus cases. These are offered at import prices—in case lots, but only to those firms who are on our Mailing File.

At present we can offer—**Valley Pips, Kentia Seeds, Japanese Lilies, Raffia**. Later on we will have **Roses, Boxwood, Begonia Bulbs**, etc., as they arrive.

Get on our Mailing File and get our offers as we issue them. Write us what lines you handle, but use business stationery, as our offers go only to the trade.

McHUTCHISON & CO., THE IMPORT HOUSE, 17 Murray Street, NEW YORK

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42	4.00
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
3-in. pot.....	5.....	12.....		2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00	
9-in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00	

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

Nashville, Tenn.

FIRST QUALITY STOCK IN ABUNDANCE.

The fine weather of the past few weeks has brought in an abundance of beautiful flowers, grown in the greatest perfection. The chrysanthemums are fine and large and of every variety and color; and besides making gorgeous and beautiful window displays, are made use of for every occasion. American Beauty roses were never seen in greater abundance or perfection. Other roses are blooming well, while carnations are plentiful. In fact, there is at present a bountiful supply of all kinds of stock and a sufficiency of trade to take care of it all.

NOTES.

Arnold Schmidt, the veteran vegetable grower, has added a large range of houses to his already extensive plant which he has filled entirely with vegetables, which by reason of their

excellence and freshness command the highest market prices. He has a large supply of tomatoes and cucumbers, which will be ready to market for the holiday season. He has at present quantities of fine head lettuce, and plenty of leaf lettuce, which is salable all the time. He also is putting on the market a fine supply of endive, which commands a fancy price and is much sought after by epicures and rather a novelty in this section. He has recently associated with him in business his only son, Andreas, who has been in California for the past two years on account of his health.

L. H. Haury, Jr., has opened a new place on the Murfreesboro road, where he has built a very nice range of greenhouses. He has 13 acres in the tract, all of which is in cultivation. For the present he is growing vegetables and making quite a success of it. He is just beginning to put in a line of pot plants for next season's bedding

purposes, and will drift more and more into the flower business.

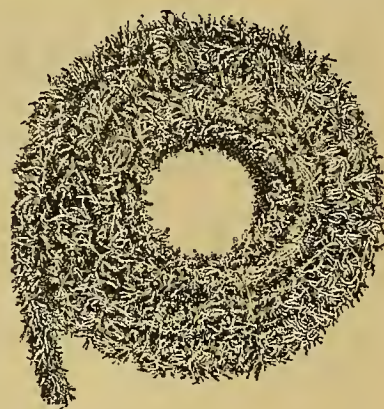
A prominent jeweler had an opening the past week and the store was decorated in the most artistic manner. Among other floral decorations were small, white baskets, tall and slim, each holding a white lily bedded in ferns and asparagus, with a bow of white tulle on the handle of each basket. Geny Bros. furnished the decorations.

McIntyre Bros. are making a beautiful display of their pergola built up on the top of their store by lighting it up with more than a hundred lights at night. It is decorated with evergreens. The store is very attractive.

The Joy Floral Company has a three sheet poster on the bill boards of the city, saying, beneath a huge bunch of all kinds of flowers:

"We give the earth with every flower, and a scent with every rose."

M. C. D.



Vaughan's Bouquet Green XXX XMAS HOLLY Green Wreathing

Boxwood, Laurel, Mistletoe, Magnolia Leaves, Japanese Roping,
Cycas Leaves, Winter Berries, Immortelles, Ruscus.

**VAUGHAN'S SEED STORE, CHICAGO
NEW YORK**

Pittsburgh.

HEAVY SUPPLY BUT DEMAND STRONG.

We have no complaint to make on business conditions thus far, as things are moving very nicely. There is a heavy supply of stock at all times, but no sacrifice need be made to get rid of it. The growers are cutting heavily on roses and chrysanthemums, but the supply of first-class carnations is greatly limited. There are not many violets on hand, but their absence is not felt. Smilax, boxwood and the several other varieties of southern greens are coming in heavily and in the best of quality.

NOTES.

Pittsburgh was there with a strong delegation at the Cleveland flower show. All reported it the "best ever." The list includes E. C. Ludwig, De F. Ludwig, Julius Ludwig, Gilbert Ludwig, Ray Daschbach, Miss K. Friel, G. P. Weaklen, John Frampton, John Harris, Geo. Marshall, E. J. McCallum, A. W. Smith, Jarve Smith, Joe King, Ed Weaver, Walter Breitenstein, Harvey Sheaf, Ed McGrath, Ed Blind, T. P. Langhans and Fred Burki, besides a host of others. The McCallum Co. staged an exhibit of florists' supplies; also, its new yellow chrysanthemum, Mrs. M. R. Morgan, which was taken to greatly by the followers of this flower.

Earl Tipton has returned to the city store of the A. W. Smith Co. for the winter, after a hot summer's worth on the farm. We were sorry to learn that Mrs. Tipton is confined in the West Pennsylvania hospital with a lingering case of fever.

Geo. Huscroft has the sympathy of the trade in the loss of his father, whose death occurred November 11.

Joe Feinberg is back in the retail business again, having opened at 946

Liberty avenue as the Liberty Flower Shop.

Visitors: Mrs. Baumgarten, of Milwaukee, Wis.; Joe Marks, of A. A. Arnold Paper Box Co., Chicago; M. Reukauf, Philadelphia, Pa.

G. M.

Kansas City.

COOL WEATHER CHECKS OVERSUPPLY.

The cool weather of the past week was welcomed by the florists, making it more convenient to handle stock, and helping to check the heavy supply arriving at the markets. Chrysanthemums are most plentiful, while carnations and roses are also seen in large numbers, but are shortening somewhat at present. Lilies are very good in quality and are plentiful. Pot plants are in great demand and the supply not equal to requirements. Orders for decorations, both for weddings and parties are numerous and orders for funeral designs, both local and out-of-town, has been heavy. The deaths of several prominent people in this city during the past week created a demand for a great amount of high grade stock.

NOTES.

T. J. Noll & Co. report trade good. They have handled three times as many chrysanthemums this year as last season. They are also handling good stock in roses, carnations, lilies and California violets. Trade generally has been very good at this establishment, and the demand for supplies has been especially brisk.

Wm. L. Rock Flower Co. report business very good. They are cutting fine stock at the greenhouses, especially snapdragons, chrysanthemums, carnations, roses and orchids. Mr. Rock attended the flower show at Cleveland.

AS THE AMERICAN FLORIST correspondent, and on behalf of several florists, we would like to know what is the matter with the Kansas City Florists' Club? Florists, wake up!

Henry Kusik & Co. report business good with stock plentiful. Shipping trade is good and supplies are moving well. They are handling some very fine chrysanthemums.

Arthur Newell reports trade good. He had several good wedding orders which called for a quantity of first class stock. Funeral orders have also been numerous.

Patrick Larkin says business is good with plenty of funeral work. Orders for decorations are also coming in well.

W. J. Barnes has had a good demand for funeral work, in addition to a number of wedding decorations.

The Peterson Floral Co. is handling chrysanthemums in quantity, many being used in design work.

Chas. Biedermann & Son have noticed an increase in business especially in funerals and weddings.

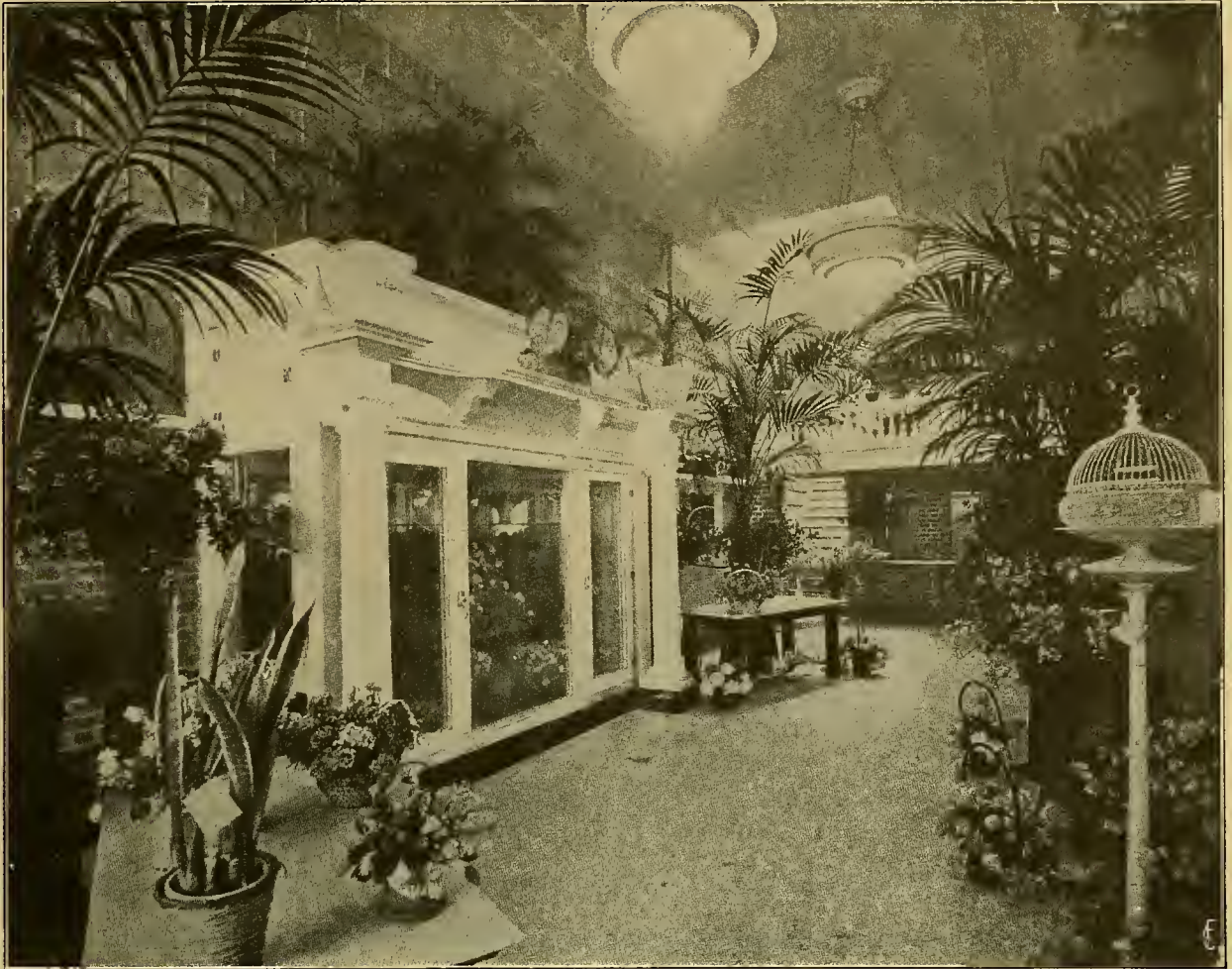
Mr. Read, of the Samuel Murray force, attended the Cleveland flower show.

Miss J. E. Murray reports business good with quite a demand for funeral work.

Visitors: H. A. Hall, Joplin, Mo.; H. P. Zvtsloot of Dreihuisen Bros., Lisse, Holland, and D. Van Staalduijnen, of Guldemand & Son, also of Lisse, Holland.

E. J. B.

CHAMBERSBURG, PA.—Byers Bros. formally opened their new office and greenhouse, October 30. One thousand roses and an equal number of carnations were given to visitors as souvenirs.



SAMUEL MURRAY

The Leading Flower Establishment of

KANSAS CITY

Will arrange and deliver orders for flowers, plants or design work for the trade in any part of the Middle West. All goods and service strictly first-class.

MEMBER OF FLORISTS' TELEGRAPH DELIVERY

SAMUEL MURRAY

1017 Grand Avenue,

KANSAS CITY, MISSOURI

POEHLMAN

72-74 E. Randolph St.,

'Mums-Roses-Carnations-Cattleya

GARDENIAS--VALLEY--HARRISII THANKSGIVING--THANKSGIVING

PRICE LIST.

ORCHIDS Per Market Price

AMERICAN BEAUTIES

Specials, 48-60 in.....	Per Doz.	\$6.00
36 in.....		5.00
30 in.....		4.00
24 in.....		3.00
20 in.....		2.50
18 in.....		2.00
Short.....		\$0.75 to 1.50

MRS. CHAS. RUSSELL

Specials.....	Per 100	\$25.00
Long.....		\$18.00 to 20.00
Medium.....		12.00 to 15.00
Short.....		6.00 to 10.00

Hoosier Beauty	} Special..	Per 100	\$12.00
HADLEY			
OPHELIA			
SUNBURST			
MILADY	Med....	\$6.00 to	8.00
	Short...		4.00

RICHMOND	} Long.....	Per 100	10.00
BULGARIA			
AARON WARD			
KILLARNEY			
WHITE KILLARNEY			
KILLARNEY QUEEN			
“ BRILLIANT	Medium..	\$6.00 to	8.00
	Short.....	3.00 to	4.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, \$3.00 to 6.00

MISCELLANEOUS

Pompons.....	per bunch, 35c to 50c	Per 100
Snapdragon.....		\$4.00 to \$6.00
Sweet Peas, Spencer.....		1.50 to 2.00
Violets, double or single.....		.75 to 1.00
Stevia.....		2.00
Smilax.....	doz.	\$2.00
Plumosus and Sprengeri.....		2.00 to 3.00
Adiantum.....		1.00
Galax, green and brown...1000,		\$1.50
Leucothoe.....		.75
Mexican Ivy.....	per 1000,	\$6.00
Ferns, new crop.....	per 1000,	2.50
Boxwood.....	per bunch, 85c; box,	\$7.50

Cattleyas.....	
Phalaenopsis, per 100,	\$10.00 to \$
Gardenias.....	per doz. 3.00 to

CHRYSANTHEMUM

Red-Bronze-Pink-White-Yellow	Per
Large.....	\$3.00 to
Medium.....	2.00 to
Small.....	1.00 to

EASTER LILIES

Per 100.....	\$8.00 to \$
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LILY OF THE VALLEY

Fancy, per 100.....	\$3.00 to
2nd.....	\$3.00 to

CARNATIONS

Best Fancy, per 100.....	
Medium, per 100.....	
Short and split, per 100.	\$2.00 to

WILD SMILAX

Per case.....	
---------------	--

Red Winter Berries.....	per box, \$1.50 to \$3.00
Mistletoe, per lb.....	.35
Laurel Wreathing, per yard.....	.06
Japanese Lanterns, bunch.....	.25

Our Best Sellers

This Week

RED RUSCUS

EE Quality, per lb., 75c.

Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefinitely.

6-in. Water-Proof Chiffon, per yard, \$0.04

Red Frieze, 60 yd. bolts, 60c per bolt

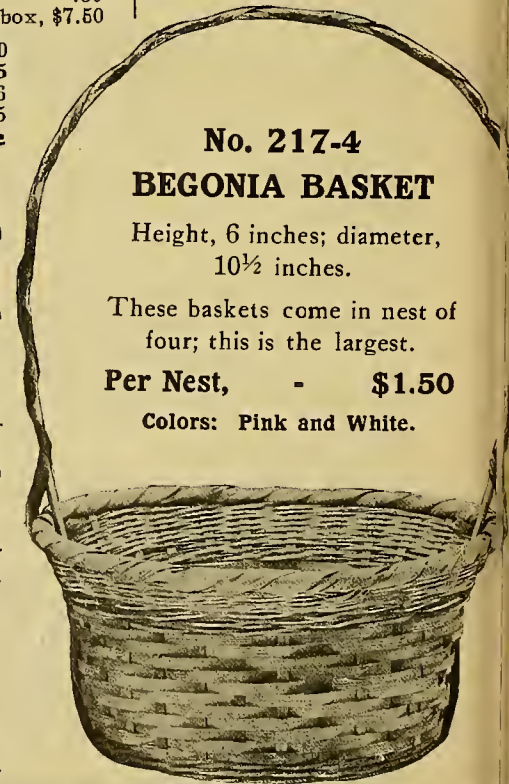
50 ASSORTED TUMBLER BASKETS

(two-toned), with Liners, \$10.00

Send for our Xmas Circular; ready for mailing now



No. 218-1-2 Plant Basket.
Open Willow, Liner Included.
1-3x3, each.....\$0.25
2-4x4, each......35



No. 217-4 BEGONIA BASKET

Height, 6 inches; diameter,
10½ inches.

These baskets come in nest of
four; this is the largest.

Per Nest, - \$1.50

Colors: Pink and White.

N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

7-in. pot 3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana

Single Plants		Each
4 inch pots, 5 to 6 leaves,	18 in. high	\$0.40
\$4.50 per dozen.		
6 inch pots, 6 to 7 leaves,	24 in. high	1.00
6 inch pots, 6 to 7 leaves,	28 to 30 in. high	1.50
7 inch pots, 6 to 7 leaves,	36 in. high	3.00
8 inch tubs, 6 to 7 leaves,	38 in. high	3.50
8 inch tubs, 6 to 7 leaves,	48 in. high	5.00
8 inch tubs, 6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.		

Kentia Forsteriana

Made-up Plants		Each
7 inch pots, 3 plants in a pot,	28 to 30 in. high	\$2.00
7 inch pots, 3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs, 4 plants in a tub,	38 to 40 in. high	3.00
8 inch tubs, 4 plants in a tub,	38 to 44 in. high	3.50
8 inch tubs, 4 plants in a tub,	50 in. high	5.00
8 inch tubs, 4 plants in a tub,	56 to 58 in. high	6.00
10 inch tubs, 4 plants in a tub,	5 ft. high	8.00
12 inch tubs, 4 plants in a tub,	5 to 5½ ft. high	10.00
12 inch tubs, 4 plants in a tub,	6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.		

Kentia Forsteriana

Single Plants		Each
6 inch pots, 5 to 6 leaves,	28 to 30 in. high	1.00
6 inch pots, 6 to 7 leaves,	34 to 36 in. high	1.50
6 inch pots, 6 to 7 leaves,	38 to 42 in. high	2.00
8 inch tubs, 6 to 7 leaves,	50 to 54 in. high	5.00
8 inch tubs, 6 to 7 leaves,	5 ft. high	6.00
10 inch tubs, 6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10 inch tubs, 6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii

	Each
3-inch.....	\$3.00 per doz.
5 inch pots.....	\$1.00
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8 inch tubs, grand specimens.....	3.50
10 inch tubs, grand specimens.....	\$5.00 to 7 00

Areca Lutescens

7 inch pots, 3 plants in a pot.....	2.00
8 inch tubs, 5 plants in a tub.....	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Amabilis

6-inch pots.....	\$1.00, \$1.25 each
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Dracaena Terminalis Rosea

4-inch pots.....	.40c each; \$4.50 per doz.
5-inch pots.....	.75c each; 7.50 per doz.

Dracaena Godseffiana

Per doz.....	\$1.00
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Dieffenbachia Magnifica

Each.....	.50c, 75c, \$1.00
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Blooming and Decorative Plants

You undoubtedly will have need for the stock listed below for present use and for Thanksgiving day
Our Chrysanthemum pot plants, Begonias and Cyclamen are unusually fine this year
and we advise placing your order with us. **ORDER NOW.**

CROTONS.

Very Fine Colored Stock Each

5-inch pot.....	.50	\$45.00
5-inch pot, strong.....	.75	70.00
6-inch pot.....	\$1.00 to 1.50	

ARAUCARIA EXCELSA

	Each
5 inch, 3 to 4 tiers.....	\$0.75
6 inch, 4 tiers.....	1.00
7 inch, 4 to 5 tiers.....	1.25
7 inch, 5 tiers.....	\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA

	Each
6 inch, 2 to 3 tiers.....	\$1.00
7 inch, 3 tiers.....	1.50
7 inch, 3 to 4 tiers.....	2.00
9 inch, 5 to 6 tiers.....	\$4.00 to 5.00

PANDANUS VEITCHII.

Highly Colored Stock

	Each	100
4-inch pot.....	\$0.35	\$30.00
5-inch pot.....	.50	45.00
6-inch pot.....	.75	

ASPARAGUS PLUMOSUS

2½-inch pot.....	\$3.00 per 100; \$28.00 per 1000
3-inch pot.....	6.00 per 100; \$55.00 per 1000

CHRYSANTHEMUM POT PLANTS

Ready Now

5½ and 6-inch pots.....	.40c, 50c and 60c each
7-inch.....	.75c, \$1.00, \$1.25, \$1.50 and up

FERNS.

Boston, Roosevelt and Whitmanii

	Each	100	Each
6-inch pot.....	\$0.50	\$45.00	10 inch pot.. \$2.00 to \$2.50
7-inch pot.....	.75		12-inch pot.. 3.00 to 3.50
8-inch pot.....	1.00		

BEGONIA LORRAINE

Largest and best stock we ever had,

4-inch—In bloom.....	.30c each
5-inch—In bloom.....	.50c to 75c each
6-inch—In bloom.....	\$1.0 each
7-inch—In bloom.....	\$1.50 to \$2.00 each

BEGONIA CININNATI

Extra fine stock for immediate and future delivery.	
4 inch.....	35c each
5-inch.....	75c each
6 inch, strong.....	\$1.00 to \$1.25 each
7-inch.....	1.50 to 2.00 each



CYCLAMEN

Our Cyclamen are now coming in bloom and we offer a fine stock.

5-inch.....	.50c each
6-inch.....	.75c each
7-inch.....	\$1.00, \$1.50 each

For November and December delivery we will have over 25,000 of the best Cyclamen seen anywhere in sizes from 5-inch to 7-inch at reasonable prices.

Thanksgiving Price List

LARGE CUTS

Beauties-Roses-Carnations

THANKSGIVING PRICE LIST

American Beauties		Per doz.
Specials extra long stems.....		\$5.00
36 in. stems.....		4.00
30 in. stems.....		3.00
24 in. stems.....		2.00
Shorter lengths.....	\$ 1.00 to	1.50

Russell

According to length of stems from 75c to \$2.00 per dozen.

RED ROSES—Reid, Richmond, etc.

	Per 100
Extra long.....	\$10.00
Good length.....	8.00
Good medium.....	\$6.00 to 7.00
Good short.....	4.00 to 5.00

White and Pink Killarney, Brilliant, Hillingdon, Sunburst, Shawyer and Ophelia.

	Per 100
Extra long stems.....	\$ 8.00
Medium length stems.....	6.00
Very good short.....	4.00
Extra special Ophelia.....	10.00

ASSORTED ROSES.

Cecile Brunner..... per bunch, 50c

Our selection in lots of 300 or more at the rate of \$30.00 per 1000.

CARNATIONS.

Pink, White, Red, extra fancy..... Per 100 4.00

CHRYSANTHEMUMS.

Largest size, white, pink and yellow..... per dozen, \$2.50 to \$3.00
 Good size, white, pink and yellow..... per dozen, 2.00
 Pompons, very fancy, all colors..... per bunch, 35c to 50c

MISCELLANEOUS.

Choice **EASTER LILIES**.....\$1.50 per doz.
LILY OF THE VALLEY..... 4.00
ASPARAGUS SPRAYS and **SPRENGERI**..... 3.00
FERNS,1.000, \$2.00
GALAX, bronze and green..... per 1000, \$1.25 to \$1.50

All Other Seasonable Flowers at Lowest Market Prices.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell. We remind all buyers of the advantages of buying direct of the grower. Order early as our supply is limited to the amount of stock we can cut each day.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Greggs Statlon, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

TRADE IS IMPROVING.

Business has shown some improvement this week, and while there is still plenty of stock of all kinds to go around it would not be at all surprising if the market cleaned up completely in all lines before the week is over. The weather has turned colder and at times the thermometer recorded nine degrees below freezing and 16 degrees below the normal mean temperature, November 14, when it registered 20 degrees above zero. It snowed on several occasions, but the downfall did not amount to much and it disappeared almost as quickly as it came. The cold weather had something to do with the shortening up of stock, but the increased demand did, too, and stock is now selling at better prices than it has for the past two weeks. Some especially fine American Beauty roses are arriving, but clean up well each day at good prices. Mrs. Chas. Russell roses are in good demand and several large orders were received from Boston and New York for this variety this week and when the day's sales are over there is no surplus to speak of. Roses in general are reaching the market in splendid condition and are none too plentiful. Chrysanthemums and pompons are in good supply, but have advanced in price the past few days. Sweet peas are arriving in larger quantities and the supply of carnations is quite large, but seems to clean up better. Lilies are in good supply, but lily of the valley is none too plentiful. Orchids and violets are plentiful and stevia is seen at several of the stores. A few gardenias are arriving, but the

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

supply is nothing to speak of. Greens of all kinds are plentiful and so are winter berries. Mistletoe made its appearance this week and reminds one that the holidays are almost here. The supply houses are very busy and are showing a nice line of stock in ruscus, red frieze, baskets, etc. In regard to the supply of cut flowers for Thanksgiving, it looks as if stock will be scarce if business is at all good, and it is advisable for everyone to place their orders well in advance so as to insure their supply. Many orders were booked the past week according to several of the leading houses and each mail brings in new orders.

NOTES.

Grant Wiffin of Des Plaines has a new pompon seedling called Golden Garza, which originated with Sidney Wiffin, that looks very promising.

CHRYSANTHEMUMS

White—Pink—Yellow

**Pompons-Roses-Carnations
PINK SNAPDRAGONS-GREENS-Etc.**

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Golden Garza scored 87 points at the show held in the Coliseum last week.

Nick Korson, 29 West Washington street, has opened a new store at 7 West Monroe street, where the Art Floral Co. was formerly located.

Simpson's, 3656 Ogden avenue, will open a new store at 432 North Parkside avenue next week.

C. L. Sherer, of the John Kruchten Co., has returned from a business trip to Milwaukee, Wis.

HEAVY SUPPLY

Prize Winning

Roses and Carnations

FOR THANKSGIVING

WE swept the deck at the Chicago Show last week winning 18 prizes out of 22 entries in Roses and Carnations, which is a remarkable showing when we consider that the stock was taken from our regular cuts and not specially grown for the occasion. When placing your Thanksgiving order bear in mind that we are strong on

SUPREME QUALITY

Beauties - Richmond - Milady - Ophelia - My Maryland - Killarney
White Killarney - Killarney Brilliant - Sunburst and Mrs. Chas. Russell

FANCY CARNATIONS

We will have plenty of choice stock in all grades of everything listed in our price list and will fill your wants to your entire satisfaction. Place your order with us early and be assured of getting the best obtainable.

Buy Direct From The Grower.

THANKSGIVING PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
15 to 20-inch stems.....	\$1.00 to 1.50
Short.....	\$6.00 to \$8.00 per 100

Richmond.....			
Killarney.....	} Extra select.....	Per 100	
White Killarney.....			\$10.00
Killarney Brilliant.....			8.00
My Maryland.....			5.00 to 6.00
Sunburst.....			4.00
Milady.....	Short.....		
Ophelia.....			

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Medium.....	.75 to 1.00
Short.....	.50

ROSES, our selection..... \$3.00

Carnations.....	Per 100
Chrysanthemums..... doz.,	\$2.00 to \$3.00
Pompons.....	35c to 50c per bunch
Harrisil.....	10.00 to 12.50
Valley.....	4.00
Adiantum.....	1.00
Asparagus, per bunch.....	.50c to 75c
Ferns, per 1000.....	\$2.50
Leucothoe, per 100.....	\$1.00

2,000,000 Feet of Modern Glass.

PETER REINBERG

30 East Randolph St.,

Long Distance Phone
Central 2846

CHICAGO

FOR THANKSGIVING

'Mums Pompons

BEAUTIES--ROSES--CARNATIONS

Place your order with us. We swept the deck in practically all the entries made in Carnations at the Chicago Show last week and can supply you with the best stock obtainable for Thanksgiving at the prices listed below. Order today.

Thanksgiving Price List--

Subject to change without notice.

BEAUTIES.

	Per doz.	
Extra select.....	\$5.00	
36-inch stem.....	4.00	
30-inch stem.....	3.50	
24-inch stem.....	2.50	
20-inch stem.....	2.00	
15-inch stem.....	1.50	

ROSES.

Killarney.....	} Select.....	Per 100	\$8.00		
White Killarney...					
Sunburst.....				Fancy.....	6.00
Richmond.....				Medium.....	4.00
Killarney Brilliant				Short.....	3.00
Ophelia.....					

ROSES, our selection, \$4.00 per 100.

CARNATIONS.

	Per 100
Select.....	\$5.00
Fancy.....	4.00
Medium.....	3.00
Short.....	2.00

CHRYSANTHEMUMS (all colors).

Fancy.....	per doz.,	\$3.00
Good.....	"	\$1.50 to 2.00
Small.....	per 100,	3.00 to 10.00
Pompons.....	per bunch,	35c to 50c

MISCELLANEOUS.

	Per 100
Valley.....	\$ 5.00
Lilies.....	12.50
Ferns.....	per 1000, \$2.50
Asparagus Sprengeri.....	per bunch, 50c
Asparagus Plumosus.....	per bunch, 50c

All Other Green Goods at Market Rates.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Wietor Bros. won seven first prizes and one third prize in the carnation entries at the big show held in the Coliseum last week, and are well pleased with the showing that they made. In speaking of the show, N. J. Wietor says that there ought to be more entries for pompons, for they are being grown on a much larger scale than ever before and gives as an illustration that a few years ago his firm only grew one bench of these flowers, and now have several large houses devoted to them. They are cutting a good supply of stock in all lines and will be in good crop for Thanksgiving. The chrysanthemum shipments now include a good supply of the variety Indian Summer, which is selling like hot cakes and is bringing good prices.

Bassett & Washburn's new seedling carnation, Belle Washburn, attracted much attention at the show held in the Coliseum, November 9-14, and will be grown on a large scale by many of the growers throughout the country next season. In the class which called for the best arranged vase of Belle Washburn carnations there were so many entries and such close competition that Mr. Washburn distributed a box of the best Havana cigars to those who did not qualify for a prize. This firm won several nice prizes in the rose and carnation classes and are well pleased with the record that was made.

The Chicago Flower Growers' Association is now comfortably located in its new store in the Le Moyne building at 182 North Wabash avenue, and according to Paul Klingsporn, the sales on the opening day showed a marked increase, notwithstanding the fact that they were still busy moving. Everybody who visited them in their new home received a dandy smoke at the expense of the house.

The firm of J. A. Budlong is now doing business in its new quarters in the Le Moyne building, at 184 North Wabash avenue, which they moved into November 15, when Manager Philip C. Schupp treated all the visitors to a splendid cigar. This firm is cutting from a good crop of American Beauty roses and is offering very choice stock in this line.

A. L. Vaughan & Co. are prepared to handle a brisk Thanksgiving trade, for their supply of stock this season is larger than ever and the outlook so far is very encouraging, for many nice orders have been booked during the past week. Green goods of all kinds are plentiful at this house and some especially fine boxwood is being offered.

Zech & Mann report a brisk demand for Mrs. Chas. Russell and American Beauty roses, which are leaders with them this week. Allie Zech says that orders for Thanksgiving are numerous and that the outlook for good business for this occasion is very promising.

August Poehlmann's son, Earl, and Adolph Poehlmann's son, Walter, who are attending school at Urbana, took in the flower show at the Coliseum last week. H. N. Bruns' son, Herman, who is also attending school at Urbana, was here on a visit last week.

Percy Jones is showing a large supply of chrysanthemums and is booking orders for same for Thanksgiving. This firm is handling a mammoth supply of green goods with boxwood and ferns the principal offerings.

J. E. Jones, of the Advance Co., Richmond, Ind., and daughter Margaret are the guests of Philip L. McKee and wife this week.

Mrs. N. P. Miller is confined to the Wesley hospital, where she will undergo an operation this week.

SPECIAL NOTICE

The Silver Loving Cup

given for the best display of Double Violets at the Chicago Flower Show was won by an artistic arrangement made of 1,000 of the Violets handled exclusively by

M. C. GUNTERBERG

Wholesale Florist

158 N. Wabash Ave., Chicago, Ill.
L. D. Phone, Central 3067

Order Here and Get the Best Violets. Special for Thanksgiving, \$10.00 to 12.50 per 1000

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1.75 per bag
Perceptusted Moss.....3.50 per bag

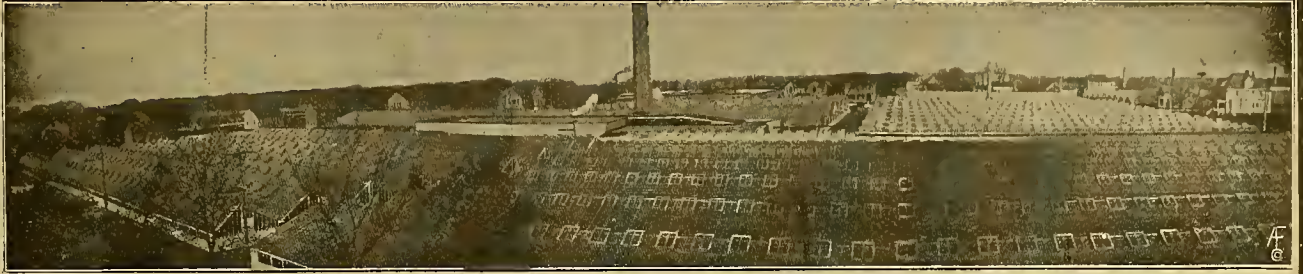
Caldwell the Woodsman Co.

Everything in Southern Evergreens,
EVERGREEN, ALABAMA

Ben Zalinger has been doing the buying in the market this week during the illness of his business partner, H. M. Hirsch.

Mrs. G. Ludwig, of Pittsburgh, Pa., is spending a few weeks here with her daughter, Mrs. Victor Bergmann.

The Home of BUDLONG'S FAMOUS "BLUE RIBBON VALLEY."



IMPORTANT
ANNOUNCEMENT

¶ We are now located in our new store on the main floor of the LeMoyné Building at 184 North Wabash Avenue, where we are in a much better position than ever before to look after the wants of our many customers. We believe in keeping abreast of the times and the change in location will be beneficial in more ways than one to our many patrons as well as ourselves for our new home is splendidly located and in the very center of the World's Greatest Wholesale Cut Flower District. You are cordially invited to call and inspect our establishment and make it your headquarters whenever you may so desire. We are now booking orders

FOR THANKSGIVING

And will have

GOOD CROPS OF ROSES

Beauties-Russell-Ophelia-Sunburst-Double White Killarney
Killarney Brilliant-Killarney-Milady-Ward and Richmond

Heavy Supply CARNATIONS Highest Quality
Red—White—Pink—Light Pink

You can place your order here with the assurance that your wants will be properly taken care of. We have all the best leading varieties and can give best satisfaction.

'MUMS

White-Yellow-Pink. The finest cut of blooms we have ever had. Exhibition stock at the regular prices.

VALLEY

Budlong's Famous Blue Ribbon Valley still retains its name. There's a reason. A trial order will disclose the secret. Obtainable every day of the year.

Violets, Pompons, Harrisii, Asparagus, Ferns and all Greens and Cut Flowers.

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Prices
As
Low
As
Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

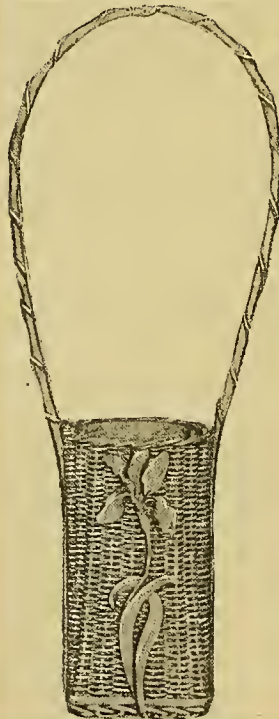
P. W. Peterson, superintendent of the J. D. Thompson Carnation Co., at Joliet, writes that his firm had four entries of its new seedling carnation, Superb, in the flesh pink class at the Cleveland show and won two first and two second prizes. He had this variety entered in this class and another at the local show, but it was disqualified on account of its color in both instances so he is wondering just where he stands and what particular class this variety should be entered in the future. Mr. Peterson does not like to register a kick or criticize the judges, but if Superb does not belong in the two classes that he entered it, he wants to place it where it does belong so he can capture first prize which he nearly always does on this variety.

Poehlmann Bros. Co. has a nice stock of begonias, cyclamens and chrysanthemum plants for Thanksgiving, and are busy booking the same. This firm, as usual, made nice displays at the show in the Coliseum last week and their splendid group of orchid plants was greatly admired by all those who attended the exhibition. The supply of cut flowers at the store is large and from present indications it appears as if they will have large cuts of stock for Thanksgiving, especially carnations and roses. The supply department has had a very busy week and many visitors to the show managed to find time to inspect T. E. Waters' display of supplies at the store.

Peter Reinberg made a very good record at the show in the Coliseum last week, when he won 18 prizes out of 22 entries in the rose and carnation classes, many of which were firsts and which was the best showing that the firm has made in years. This firm is cutting a good supply of stock of all kinds and will be able to take care of all their customers in fine shape for Thanksgiving, according to the Reichling brothers, Emil and Felix, who do both the producing and the selling in the order named. Inquiries in regard to stock for Turkey day are numerous and while many orders have been booked the real demand has not yet set in.

John H. Miller, aged sixty-one years, a retired florist, died of Bright's disease at his home, 1414 Catalpa street, November 10. He was born and lived in this city all his life. He was a member of St. Matthew's Court, Catholic

Artistic Hand Painted Baskets



Most striking selection obtainable

Exceptionally fine facilities enables us to get out this high grade work at extraordinarily low prices. This stock is not to be compared with the inferior grade of baskets now being generally offered in the market. The one best way to convince yourself is to order a trial dozen today.

\$7.50 per dozen
5.40 per dozen

Difference in price is governed by size not quality. Order today.

RAEDLEIN BASKET CO.

713 Milwaukee Ave.

CHICAGO

Order of Foresters. Burial was held in St. Boniface cemetery, Saturday, November 13. The widow and six children survive him.

A. T. Pyfer & Co. are booking some nice orders for Thanksgiving and are well pleased with the outlook for them. Mr. Pyfer says that H. E. Philpott, one of the members of the firm, was called home to Winnipeg, Can., this week on important business.

Kroeschell Bros. Co. was well pleased with the result of their exhibit at the show and one of the many orders booked was that of A. Reinhardt, of North Milwaukee, Wis., which calls for a No. 13 Kroeschell boiler.

M. C. Gunterberg evidently expects that violets will be plentiful for

Thanksgiving or expects to handle a much larger supply this year, for she is pushing them more extensively than ever.

Vaughan's Seed Store has taken in the first carload of Liliun auratum, L. rubrum and L. album. This firm also received a good lot of named Darwin tulips this week, a class much in demand.

H. R. Coughenous, who attended the show with his employer, C. A. Simonson, of McPherson, Kans., was called home November 11 by the sudden death of his father.

Buchbinder Bros. sold the beautiful refrigerator that they exhibited at the show to Clody's Flower Shop, 3924 North Clark street, Chicago.

Thanksgiving PriceList

ROSES

Mrs. Chas. Russell—	Per 100	
Good.....	\$ 6.00	\$ 8.00 \$10.00
Extra Fancy.	12.00	15.00 20.00
Ophelia.....	6.00	8.00 10.00
Sunburst.....	6.00	8.00 10.00
Killarney, White Killarney, Killarney Brilliant and Richmond—		
Long.....	\$6.00 to	\$8.00 per 100
Medium.....		5.00 per 100
Short.....		4.00 per 100
Specials billed accordingly.		

CARNATIONS, good...	\$3.00 to \$4.00
Special fancy.....	5.00

CHRYSANTHEMUMS

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.
Pompons, perb'ch, 25c, 35c, 50c ea.	
Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley, \$1.00-\$5.00 per 100	
Violets, double...50c to 1.00 per 100	
Ferns.....	2.50 per 1000
Asparagus.....	bunch, 35c to 50c each
Sprenger.....	bunch, 25c to 35c each
Order here and get satisfaction	

FOR THANKSGIVING

Beauties--Roses

CARNATIONS - 'MUMS - POMPONS - VIOLETS
SWEET PEAS-VALLEY-LILIES-GREENS-Etc.

Everything you need in Cut Flowers and Greens in quantity. Make up your order from the price list below and forward it to us as early as possible. Do it today.

Thanksgiving Price List. In Effect November 20.

American Beauties	Per Doz.	Per 100	Per 100
Extra Special	\$5.00	Sunburst	4.00 to 10.00
36 to 40-inch	4.00	Ward	4.00 to 10.00
24 to 30-inch	3.00	Mrs. Chas. Russell	5.00 to 20.00
18 to 20-inch	2.50	Roses, our selection	4.00
12 to 15-inch	\$1.50 to 2.00		
		Carnations	
Roses	Per 100	Carnations, common	\$2.00 to \$3.00
Richmond	\$4.00 to \$10.00	fancy	4.00 to 5.00
Killarney, white, pink	4.00 to 10.00	Miscellaneous	
Killarney Brilliant	4.00 to 10.00	Orchids	per doz. \$ 6.00 to \$ 7.50
Ophelia	4.00 to 10.00	Mums	per doz. 1.50 to 4.00
Milady	4.00 to 10.00	Pompons	bunch .35 to .50
My Maryland	4.00 to 10.00	Easter lilies	per 100 10.00 to 12.50
		Sweet Peas	per doz. \$.75 to \$ 1.50
		Paper Whites	3.00
		Stevia	1.50
		Valley	4.00 to 5.00
		Violets	.50 to 1.00
		Adiantum	.75 to 1.50
		Asparagus strings	each .50 to .60
		Asparagus bchs	each .25 to .50
		Smilax	per doz. 2.00
		Sprengeri bchs	each .25 to .50
		Galax, green	per 1,000 1.25
		Ferns	per 1,000 2.50
		Boxwood	50 lb. cases 7.50
		Boxwood	per bunch .25
		Wild Smilax	large cases 5.00

Subject to change without notice.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONS: { Central 2571
 " 2572
 Auto. 48-734

CHICAGO

Bigger Supply Than Ever

FOR THANKSGIVING

Several Chicago retail florists used stock obtained from us in their exhibits at the Chicago Show last week and in nearly every instance won first prize where quality was taken into consideration.

THANKSGIVING PRICE LIST

American Beauties	Per doz.	ROSES	Per 100	Per 100	
Extra Special	\$5.00	Hoosier Beauty	4.00 to 20.00	Paper Whites	3.00
48-inch	4.00	Russell	5.00 to 20.00	Stevia	1.50
36 to 40-inch	3.50	Roses, our selection	3.00 to 4.00	Sweet Peas	.75 to 1.50
24 to 30-inch	3.00			Easter Lilies	10.00 to 12.50
18 to 20-inch	2.50	Carnations		Valley	4.00
12 to 15-inch	\$1.50 to 2.00	Carnations, common	2.00 to 3.00	Adiantum	.75 to 1.00
		fancy	4.00	Asparagus Strings	ea. .60 to .75
Roses	Per 100	Chrysanthemums		Asparagus Bchs	ea. .25 to .50
Richmonds	\$4.00 to \$10.00	Mums	per doz. \$1.50 to \$3.00	Sprengeri Bchs	ea. .25 to .50
Killarney, white, pink	4.00 to 10.00	" Ex. fancy	per doz. 4.00	Smilax	per doz. 1.50 to 2.00
Killarney Brilliant	4.00 to 10.00	Pompons	per bh. .35 to .50	Galax, green	per 1,000 1.00
Sunburst	4.00 to 10.00	Miscellaneous		" bronze	per 1,000 1.25
Ward	4.00 to 10.00	Orchids	per doz. \$7.50 to \$9.00	Ferns	per 1,000 2.00
Bulgaria	4.00 to 10.00	Violets	per 100 \$.50 to \$ 1.00	Boxwood	50 lb. cases 7.50
Ophelia	4.00 to 10.00			Boxwood	per bunch .25
Milady	4.00 to 15.00			Wild Smilax	large cases 5.00

Subject to Change Without Notice.

Chicago Flower Growers' Association

Wholesale Growers of Cut Flowers and Plants

182 N. Wabash Ave.,

L. D. Phone,
Randolph 5449

Chicago, Ill.

Cudahy's Beauties

Swept the Deck in Hot Competition in the 100 Class at the Big Chicago Show, November 9-14.

GRUNWALDT BROS. and WM. C. MANKE & CO.

two other Milwaukee Concerns Won Four Prizes in Seven Carnation Entries at the same Show.

We handle the output of the above concerns in addition to the stock of other Milwaukee growers and can supply you at all times with Prize Winning Stock at the most reasonable prices. Place your future orders with us and get the best obtainable. Try us for Thanksgiving and you will not go wrong. Order today.

GUST. RUSCH & CO.

WHOLESALE FLORISTS---JOBBER'S IN

Florists' Supplies

448 Milwaukee Street, MILWAUKEE, WIS.

Boston:

TRADE FAR BELOW NORMAL.

The past week goes on record as being one of the poorest of the season for several years. Every line of stock is practically at a standstill. The shipping business also has been far below normal. Chrysanthemums are at their height and the market is overstocked with them. Prices run from \$4 to \$12.50 per 100 on first class stock. Pompons are plentiful, the average price on nearly every variety being 25 cents and 35 cents per bunch. The rose demand may be considered fair, the prices ranging from \$2 to \$16 per 100. The demand for carnations is poor and consequently the prices are low. Good carnations were sold as low as \$1 and \$1.50 per 100, although many brought \$2. Longiflorum lilies are seen in quantities and move slowly. Lily of the valley also finds a poor market. Orders are being taken for dark red flowers for the Harvard-Yale game at good figures, and it is hoped that the many games played on Saturday will help to stimulate the business as a whole.

NOTES.

At a directors' meeting of the Boston Co-operative Flower Market, November 13, Wm. H. Elliot was re-elected president, John McFarland secretary and Donald Carmichael, treasurer. A house committee was appointed to look after any difficulties that may arise within the market, John McFarland, Chas. Leach and Donald Carmichael being elected.

At a meeting of the committee of subscriptions of the Massachusetts Horticultural Society, it was agreed that \$1,200 should be raised by subscriptions for additional special prizes

for use during 1916. Part of the sum has already been pledged, and not much difficulty is expected in raising the balance.

Wm. R. Nicholson returned November 14 from an enjoyable trip to the chrysanthemum show at Cleveland. He was particularly enthusiastic over a shell pink seedling chrysanthemum shown by Elmer D. Smith & Co.

Thomas Cox, of Dorchester, is cutting an extra fine lot of Cyripedium insigne, as well as some large Bonnafon chrysanthemums. He has 3,000 solanum plants of the large berry type ready for market.

R. & J. Farquhar & Co. have taken over two additional floors in the building where they are at present located. The firm has at present several large landscape contracts which are keeping them busy.

Marion Collins, of Northboro, well known for her field grown sweet peas during the summer months, has purchased a greenhouse in Worcester and will move it to her Northboro establishment.

Norris Comley, of Burlington, Mass., is cutting a fine lot of chrysanthemums, Bonnafon being his leading variety. He also has good Spencer sweet peas, violets and carnations.

The carnations from A. E. Eaton, of South Sudbury, never looked better than they do now. His Matchless are exceptionally fine and it would be difficult to find better.

Libby of Lynn, who recently sold his store in that city, has moved to Benning's, D. C., where he will join his son who has been there for some time.

J. A. Budlong, of Auburn, R. I., has commenced his crop of chrysanthemums with some fine flowers of Yellow

and White Eaton, Patty and Bonnafon.

The Bowling League met at the Boston alleys, November 11. The standings are as follows:

	Won	Lost
Galvin	21	3
Flower Market	20	4
Carbone	13	11
Zinn	11	13
Flower Exchange	9	15
Pansies	9	15
Mc & Mc	7	17
Robinson	6	18

The high string for the evening was rolled by Abrams of Carbone's team with 111. Much interest is shown for the next meeting as Galvin and the Flower Market will roll for the leading place.

F. L. W.

Chicago Bowling.

The team representing the trade in the North Chicago League and called the Florists, rolled the following scores last week:

Players	1st	2nd	3rd
J. Huebner	193	215	159
Lorman	140	147	173
A. Huebner	158	193	150
Price	192	141	231
Olsem	191	171	165
Totals.....	874	867	878

MILWAUKEE, WIS.—Gust. Rusch, of Gust. Rusch & Co. has returned from Chicago where he attended the Grand Floral Festival in the Coliseum. His firm is handling the Cudahy American Beauty roses, which won first prize in the 100 class at the show and also the prize winning Manke and Grunwaldt carnation.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 6269.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant, roses. All orders given prompt attention. Try us!

162 N. Wabash Av., CHICAGO

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.	doz.
Roses, Beauty, speciala.....	5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 15-in.....	1 50
" " 12-in.....	75@1 00
" Mrs. Chas. Russell.....	1 00@2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	3 00@12 00
" Killarney.....	3 00@12 00
" White Killarney.....	3 00@12 00
" Richmond.....	3 00@12 00
" Prince de Bulgarie.....	3 00@12 00
" Rhea Reid.....	3 00@12 00
" My Maryland.....	3 00@12 00
" Mrs. Geo. Sawyer.....	3 00@12 00
" Milady.....	3 00@15 00
" Sunburst.....	3 00@12 00
" Mrs. Aaron Ward.....	3 00@12 00
" Hadley.....	3 00@15 00
" Ophelia.....	3 00@12 00
" Our selection.....	3 00@5 00
Carnations.....	2 00@5 00
Cattleyas..... per doz.,	6 00@7 50
Gardenias..... per doz.,	3 00@4 00
Chrysanthemums..... per doz.,	\$1.50 to \$4.00
Pompons, per bunch.....	25c @ 50c
Gladioli.....	2 00@6 00
Lilium Harrlaii.....	10 00@12 50
Sweet Peas.....	1 00@1 50
Valley.....	4 00@5 00
Violets, single.....	75@1 50
Violets, double.....	5@1 00
Adiantum Croweanum.....	1 00@1 50
Ferna.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@1 00
Mexican Ivy..... per 1000,	5 00@6 00
Plumosa Strings..... each,	60@75
Smilax..... per doz.,	2 00@2 50
Sorengeri, Plumosa Sprays.....	3 00@4 00
Boxwood, 25c per lb.	

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

Mention the American Florist when writing



A. L. Randall Co.,

Wabash Ave. and Lake St.,
CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.
Send for complete list and prices.

Booking orders for delivery now or later.
\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO.,

1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SUPPLY FAR EXCEEDS DEMAND.

The shipments to the market are still much in excess of the demand and tax to the limit the resources of the wholesale men in disposing of them, so that the returns may be in a measure satisfactory to the growers. Chrysanthemums are now at their height; great quantities of the standard sorts in large flowered varieties are seen on every hand, while oceans of pompons from indoors and out, fill in the corners and cover the tables of the wholesale houses. Prices hold fairly well with conditions as they are. Quality and quantity are seen in the rose stock, there being an abundance of all the popular sorts. Customers in the stores now have a great time making their selections amongst the many really good things to choose from. The miniature George Elgar, yellow, is selling up well with Cecile Brunner, the pink Sweetheart, which is so deservedly popular. Snapdragons are now quite a factor, there being more variety in color and higher grade stocks than ever offered before at this season. Violets are much improved, the singles, as well as the New York doubles, which are now shipped to this market, arriving in splendid condition. They will have their inning now before the sweet peas arrive, after which time they have very rough sledding. Some very good Spencer sweet peas have already been offered; stems rather short, but flowers very fair. Carnations are rapidly getting into winter form; in spite of rumors of stem rot, there appears to be a full supply. Easter lilies move slowly and lily of the valley is again to be had in quantity. Cattleyas are scarce, in so much that one dollar each was the quotation with some of the wholesalers the past week.

NOTES.

The newspaper reports of the funeral of the late Peter A. B. Widener, the traction magnate of this city, gave the value of the flowers as from \$20,000 to \$25,000. Wm. Kleinheinz, the gardener of the estate, believes that this estimate was not far out of the way, as there were many large pieces, mostly wreaths, composed almost entirely of cattleyas and lily of the valley. The blanket of over 1,500 cattleyas and lily of the valley was from Thorley, a truly magnificent piece of work. There were many costly wreaths and sprays from this city. With such demand there was little effect on the market which goes to show how wonderfully the trade is growing.

The H. Bayersdorfer & Co.'s business has grown so big that it has burst its bounds and a warehouse and factory which will add about 50 per cent more room in the rear of their present building has been secured. With all their increased facilities the company can hardly keep pace with their growing business.

A new flower shop called the Ideal has been opened on 52nd street above Market. Miss A. Walker, who is making the venture, was until recently bookkeeper for John C. Gracey. This is a busy retail street in the residence section where good business may be built up.

Wholesale Flower Markets

BOSTON, Nov. 17.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@ 5 00	
" Double White Killarney.....	1 00@ 6 00	
" Killarney Brilliant.....	2 00@ 8 00	
" Hadley.....	2 00@10 00	
" Cardinal.....	2 00@12 00	
" Mock.....	2 00@ 8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
" My Maryland.....	2 00@ 8 00	
" Ward and Hillingdon.....	2 00@ 6 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	50@ 1 00	
select.....	1 50@ 3 00	

BUFFALO, Nov. 17.		Per 100
Roses, Beauty, special.....	30 00@35 00	
" fancy.....	20 00@25 00	
" extra.....	12 00@15 00	
" No. 1.....	8 00@12 00	
" No. 2.....	3 00@ 5 00	
" Killarney.....	3 00@ 7 00	
" White Killarney.....	3 00@ 7 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	4 00@ 7 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
" Ophelia.....	4 00@12 00	
" Mock.....	3 00@ 6 00	
" Francis Scott Key.....	4 00@10 00	
" Sawyer.....	3 00@ 8 00	
" Russell.....	8 00@12 00	
" Hadley.....	8 00@12 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00	
Lilica.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 00@ 3 00	
Chrysanthemums.....	5 00@25 00	
Snapdragons.....	1 00@ 2 00	
Violets.....	50@ 60	
Aparagau Sprengeri.....	35@ 50	
Ferns.....per 1000,	2 50	
Smilax.....	15 00	

CINCINNATI, Nov. 17.		Per 100
Roses, Beauty.....per doz.,	\$0 75@ \$3 00	
" Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 6 00	
" Richmond.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Gigantum.....	6 00@10 00	
Asparagus Plumosus.....per bch.,	25c	
Orchids.....per doz.,	5 00@ 6 00	
Chrysanthemms.....	6 00@20 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@ 6 00	

The attendance at the recent Philadelphia flower show was very disappointing. Something very radical will have to be done to get the public interested, if the gate receipts are to break any records at the big spring show.

The display of cut roses made by the Joseph Heacock Co. at the chrysanthemum show last week was the finest exhibit of its kind ever made in this city and well deserved the medal awarded by the judges.

Berger Brothers are pleased with the increase in their business as the season advances. High class Major Bonnaffon chrysanthemums and a splendid assortment of pompons are now the leaders.

Edward Reid is putting a Vim car on the street to handle his increasing deliveries. American Beauty roses and

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley
Chrysanthemums in variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express dept.

1619-21 Ranstead St., PHILADELPHIA, PA.

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

Mention the American Florist when writing

cattleyas are features here. Splendid chrysanthemums are seen in quantity.

It's Thanksgiving time with the Leo Niessen Co., and preparations for a great extra demand are completed. Chrysanthemums and high grade roses are leaders.

The Robert Craig Co. made a great hit with their quality stock at the Cleveland show. Many satisfactory sales were made.

Chas. H. Grakelov announces the opening of his new flower shop at Broad and Cumberland streets, November 19-20.

Choice single violets are a special with the Philadelphia wholesale florists' exchange.

New York.

ENORMOUS OVERSUPPLY.

The wholesale district is literally swamped with stock. There seems to be an improvement in retail business throughout the city, but all that the retailers can use makes little impression on the wholesale market in the way of a clean-up. The supply of chrysanthemums is enormous. The later varieties, Col. Appleton, Maj. Bonnafon, Wm. Turner, Chadwick, Roman Gold, Elberon, Ivory and others are now in large supply and added to them is an immense stock of the pompons and hardy varieties. Fine stock of the larger blooms is selling for \$2 and \$2.50 per dozen, wholesale. Bonnafon, recognized as a standard flower of its class, is hard to move at \$1 to \$1.20 per dozen. There is no such thing as a clean up on roses, excepting American Beauties. It is true that there is a demand for a certain amount of good tea rose stock, but what does not sell the day it comes in stands a poor chance for the next. About the same may be said of carnations. The prospects for the Yale-Princeton football game at New Haven, November 13, pushed up the price of violets to 75 cents per 100 on November 12, but before noon of the following day, they were down to 40 cents, heavy shipments having arrived in the meantime. While there is no glut of orchids, there are plenty to supply the demand. The supply of lilies, lily of the valley, sweet peas and snapdragons is ample and the tendency of prices is downward. The weather is exceptionally fine for November, but it does not appear that either present weather or market conditions can long continue.

November 15.—The surplus of stock continues and prices are very low. In chrysanthemums the white stock seems to be the slowest. There is a great surplus of pompons and no prices worthy of note. Carnation prices are nearly down to zero and the same can be said of the surplus rose stock. Violets can be bought for \$2.50 per thousand, and going largely to the street vendors.

NOTES.

It has recently been made public that the American Museum of Natural History, frequently mentioned in these columns in connection with the fall flower shows, received a bequest of \$5,128,836 in the will of Mrs. Maria De Witt Jessup, who died in this city June 17, 1914. She was the widow of Morris K. Jessup, who died in 1908, and had been president of the museum for over 25 years. He gave the institution more than \$1,000,000 in his lifetime and bequeathed it another \$1,000,000 in his will. Mrs. Jessup also bequeathed \$25,000 to the New York Botanical Gardens and \$25,000 to the New York Zoological Society. The total estate has been appraised at \$12,672,792. Her bequests to religious, educational, charitable and scientific institutions aggregate \$8,599,991. She left no children, but nephews, nieces and other relatives, and servants were well remembered.

Relating to the discussion on street vendors of flowers: If there was no surplus there would be few street men. We think it all hinges on the question, Is it not better to have stock sold on the street than to have it go to the dump? In this city, fruit, candy and other stock that is non-perishable, is sold on the street, and we believe it is true of all cities. Why then, should there be discrimination against the flower vendors? The fourteenth amendment of the constitution of the United States says that no state may "deny to any person within its jurisdiction the equal protection of the laws." In a recent

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

opinion delivered by Justice Hughes for the United States supreme court, it was stated: "It requires no argument to show that the right to work for a living in the common occupations of the community is of the very essence of the personal freedom and opportunity that it was the purpose of the amendment to secure."

We hold no brief for the street vendors, but have one time and another, heard much talk about "suppressing" them.

Calling recently at the store of Henry L. Bantelman, 1875 Amsterdam avenue, we found business quite active, and a good stock of plants and flowers, much of which is grown at his own range, in Yonkers, N. Y. Mr. Bantelman spends much of his time at the range, while Mrs. Bantelman looks after the store, which is good team work.

E. H. Behere, one of the most successful rose growers of Madison, N. J., who ships to this city, was taken to the Morristown hospital November 6, and underwent an operation for gall stones. He is now reported to be progressing favorably. His stock is being handled by Moore, Hentz & Nash of the Coogan building.

Thos. F. Galvin, Inc., Fifth avenue and 46th street, are displaying in their show window, duplicate corsage bouquets, of orchids and violets of one they arranged for Mrs. Norman T. Galt on her recent visit to this city. They also show a letter of thanks for the bouquet, from Mrs. Galt, through her social secretary.

Calling on Frank Traendly at his home, 991 Ocean avenue, Brooklyn, November 10, we found him up and about and cheerful. He has had quite a tussle with the grippe, but seems now to be well on the road to recovery. It is needless to add that his cheerful presence has been missed in the wholesale district.

The fact that chrysanthemums are plentiful and cheap, enables the retailers to make lavish use of them in window displays. At the store of the Cathedral Florist, 2840 Broadway, we recently noticed an exceptionally fine display of chrysanthemums in a number of leading varieties.

One of the busiest retailers of upper Broadway is Costos Sakelos, the Colonial Florist, at Broadway and 157th street. Although his main store is there, he has several branches in other parts of the city, and he is one of the busiest buyers in the wholesale district.

M. M. Voit, well known in the retail trade of this city, has opened a stand for the sale of cut flowers, plants and bulbs in the McCormick department store, Fifth avenue and Ninth street.



John Young & Co.

Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Mention the American Florist when writing

Brooklyn. He is a clever man and we wish him success.

At the store of J. G. Papadem & Co., 2907 Broadway, we have recently noticed fine window decorations of chrysanthemums with finely fruited and colored Otaheite oranges, which indicates progressive growing.

Henry L. Baylis, who sells the Dailledouze Brothers and Edward Asmus stock in the rooms of the New York Cut Flower Co., has recovered from his recent illness and returned to business.

Leo Klein, 767 Lexington avenue, arranged a fine wedding decoration at the North Presbyterian church, November 10. White chrysanthemums, autumn foliage and foliage plants were used.

A. Ehmann, 2112 Broadway, has recently had a number of fine wedding decorations, and we have reason to know that he has been very successful in pleasing his customers.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3864 Madison Square

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Mever.
 Phones: 1664 Madison Square, 1665 Square, **34 W. 28th St., New York**
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
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 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 6879 Madison Square.

Walter F. Sheridan
Wholesale Florist
 Telephone Call: 3532-3533 Mad. Sq. **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing

Roman J. Irwin reached home from Cleveland November 15. He thinks the Cleveland show was very fine and the best chrysanthemum show ever held in this country.

John Young reached home from the Cleveland show November 11. He reported meeting a number of members of the "Old Guard;" also, that the show was very fine.

Alexander Donaldson, of Elmhurst, is bringing to market very fine stock of the chrysanthemums, Wm. Turner, Roman Gold and Elberon.

D. J. Pappas, a well known Broadway florist, recently had a large funeral order, in the filling of which the pall was of Mignon roses.

BOWLING, -NOVEMBER 11.

W. P. Ford	147	159	158
P. Jacobson	142	161	146
H. C. Riedel	132	160	143
C. W. Scott	144	161	145
J. Miesem	175	149	182
A. Kakuda	163	140	153

A. F. F.

BATTLE CREEK, MICH.—Kimball Kleckner, proprietor of the Flower Shop, West Main street, was seriously hurt in an automobile accident, November 5.

MINNEAPOLIS, MINN.—C. G. Anderson, of the Minneapolis Floral Co., will act as instructor for a class of students in horticulture recently organized at the Central high school.

Wholesale Flower Markets

	NEW YORK, Nov. 17.	Per 100
Roses, Beauty, special	20	00@25 00
" " extra and fancy	15	00@20 00
" " No. 1 and No. 2	8	00@10 00
" Prima Donna, special	15	00
" Alice Stanley	1	00@ 8 00
" Prince d'Arenberg, special	6	00
" Francis Scott Key, special	8	00
" Mrs. Geo. Sawyer	1	00@ 6 00
" White Killarney, special	4	00@ 5 00
" Killarney, My Maryland	4	00@ 5 00
" " special	4	00@ 5 00
" " No. 1 and No. 2	50	@ 2 00
" " Queen	50	@ 6 00
" " Brilliant	50	@ 6 00
" Aaron Ward	50	@ 8 00
" Richmond	50	@ 6 00
" Sunburst	5	@ 8 00
" Taft	50	@ 6 00
" Milady	50	@ 6 00
" J. L. Mock	1	00@ 8 00
" Hadley	1	00@ 8 00
" Ophelia	50	@ 6 00
" Mrs. Chas. Russell	1	00@ 8 00
" Hoosier Beauty	1	00@ 6 00
" Cattleya Orchid, special	40	@ 50 00
" " inferior grades	20	@ 30 00
" Lilies, Longiflorum and Harrisii	3	00@ 4 00
" Lily of the Valley	2	00@ 3 00
" Carnations	50	@ 1 00
" Bouvardias	1	50@ 2 00
" Adiantum Croweanum and Hybridum	1	00
" Aparagna Plumosa, doz. bchs.	1	00@ 1 50
" Smilax, doz. strings	75	
" Chrysanthemums, special, per doz.	1	00@ 2 50
" " inferior grades per doz.	25	@ 75
" Gardenias, single, per doz.	2	50@ 3 00
" " double	25	@ 40
" Violets, single	25	@ 25
" " double	25	@ 35
" Sweet Peas, orchid flowered	50	@ 75

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.
Mention the American Florist when writing

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 898 and 897 Madison Square.
20 Years' Experience.
Mention the American Florist when writing

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
Orchids, Roses, Carnations and all the other best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
Mention the American Florist when writing

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
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119 West 28th Street NEW YORK
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George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.
Mention the American Florist when writing

M. C. Ford
121 WEST 28th STREET NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.
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WHOLESALE FLORISTS

S. Grunwaldt
 34 West 23rd St. New York
 Consignments Solicited

THIS OFFER WILL BE RECALLED IN NOVEMBER
BOXWOOD SPRAYS

CHRISTMAS IS NOW ONLY 35 DAYS OFF

You will want some of our choice BOXWOOD SPRAYS for the holidays. If you will send us your order for 100 lbs. or more now, for shipment to be forwarded by express at your command, we will allow you a special discount of 10% from our guaranteed season's price. A very high quality of sprays at a low quotation should interest you, coming straight from the old plantations of our southern states. Take advantage of this special offer today—it's worth considering.

Waynesburg, Pa., November 9, 1915.
 "THE PITTSBURGH CUT FLOWER CO.
 In regards to Boxwood Sprays, Please send same amount as last year, and same kind. I imagine it was the dwarf, for it was such pretty green sprays without waste. It wasn't woody. And ship also ten pound case of Mistletoe and oblige.
 Very truly,
 M. R. HILL."

Pittsburgh Cut Flower Company
 BOXWOOD SPECIALISTS 116-118 SEVENTH ST., PITTSBURGH, PA.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING.
 Write us for our sample folders, cuts and slides for advertising:

Fall Planting Thanksgiving
 Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

McNEFF-SWENSON CO.
 High Grade Floral Publicity.
 818-819 Transportation Bldg.
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FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green Per 100

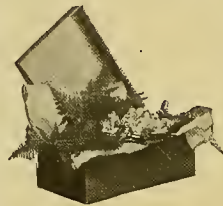
20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope	7 50
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.
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HOLLY WREATHS
W. G. Williams & Son
 SELBYVILLE, DEL.
 Send us your orders.

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H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

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Green and Bronze Galax, Etc.

Rhododendron Leaves,
 50c per 1000; case of 5000, \$2.00.

ELK GALAX & FERN CO.,
 TERMS CASH. BANNER ELK, N. C. Goods Guaranteed.



SOUTHERN WILD SMILAX

50 lb. case.....\$2.00
 Wire or write.

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Southern Wild Smilax
 \$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
 Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

CASE HOLLY

Good green heavy berried stock.
 Single case.....\$3 75
 Five or more.....3 50
 Delivered to points east of the Mississippi river.

HOLLY WREATHS.
 Made on round hoops from the best glossy green holly with four large clusters of berries.
 14-inch wreaths..... per 100, \$10.00
 18-inch wreaths.....per 100, 14.00
 Case lots delivered free. Less than case lots f. o. b. shipping point.

BOXWOOD SPRAYS.
 Bright, clean stock. 25 lbs. lots or more, 10c per lb. f. o. b. shipping point. Ask for prices on 500 lb. lots or more.

CASH WITH ORDER.
H. AUSTIN, FELTON, DEL.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

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WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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Members of The Florist Telegraph Delivery.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

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ALPHA FLORAL CO.

148 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

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25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

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NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

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NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists: **NEW YORK**
We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
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522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

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310-312 West Chestnut Street

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Matthews the Florist
Established in 1883.
Greenhouses and Nurseries in Riverdale.

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

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946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York. *Mention the American Florist when writing*

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J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

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La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

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Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

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1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archbas Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Geo. H., Cona, Ave. and L, Washington.
- Dard's, 44th and Madison Ave., New York.
- Dentoo Floral Co., Denton, Tex.
- Duerf, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Helml & Son, J. G., Terre Haute, Ind.
- Hederson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Lehorius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Paley, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Pndesta & Baldoechl, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Rueter's, New London, Conn.
- Rueter's, Norwich, Conn.
- Rueter's, Westerly, R. I.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Pt. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Clgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., Washington.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stump, G. E. M., New York.
- Walker Co., The F., Louisville, Ky.
- Welland, M., Branston, Ill.
- Whitted Floral Co., Minneapolis, Minn.
- Witthold, G., Co., 737 Rockingham Pl., Chicago.
- Wolfkill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

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John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

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Price \$3.00 Postpaid.

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602 Davis Street, EVANSTON, ILL.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists
Filling Telegraph Orders.

- Albany, N. Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Fraueafelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lag Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Deutou, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincola, Neb.—C. H. Frey.
- Lincola, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August B. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schilling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Omaha City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Sweboda, Faroam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. R. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Hehl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
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2139-2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus

Mention the American Florist when writing

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224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

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FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

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The Cleveland Cut
Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

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St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

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EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

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Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist

Only
the
Best
Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

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799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



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The FLORIST

All orders carefully filled under the supervision of
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Member Florists' Telegraph Delivery.

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Rochester Phone, 506 Long Dist. Bell Phone 2189
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1181 E. 71st St.
The Largest Growers of Flowers in City
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Main and McKinney Phone, Preston 160
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Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heintz)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

DULUTH FLORAL CO.
200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.
Mention the American Florist when writing

Newark, Ohio.
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Member of Florists' Telegraph Delivery.
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TERRE HAUTE, IND.
THINK OF HEINL'S
Mention the American Florist when writing

St. Louis, Mo.
WIRE
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KANSAS CITY, MISSOURI.
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FLOWERS
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CHICAGO
Engel
The Palmer House Florist
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Mention the American Florist when writing
C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.
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GEORGE RYE
"Some Florist"
The Plaza, Ft. Smith, Ark
Mention the American Florist when writing

Springfield, Ill.
A. C. Brown
217 South Fifth Street
Springfield, Ill.
Mail and telegraph orders given prompt attention.

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.
Mention the American Florist when writing

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.
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Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.
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OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of The Florists' Telegraph Delivery.

Portland, Maine.
Floral Designs and
Choice Cut Flowers
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PHILIPS BROS, 938 Broad St.
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Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

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HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.
H. W. BUCKBEE.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

SPECIAL VALUES in ARAUCARIAS



Araucaria (Norfolk Island Pine)

Araucaria Excelsa

	Each
6 inch pots, 16 to 18 inches high, 4 to 5 tiers,	\$0.75
6 inch pots, 18 to 20 inches high, 5 tiers,	1.00
6 inch pots, 22 to 24 inches high, 5 to 6 tiers,	1.25

Also a limited stock of 4 inch pots, 5 to 6 inches high, 30c each.

Araucaria Robusta Compacta

	Each
7 inch pots, 16 to 18 inches high, 3 to 4 tiers,	\$1.50
7 inch pots, 18 to 20 inches high, 4 tiers,	2.00

Araucaria Glauca

	Each
7 inch pots, 14 to 16 inches high, 3 to 4 tiers,	\$1.25

HENRY A. DREER

714-716 Chestnut Street

PHILADELPHIA, - - - PA.

The above prices are intended for the trade only.

Special Offer of

Choice Plants for November, and Thanksgiving Trade

Begonia "Glory of Cincinnati"

Strong plants in bud and bloom, 3 inch, 4 inch, 5 inch and 6 inch pots, at 25c, 40c, 50c, 60c, 75c, \$1.00 and \$1.50 each; these are the finest stock we have ever been able to offer so early in the season. We especially recommend Begonia "Melior" for its grand lasting qualities.

Begonia "Melior"

Cyclamen Giganteum

This strain is our own personally selected strain, and we do not believe it can be had better anywhere; strong plants, 4 inch, 5 inch, 6 inch pots, at 25c, 50c, 75c, \$1.00 and \$1.50 each. These plants are full of buds, and we will have a limited amount in for Thanksgiving Trade. Kindly let us know your wants early, and we will reserve plants to the best of our ability.

Pandanus Veitchii

Strong heavy plants nicely variegated, at \$1.00, \$1.50, \$2.00, \$2.50 and \$3.00 each.

Dracaena Massangeana

5 inch and 6 inch pots, good value at 75c, \$1.00 and \$1.50 each.

Asplenium Nidus Avis (Bird's Nest Fern)

We have a choice stock to offer, in 4 inch pots only, at \$50.00 per 100.

Adiantum Farleyense

Nicely finished 3 inch pots at 25c each, 4 inch pots at 50c each; suitable for choice table decorations.

We make a specialty of the above mentioned plants, and feel sure that we can give you entire satisfaction

J. A. PETERSON & SONS

McHenry Avenue, Westwood,

CINCINNATI, OHIO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

GOOD Delaware and Maryland holly is said to be scarce this season.

TELEGRAPHIC advices indicate frosts in the south, helpful in coloring the holly foliage.

J. C. VAUGHAN has been reappointed member of the Illinois State Art Commission by Gov. Dunne.

PHILADELPHIA, PA.—W. Atlee Burpee has moved from the Carlton hotel to his home at Fordhook.

WICHITA, KAN.—The Marlow Seed Co. will erect an addition to its building at 119 West Douglas avenue.

SALESMEN who travel for market garden trade are already active in the suburbs of large cities for 1916 orders.

NEW YORK.—Vaughan's Seed Store received a cable order this week for a thousand sacks of seed potatoes for India.

CHAS. P. GUELF, of the Jerome B. Rice Seed Co., Cambridge, N. Y., will locate his family at Chicago for the winter.

CHICAGO.—Prices for grass seed on the Board of Trade, November 17, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

BALTIMORE, MD.—Charles J. Bolgiano, of J. Bolgiano & Son, has been elected a member of the board of directors of the Merchants' Club.

SAN JOSE, CALIF.—Miss M. W. Williams, of the California Seed Growers' Association, is visiting the San Diego fair with her mother.

SLIGHT freezing of the soil every night reminds the counter trade seedsman that fall bulbs for outdoor planting should be closed out.

SOME snow and colder weather prevails in Wisconsin, November 16, affecting further picking of bouquet green and possibly future prices.

FOREIGN buyers are reported not only willing to contract for American grown onion seed of 1916 crop, but are asking for prices on onion bulbs for seed.

ONION SET warehousemen are busy seeking out stray crates of stock inclined to sprout and root which menace safe keeping of the best stocks.

A. R. BEATY, federal master at Pittsburgh, took testimony in the Sherman anti-trust suit against the Western Cantaloupe Exchange last week.

VISITED CHICAGO: C. N. Keeney, LeRoy, N. Y.; A. L. Rogers, Alpena, Mich.; J. W. Edmundson, of the California Seed Growers' Association, San Jose, Calif.

IT is considered very doubtful if southern French grown flower seeds will come through. Such French growers as Lille, Davy and Cesbron share in this view.

TUBEROSE reports are mixed, the consensus pointing to a crop much below the average, yet probably sufficient for the American trade, export business not being 10 per cent of former totals.

WAKEMAN, O.—Charles S. Clark, Jr., and Miss Esther French were married here at noon, October 30. The groom's sister, Miss Hazel Clark, and Harold L. Henderson were married the evening of the same day.

WITH onion seed at boom prices, some growers, as usual, under such conditions, are reported as failing either to winnow or float away the light seed, and the average germination tests of onion for 1916 sales are likely to be lower.

CANNERS' MEETINGS.—Arnold Ringier, of the W. W. Barnard Co., Chicago, says the Indianapolis meeting of the Indiana canners, November 11, was well attended and business brisk. The annual meeting of Wisconsin canners will be held at Milwaukee, November 30. The National Canners' Association meeting will be held at Louisville, Ky., in February.

W. W. BARNARD, president of the W. W. Barnard Co., Chicago, had a serious attack of ptomaine poisoning, November 14. He has been taken to the Presbyterian hospital, but his condition is much improved as we go to press. A. H. Goodwin, of the same firm, who also has been ill, has now left the Wesley hospital and is progressing favorably.

Chick Peas in Arizona.

The chick pea, better known as "garbanzo" in Spanish speaking countries, and much used by Mediterranean peoples and by Spanish-Americans as a food stuff, is covered in "Timely Hints for Farmers, No. 112," issued by the University of Arizona agricultural experiment station, Tucson, under date of October 1, 1915. Climatic and soil requirements, planting, irrigation and cultivation of the several varieties of garbanzos, together with yields, market grades and market requirements are among the different items upon which information is offered in this bulletin. The best varieties are grown in Spain and are given as Fuentesauco, Castilla primera and Andalucia.

Seed Beans.

Bean growers who would avoid a repetition next year of the heavy losses from disease suffered this season are advised by the department of agriculture to give their personal attention to the immediate selection of a stock of seed beans free from disease infection. They should select the seed beans in the pod and not after threshing. It is further advised that beans should not be replanted on the old ground next year, clean seed and rotation being the best crop insurance.

Imports at New York.

The S. S. Noordam, which arrived from Rotterdam, Holland, November 13, brought imports as follows:

H. Frank Darrow Co., 65 cases plants.

A. Rolker & Sons, 77 cases plants, 24 cases bulbs.

Wadley & Smythe, 14 cases plants.

A. T. Boddington Co., 7 cases bulbs, 12 cases roots.

Elliott Auction Co., 4 cases bulbs, 11 cases roots.

Stumpp & Walter Co., 4 cases bulbs.

Peter Henderson & Co., 27 cases bulbs.

McHutchison & Co., 55 cases plants, 5 cases bulbs.

C. Schwake & Co., 12 cases roots.

Burnett Bros., 1 case roots.

H. H. Berger & Co., 3 cases roots.

MacNiff Hort. Co., 92 cases plants.

U. S. Dept. of Agriculture, 11 cases bulbs.

To order and others, 1717 cases plants, 785 cases bulbs, roots, etc. From Havre, France, November 15, 3090 barrels seed, 21 cases plants. From London, Eng., 400 sacks seed.

Catalogues Received.

J. Bolgiano & Son, Baltimore, Md., seeds; Diggs & Beadles, Richmond, Va., seeds; Galloway Brothers & Co., Waterloo, Ia., seeds; R. H. Shumway, Rockford, Ill., seeds; Thornton Bros., Lawrence, Kans., seeds; Archias' Seed Store, Sedalia, Mo., seeds; State Nursery Co., Helena, Mont., seeds, plants, trees, etc.; Henry A. Dreer Inc., Philadelphia, Pa., lawn grass seeds; W. H. Barrett, Adrian, Mich., tomato seeds; The Imlay Co., Zanesville, O., seeds, plants and flowers; Germain Seed & Plant Co., Los Angeles, Calif., seeds and plants; W. Atlee Burpee & Co., Philadelphia, Pa., "The Silent Salesman's Assistant" and "Suggestions on Seed Sowing"; Evergreen Nursery Co., Sturgeon Bay, Wis., nursery stock; Leesley Bros. Nurseries, Chicago nursery stock; Fraser Nursery Co., Huntsville, Ala., nursery stock; H. J. Weber & Sons Nursery Co., Nursery, Mo., plants, trees, shrubs, etc.; The Dahlia Farm, Suffolk Co., N. Y., dahlias; M. Crawford Co., Guyahoga Falls, O., strawberry plants; Elmer D. Smith & Co., Adrian, Mich., chrysanthemums; F. H. DeWitt & Co., Wooster, O., pelargoniums and geraniums.

Wilhelm Pfitzer, Stuttgart, Germany, seeds; H. Cannell & Sons, Eynsford, Kent, Eng., seeds and plants; Arthur De Meyer, Ghent, Belgium, plants, trees, bulbs, etc.; Nonne & Hoepker, Ahrensburg, bei Hamburg, Germany, seeds.

Pieters-Wheeler Seed Company

Growers of
High Grade

SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Company

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Announcement To The Seed Trade

Starting with the 1916 growing season Stokes Seed Farms Company, Inc., will grow the following New Jersey Seed Crops under annual contract:

Pepper	Tomato	Egg Plant	Spinach	Kale
Turnip	Radish	Sweet Corn	Field Corn	Okra

WE are growing these for our own Market Garden Trade and have every reason to feel that we can be of service to other Seed Houses whose trade demands the very best. Our qualifications for this work include: First, men who thoroughly understand seed growing; second, unrivaled climatic and soil conditions, and third, the viewpoint of retail seedsmen. The last named qualification is perhaps the most important, for we are in a position to realize the necessity of true stocks. When men save seed as a bi-product of some other industry sometimes this point is lost sight of. Inquiries will receive close attention.

Stokes Seed Farms Company, Inc.
Moorestown, New Jersey

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
**Kelway's Celebrated
 English Strains**

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,
 Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
 Musk and Watermelon; Pumpkin and
 Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

Order Now and Tell Us When to Ship

**Holly, Bouquet Green, Wreathing, Xmas
 Trees and Xmas Decoration Sundries**

ESTIMATES FURNISHED ON FULL LINE

The particular florist avoids disappointment by placing orders with us.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

SPIRÆA

From Cold Storage Per case
 Gladstone, white, 100 to case.....\$6.50

LILIES (New Crop)

Longiflorum Multiflorum, 9 to 10
 in., 200 to case.....per case, \$19.00

Write for our Fall Trade Catalogue.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
 Cosmos, Mignonette, Verbena in variety.
 Correspondence Solicited.

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand,
 best to be had Valley, giving the best results
 all year round. \$18.00 for 1000; \$9.50 for 500;
 \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at
 moderate prices, \$16.00 for 1000; \$8.50 for
 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

MANN'S

Lily of the Valley

are the finest in existence and their flowers
 bring the best prices on the London mar-
 ket. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

THE MACNIFF HORTICULTURAL COMPANY

54 and 56 Vesey Street, NEW YORK

Mammoth Auction Sales of Boxwoods, Rhododendrons, Rose Bushes, Bulbs, Etc., from Holland, also Local Consignments of Palms, Ferns, Rubbers, Evergreens, Perennials, etc.
Regular Salesdays Tuesdays and Fridays of each week at 11 o'clock, a. m.

Mention the American Florist when writing

IN proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in Variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK and Orange, Conn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

LILY OF THE VALLEY PIPS
Ex Cold Storage
NEW YORK or CHICAGO
Finest Grade of GERMAN and DANISH PIPS
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Water Melon and Okra Seed

Grown for the Wholesale Trade.
Let us have your wants for another season to be grown under contract by us.

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Grown For The Wholesale Seed Trade.
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Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

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Wholesale Price List for Florists and Market Gardeners

The Everett B. Clark Seed Co.
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Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho
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Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

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17 Murray Street, NEW YORK

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Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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Correspondence Solicited. SWEDESBORO, N. J.

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Get Quotations From

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SEEDS WHICH SUCCEED
Bloomsdale Farm.
Bristol, Pa.

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Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
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AVIATOR

Best Intense Scarlet Carnation Ever Placed on the Market.

The Carnation that Growers go many hundred miles to inspect and ten out of ten buy because there is none that will compare with it for productiveness and because its intense scarlet coloring is incomparable. Aviator will produce 30 blooms per plant per season with a heavy crop for Christmas. The flower has a fine full center, stem is thin, wiry and stiff and the calyx non-bursting. Every break develops into a fine flower in a remarkably short time. Aviator is the best buy in Carnation offerings this season so place your order for cuttings immediately.

Cuttings, \$12.00 per 100; \$100.00 per 1000.

The remarkable showing that we made at the Chicago Show—where we won a large number of prizes, ought to be sufficient guarantee that the best place to buy your Carnation cuttings in all the best paying varieties is from us, the old reliable Carnation headquarters.

J. D. Thompson Carnation Co.
JOLIET, ILLINOIS

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

Yokohama Nursery Co., Ltd.
 Woolworth Bldg., New York City

Mr. W. N. CRAIG, Secretary of Gardeners' and Florists' Club of Boston, says: "I don't know of any rose pink carnation which is a better all around sort."

GROW

Miss Theo

See our last week's advertisement.

Rooted cuttings,
 \$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write JOHN BODGER & SONS CO., Contract Seed Growers LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

THE J.C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
 Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.
 Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

NEWPORT, R. I.—V. A. Vanicek, proprietor of the Rhode Island Nurseries, has added 15 acres of land to the property on East Main street.

VISALIA, CALIF.—The forty-seventh annual convention of the California State Fruit Growers' Association will be held here, November 18-20.

BULLETIN No. 76, entitled, "Walnut Culture in Arizona," and treating of the growing of English walnuts in that state, has been issued by the state agricultural experiment station, Tucson.

GAINESVILLE, FLA.—Wilmon Newell has resigned his position as state entomologist for Texas and has accepted the appointment of plant commissioner in charge of the citrus canker eradication movement, nursery inspection and plant quarantine work of the state of Florida.

Colorado Conifers.

The Douglas spruce, *Pseudotsuga mucronata*, from Colorado, is hardy in this climate and promises to be long-lived here, although this tree from the northwest coast, where it grows in its greatest perfection, is not hardy in New England. The other conifers from the interior of the continent are hardy, but are not of much promise as ornamental or timber trees for the eastern states. *Picea pungens*, the well known Colorado blue spruce, which is still largely propagated and sold by European and American nurserymen, will disappoint many planters of trees for its beauty is comparatively short-lived. This tree, growing naturally in small groves by some of the streams of the southern Rocky mountains, becomes at the end of a few years thin and scrawny in habit, with a few short branches on the upper part of the trunk, and is as ugly an object as a tree can well be. In cultivation the blue spruce for several years is compact in habit with wide-spreading branches in regular layers, but as the trees grow older the branches at some distance from the ground grow more rapidly than those at the base of the trunk, and overshadow and gradually kill them. The oldest of these trees in cultivation were raised from seed collected by Dr. C. C. Parry in 1862 and are thus only 53 years old. One of these original trees is growing in the arboretum on the southern slope of Bussey Hill, where, although it is a pathetic object, it is kept to show the planters of this tree what they may expect of it long before it attains half its natural size. For many years there have been growing in the arboretum what have been considered the finest specimens in cultivation of the second of the Colorado spruces, *P. engelmannii*; they formed narrow and compact pyramids, with slender trunks furnished to the ground with short branches, and it was believed until recently that this tree, which is so handsome on the high slopes of the Colorado mountains,

would prove to be the most desirable of all spruce trees for this climate. In the last two or three years, however, the lower branches of these trees have begun to die and, although the trees appear otherwise perfectly healthy and are still growing rapidly, their beauty as specimen trees is much injured.—Arnold Arboretum Bulletin.

Heart-Rot of Oaks and Poplars.

Abstract of an article by George C. Hedcock, pathologist, and W. H. Long, forest pathologist, bureau of plant industry, United States department of agriculture.

The oaks of the United States are diseased by a number of species of fungi which attack the heartwood. Von Schrenk and Spaulding in Bulletin 149, issued by the United States department of agriculture, bureau of plant industry in 1909, entitled, "Diseases of Deciduous Forest Trees," briefly described some of these diseases and also a piped rot of the heartwood of oaks and chestnuts. The oaks of the southwestern and western United States are not used to any extent for lumber and timbers, and are as a rule valuable only for fuel, as in the case of the valley oaks, which attain a large size in valleys in central California, but are usually badly decayed or hollow, and of no value except for cheap fuel. The senior writer in 1909 ascertained that *Polyporus dryophilus* was the chief cause of the deterioration of oaks of the western United States, and E. P. M. Meinecke in 1914, reported a destructive heart-rot of oaks caused by this fungus in California and Oregon, as described in a United States department of agriculture bulletin issued in that year, under the title, "Forest Tree Diseases Common in California and Nevada," and published by the forest service. In Arizona and New Mexico the oaks are diseased almost as badly as in California and Oregon, and *P. dryophilus* is the common cause of decay. In Texas and the adjacent states of Oklahoma and Arkansas the piped rot produced by this fungus is very common, and the valuable white oak (*Quercus alba*) is commonly attacked. To the east and the north the fungus has been found less frequently. In 1912 aspens, attacked by this fungus were found in Colorado, but is not commonly found on this host.

The first indication of the whitish piped rot in white oak is a discoloration of the heart-wood, which assumes a water-soaked appearance. This "soak" may extend from one to ten feet beyond the actually rotting region. When dry this water-soaked heartwood becomes hazel to tawny in color. In final stages the diseased wood is firm, has a white, stringy appearance, and consists of white cellulose strands of delignified wood fibres and other wood structures bounded by areas of apparently sound, but actually slightly diseased and discolored heartwood. Cinnamon brown areas are scattered through the oldest rotted wood.

The rot produced by *Polyporus dryophilus* in the chestnut oak is slightly different from that in white oak. The diseased wood is hazel in color with very narrow concentric zones of ivory-yellow cellulose. The rot caused by *P. dryophilus* in western oaks differs but little from that found in the white oak. The mottled appearance of the rot in the earlier stages is not so pronounced. In the final stage of the rot there is but little apparently sound heartwood.

A reprint from the Journal of Agricultural Research, of the department

of agriculture, under the title "Heart-Rot of Oaks and Poplars Caused by *Polyporus dryophilus*," treats of the subject quite fully, with illustrations, literature cited and suggestions for its control, by elimination as soon as the disease is apparent.

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Prices quoted upon application.

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ROSES, CANNAS Shrubbery THE GONARD & JONES CO., West Grove, Penna.

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For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

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PEONIES and IRIS

Write for list.

PETERSON NURSERY

Stock Exchange Building, CHICAGO

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HEADQUARTERS

California Privet

In any quantity and any size desired.
My Privet has more branches than what
is usually sent out, and I grade better.
Carloads a Speciality.

—ALSO—

Amoor River Privet,
Berberis thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
N. J.

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the American Florist Co.'s Trade Directory. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

FORCING STOCK

The "Made in America" kind right here and available for prompt delivery at a minimum risk and expense.

New French Hydrangeas

Outdoor pot-grown, 6 inch pots. Reduced prices to close out surplus—with 7 to 10 branches, \$25 00 per 100; with 5 and 6 branches, \$20.00 per 100; with 4 branches, \$15.00 per 100.

Bouquet Rose, rosy amber; Gen. de Vibraye, bright rose; La Lorraine, deep pink; Mme. Maurice Hamar, flesh pink; Mme. E. Mouilliere, best white; Radiant, rose-carmine.

Genistas

5 inch pots, compact, shapely plants, \$20.00 per 100. Get some of these attractive yellow-flowered plants to avoid the monotony of too much red and pink material.

Field Grown Roses

Hardy, firm-wooded, northern-grown stock with plenty of stored-up vitality. Send for list of varieties.

JACKSON & PERKINS COMPANY

NEWARK, NEW YORK

PRIMROSES

	Per 100
Forbesii, Obs. Alba, Rosea and Ruby, 2 1/4 in. pot.....	1.50
Obs. Gigantea, 2 1/4 in. pot.....	2.00
Asp. Plumosus, 2 1/4 in. pot, \$17.00 per 1000.....	1.75
Asp. Sprengeri, seedling, \$5.00 per 1000.....	1.00
Vinca Var., 3 1/2 in. pots, cut back..	5.00
Pansy Plants, giant flowering, \$2.50 per 1000.	

CASH

— DELAWARE, OHIO.
 Jos. H. Cunningham,

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

AZALEAS

We have extra fine Azaleas and quote them 12 to 14 inch heads at 75c; 14 to 16 inch heads at \$1.00 each. These prices are good for one week only. Varieties: Vervaeana, Mme. Petrick, Simon Mardoer, Hexe, Mme. Vander Cruyssen, E. Eckhout, Schryvenana, Empress of India, Niobe, J. Llewelyn and Vervaeana Alba.

Geo. A. Kuhl, Wholesale Grower PERIN, ILL.

CARNATIONS

F. DORNER & SONS CO.,
 LaFayette, - - Indiana

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, 2 1/2-inch, at \$9.00 per 100; \$50.00 per 1000. 3-inch, at \$12.00 per 100; \$100.00 per 1000. 4-inch, at \$30.00 per 100.	
Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....	\$3.00 each
10-inch tubs, 40 to 44 inches high, at.....	5.00 each
Kentia Forsteriana, made up, bushy plants, in good tubs.	
7-inch tubs, 3 plants in a tub, 36 inches high, at.....	\$3.00
8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at.....	3.50
8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at.....	4.00
8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at.....	5.00
9-inch tubs 3 plants in a tub, 48 to 54 inches high, at.....	6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at.....	7.50
Asparagus Sprengeri, strong 3-in.....	\$ 5.00 per 100
Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15 00 per 100; strong 5 in. pots.....	25.00 per 100
Dracaena Terminalis, strong 5-in. well colored.....	\$7.00 per doz.; 50.00 per 100
Hydrangeas, French sorts, assorted, and Otaksa, pot-grown; 4-in. pot plants, \$15 00 per 100; 5-in. pot plants.....	20 00 per 100
Adiantum Glory of Mordrecht, 4-in. pot plants.....	\$4.00 per doz.; 25 00 per 100
Adiantum Croweanum, 4-in.....	15.00 per 100
Fern Dish Ferns, all standard varieties.....	100, \$3.00: 1000, \$25.00
Begonia Florence Davenport, extra fine, 5-in., at 40c; 6-in., at 60c.	
Poinsettias, 4-in., ready to bloom, at 15c; 5-in., ready to bloom, at 25c; pans, 6-in., 5 plants to a pan, fine stock at 75c.	

The Storrs & Harrison Co.

PAINESVILLE, OHIO

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Arancaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
 Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
 New York

Mention the American Florist when writing

Alyssum Double Giant

The cut flower variety, 2 in., \$2 00 per 100; \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2 00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2 1/2-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3 1/2-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
 CHICAGO

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember 1916.

BULLETIN No. 315, entitled "Cantaloupe Marketing in the Larger Cities, with Car-lot Supply, 1914," has been issued by the United States department of agriculture. Copies may be secured upon payment of five cents to the superintendent of documents, government printing office, Washington, D. C.

Prices of Indoor Fruits and Vegetables.

Chicago, November 16.—Mushrooms, home grown, No. 1, 20 to 35 cents per carton; lettuce, cases 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, box, 50 cents to \$1.00; tomatoes, four baskets, \$1.25 to \$1.50; cucumbers, dozen, \$1.00.

New York, November 16.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, 75 cents to \$1.00 per dozen; mushrooms, \$1.25 to \$1.75 per 4-pound basket; tomatoes, \$1.00 to \$1.75 per 10-pound basket; radishes, per 100 bunches, 50 cents to 75 cents; lettuce, per basket, 25 cents to \$1.25.

Cutworm Remedies.

Tomatoes, cabbages, sweet potatoes, and other vegetables and garden plants, and especially those which are started under glass and transplanted, are subject to serious injury by cutworms. These pests appear sometimes in great numbers in the spring and early summer, and frequently do severe injury before their ravages are noticed. Their method of attack is to cut off the young plants at about the surface of the ground, and as these caterpillars are of large size and voracious feeders, they are capable of destroying many plants in a single night—frequently more than they can devour. Every year these insects, working generally throughout the United States, have destroyed hundreds of thousands of dollars' worth of crops. By the timely application of remedies, however, as has been demonstrated through field agents and other entomologists of the United States department of agriculture, they readily can be controlled, and large areas have been successfully treated. The usual method of control is by the use of poisoned baits.

MIXING AND APPLYING BAITS.

Take a bushel of dry bran, add one pound of white arsenic or Paris green, and mix it thoroughly into a mash with eight gallons of water in which has been stirred half a gallon of sorghum or other cheap molasses. This amount will be sufficient for the treatment of about four or five acres of cultivated crops. After the mash has stood for several hours, scatter it, in lumps about the size of a marble, over the fields where the injury is beginning to appear and about the bases of the plants set out. Apply late in the day, so as to place the poison about

the plants before night, which is the time when the cutworms are active. Apply a second time if necessary.

CUTWORM TRAVEL PREVENTATIVE.

When cutworms occur in unusual abundance, which happens locally, and sometimes generally, in some seasons, they exhaust their food supply and are driven to migrate to other fields. This they do literally in armies, assuming what is called the army-worm habit. At such times it is necessary to treat them the same as army worms. While the methods which have been advised are valuable in such cases, they may be too slow to destroy all the cutworms, and other methods must be employed. These include trenching, ditching, the plowing of deep furrows in advance of the traveling cutworms to trap them, and the dragging of logs or brush through the furrows. If the trenches can be filled with water, the addition of a small quantity of kerosene, so as to form a thin scum on the surface, will prove fatal to the cutworms. In extreme cases, barriers of fence boards are erected and the tops smeared with tar or other sticky substances to stop the cutworms as they attempt to crawl over.

SPRAYING WITH ARSENICALS.

In extremely severe attacks by cutworms to choice plants there is sometimes no opportunity to prepare the poisoned bait. In such cases an arsenate of lead or Paris green spray will answer quite as well. In one instance a parsley field was sprayed with four pounds of arsenate of lead to 50 gallons of water; this killed all the cutworms, whereas, if they had been left alone for a day or two longer the field probably would have been destroyed. The result, however, was a perfect stand—the best ever made by the grower. In this case five applications were made.

CULTURAL METHODS AND CROP ROTATION.

Clean cultural methods and crop rotation are advisable, as are also fall plowing and disking, to prevent recurrences of cutworm attacks. Many cutworms can be destroyed where it is possible to overflow the fields, particularly where irrigation is practiced.

Ft. Wayne, Ind.

COOL WEATHER BRINGS IMPROVED TRADE.

With chrysanthemums dominating the market, and stock in generous supply, the arrival of cold weather has stimulated business. The stock is of very fine quality and Eaton, Chieftain Ivory, Dolly Dimple, Bonnaffon and Halliday bring from \$2 to \$4 per dozen. Pompons and singles are also seen in quantity in every variety and have a large demand. Roses are in big sup-

ply and of fine quality and carnations are more plentiful and command good prices.

NOTES.

G. W. Doswell & Co. will hold the formal opening of their new store November 19-20. The store is handsomely decorated and presents a fine appearance with its tile floor and walls of French gray with white woodwork. Miss Maxwell is in charge here. The new branch store on South Calhoun street has also been opened and is in charge of Miss Rhoda Doswell and is also a handsome up-to-date establishment. Business is reported as being very good at both stores.

W. J. Vesey, Jr. has returned from Richmond, Ind., where he attended the November meeting of the state florists' association. He reports a record attendance and a splendid time. W. J. Vesey, Sr., recently entertained a party of friends who attended the Panama-Pacific exposition at a dinner at his home.

The Bradley Flower Shop had the decoration for the Millard reception, using huge vases of chrysanthemums and Sunburst roses in a very artistic arrangement.

H. K.

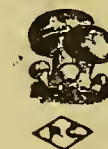
SCHENECTADY, N. Y.—H. E. Eberhardt, a former employe, has purchased the Rosendale Flower Shop from G. E. Kopper.

NEW HAMPTON, IA.—Fire did considerable damage to the office and heating plant at the Robinson greenhouses, October 29.

Vegetable Plants

Lettuce and Cabbage Plants,
\$1.00 per 1000; 10,000 and over 85c per 1000
Parsley Plants, extra strong, for forcing
50c per 100; \$3.50 per 1000

R. Vincent Jr & Sons Co., White Marsh, Md.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark AmericanSpawn Co., St. Paul, Minn

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabl, Leek, Lettuces, Onions, Pess Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world. \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

NEW CARNATION Belle Washburn

A Beautiful Brilliant Red

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N.Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

It has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower $3\frac{1}{2}$ to 4 inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Enchantress family. It has a very spicy odor much greater than the average carnation. It comes in full flower by the first of December and then continues steadily the balance of the season.

The present sharp competition in business requires the grower to plant a variety that always produces high-grade flowers never bursts the calyx, has strong, long stems, is steady and continuous bloomer, no cropper. The color is the most brilliant red of any carnation now in market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Grepps of which 12,000 are for the cut flowers and 18,000 devoted to rooted cuttings.

We will have 100,000 strong, well-rooted cuttings guaranteed all first-class ready for delivery during December. The price of the rooted cuttings will be \$12.00 per 100; \$100.00 per 1000.

BASSETT & WASHBURN

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES
HINSDALE, ILLINOIS.

The E. G. Hill Co.

Wholesale Florists, RICHMOND, IND.

The Shows Are Over—Grand Shows They Were.

We ask the attention of the trade to the quality of our stock which won us

4 First Prizes	} At Chicago	16 First Prizes	} At Cleveland
2 Second Prizes		4 Second Prizes	
1 Third Prize		5 Third Prizes	

and the Chrysanthemum Society's Silver Cup for the 10 best blooms at the show.

Our Specialties: Roses-Carnations-Chrysanthemums

Send for Descriptive List

Our Manetti from Ireland are here. Let us quote you Grafted Stock that you will need for 1916.

High Grade CARNATION CUTTINGS already in the sand. Best sorts only.



THE ROSE
Coming-**CHAMP WEILAND**-in March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

OWN ROOT

100 plants for.....	\$ 30.00
250 plants for.....	70.00
500 plants for.....	125.00
1000 plants for.....	250.00

Orders filled strictly in the Order as booked.

GRAFTED

100 plants for.....	\$ 35.00
250 plants for.....	82.00
500 plants for.....	150.00
1000 plants for.....	300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

THE BOOK OF GLADIOLUS



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE. POTPAID, \$1.25

AMERICAN FLORIST CO.

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7-9 inch (250 bulbs to case).....	\$55.00
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A Few Good Things You Want.

- Geraniums, Nutt, Buchner, Ricard, Perkins Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
- Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
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Cash with order.

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Rooted cuttings of either by parcel post, at \$2.50 per 100.

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IT is unnecessary to remind you of the popularity of Cyclamen as a Christmas plant—but the all important question is are you prepared to meet the demand that is so largely increasing with each holiday season.

It will surely pay you to be prepared—and to fortify yourself with an assortment of these **WITTBOLD QUALITY GROWN CYCLAMENS** is assurance of complete satisfaction on the part of your customers. In the best strains and varieties we offer the following:—

- 3-inch, mixed colors.....\$ 8.00 per 100; \$ 75.00 per 1000
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- 4 inch, separate colors..... 16.00 per 100; 150.00 per 1000
- 5-inch, separate colors..... 30c each
- 6-inch, separate colors..... 50c each

Send for the latest Price Bulletin which shows our complete list of holiday offerings.



Hydrangea hortensis.

TO meet the increasing demand for these favorite plants we have largely increased our stock this season. We offer for immediate shipment the well-known Otaksa and also an assortment of the best French varieties.

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- 5-inch, 3 in a pot.....per dozen, \$3.60
- 5-inch, single plants..... 30c each
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- 7-inch " " 50c each
- 8-inch " " 60c each

FRENCH VARIETIES.

- 5-inch, 3 in a pot per doz., \$4.20.
- 5-in., single plants, 25c ea. 7-in. single plants, 50c ea.
- 6-in., single plants 40c ea. 8-in. single plants, 70c ea.
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739 Buckingham Place, Long Distance Phone CHICAGO
Graceland 1112

Special Sale of
Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4 in. pans.....\$ 4.00 per doz.
- 5 in. pans..... 6.00 per doz.
- 6 in. pans..... 12.00 per doz.
- 7-in. pans..... 15.00 per doz.
- 8-in. pans..... 24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.
Fernish Ferns in flats and 2½-inch pots a Specialty.

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THE FERNERIES
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The new crested beauty. Now ready for delivery. Write for sample.

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Good strong plants ready for a shift or to be divided.

6-inch, 75c each; 8-inch, \$1.25 each.

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Good strong plants

4-inch, 35c each; \$30.00 per 100.

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Well grown plants of best varieties

- 4-inch\$20.00; 5-inch.....\$25.00; 6-inch.....\$30.00 per 100

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CYCLAMEN, assorted colors, 4-inch, large plants in flower and bud.....per 100, **\$20.00**
BEGONIA, Lorraine and Cincinnati, 5-inch, large plants in bud and bloom, good foliage.....per doz., **8.00**
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 4-inch, 3 tiers, doz., **\$ 5.00**
 Per 100..... **35.00**
 5-inch pots, 2 ft. high,
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Aucuba Japonica, ex-
 ceptional value, bushy,
 well furnished at base,
 12-in **\$3.50** 24-in..... **\$ 8.00**
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AZALEA PLANTS—COME AND SEE THEM.

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Providence, R. I.

TRADE SHOWS STEADY IMPROVEMENT.

Trade during the past week has been very satisfactory. The demand for cut flowers is increasing and the call for floral work is brisk and is getting better. Chrysanthemums are arriving in large quantities. The larger varieties are being slowly run out but the smaller sorts are of fine quality. The small Garza chrysanthemums are now seen and are coming in very good. Excellent carnations are being received and snapdragons, which show improvement day by day, find ready sale. White and yellow marguerites of good quality are also to be had.

NOTES.

The T. J. Johnston Co. has arranged one of the most unique and attractive window displays that have been seen in this city for some time. The arrangement consists of a rustic bridge with small vases of flowers. Six small canaries flying about, and which are fed in the window, are part of the picture which attracts large crowds of people. The window is a novelty and the idea is artistically executed.

Olney Williams, of Olney, is cutting some very fine Major Bonnaffon chrysanthemums. He is also sending in some fine stock of the small Ivory variety.
 H. A. T.

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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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Seedling Pansies

In mixed color or separate white, yellow and purple, at

\$4.00 per Thousand.

This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,

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Some Excellent Stock

Liberal extras for early orders. Special prices.
 Size of pots. 100 1000
 2½-in. Asparagus Plumosus\$2.50 \$22.50
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 4 -in Asparagus Sprengeri 6.50 60.00
 2½-in. Begonia, Flowering, 12 kinds.. 5.50 50.00
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 3 -in. Cyclamen. Fine plants..... 7.50 70.00
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 5-6-7-in Dracaena Indivisa, \$15.00, \$20.00, \$25.00 per 100
 Violet Plants. Field grown, Princess of Wales, \$5.00 per 100 \$45.00 per 1000
 Abundance of Stock. Correspondence solicited

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 Wholesale Florist, WASHINGTON, N. J.

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CHRYSANTHEMUM

NOVELTIES For 1916

Prices on application.

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10 CENTS PER LINE, NET.



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Alternantheras, 2-in., \$2 per 100. Geo. M. Emmnus, Newton, N. J.

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Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

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Araucarias, Excelsa, 6-inch, 16 to 18 ins. high, 4 to 5 tiers, 75c each; 6-inch, 18 to 20 ins., 5 tiers, \$1 each; 6-inch, 22 to 24 ins., 5 to 6 tiers, \$1.25; 4-inch, 5 to 6 ins., 30c each. Robusta compacta, 7-inch, 16 to 18 ins., 3 to 4 tiers, \$1.50 each; 7-inch, 18 to 20 ins., 4 tiers, \$2 each. Glauca, 7-inch, 14 to 16 ins., 3 to 4 tiers, \$1.25 each. Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

Araucarias, Excelsa, 5-in., 3 to 4 tiers, 75c each; 6-inch, 4 tiers, \$1; 7-inch, 4 to 5 tiers, \$1.25; 7-inch, 5 tiers, \$1.50 to \$2. Robusta Compacta, 6-inch, 2 to 3 tiers, \$1 each; 7-inch, 3 tiers, \$1.50; 7-inch, 3 to 4 tiers, \$2; 9-inch, 5 to 6 tiers, \$4 to \$5 each. Pöehlmann Bros. Co., Morton Grove, Ill.

Araucaria excelsa, 4-inch, 3 tiers, \$5 per doz.; \$35 per 100; 5-inch, 2 ft., 5 tiers, \$1 each; \$10 per doz.; 6-inch, 2½ ft., 6 tiers, \$1.50 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Hulston & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

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Asparagus plumosus, 2½-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2½-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI.
Strong 2½-inch stock, \$2.00 per 100.
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AZALEAS.

VANDER CRUYSSSEN, VERVANEANA, white and pink. SIMON MARDNER, NIOBE AND MME. PETRICK, well budded, fine stock, 65c, 85c, \$1.10 and up to \$2.50 each, according to the size.

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Azaleas, 12 to 14-inch heads, 75c; 14 to 16-inch heads, \$1 each, Vervaneana, Mme. Petrick, Simon Mardner, Hexe, Mme. Van der Cruyssen, E. Eckhoute, Schryvenana, Empress of India, Niobe, J. Llewellyn and Vervaneana Alba. Geo. A. Kuhl, Pekin, Ill.

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AZALEAS—Van der Cruyssen, Vervaneana (white and pink), Simon Mardner, Niobe and Mme. Petrick, well budded, fine stock, 65c, 85c, \$1.10 and up to \$2.50 each, according to size. ERNEST ROBER, Wilmette, Ill.

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Best stock obtainable in following varieties:
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BEGONIAS—Cincinnati, 2½-in., \$14 per 100; 4-in., \$30 per 100; 5-in., \$50 per 100. MELIOR, 2½-in., \$25 per 100; 4-in., \$50 per 100; 5-in., \$75 per 100. XMAS RED, 2½-in., \$6 per 100; 3-in., \$10 per 100. ERFORDI, 2½-in., \$3 per 100; 3-in., \$6 per 100. PRIMA DONNA, 2½-in., \$3 per 100. SMITHII, 2½-in., \$3 per 100. Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. ERNEST ROBER, Wilmette, Ill.

Begonias, in bloom, Lorraine, 4-inch, 30c; 5-inch, 50c and 75c; 6-inch, \$1; 7-inch, \$1.50 and \$2. Begonia Cincinnati, 4-inch, 35c; 5-inch, 75c; 6-inch, strong, \$1 to \$1.25; 7-inch, \$1.50 to \$2. Pöehlmann Bros. Co., Morton Grove, Ill.

New Begonia, Luminosa Hybrida, far superior to any other begonia in that class. Strong growth; large flowers; free bloomer; 2-inch, \$6 per 100; 3½-inch, \$15 per 100. ALEX. HASSLOCH, Georgetown, Ky.

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Begonia Glory of Cincinnati, Begonia Mellor, 3-in., 4-in., 5-in. and 6-in., 25c, 40c, 50c, 60c, 75c, \$1 and \$1.50. J. A. Peterson & Sons, Cincinnati, O.

Begonia Lorraine and Cincinnati, 5-inch, bud and bloom, \$8 per doz.; 6-inch, \$10 per doz. Vaughan's Seed Store, Chicago and New York.

Begonias, flowering, 12 kinds, 2½-in., \$5.50 per 100; \$50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Begonia Florence Davenport, 5-inch, 40c; 6-inch, 60c. The Storrs & Harrison Co., Painesville, Ohio.

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12-18-in., light10c \$0.80 \$ 5.00 40.00
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18-24-in.20c 1.25 8.00 70.00
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PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.
BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.
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Boxwood, in tubs, bush shaped, 24-inch, \$1 each; \$10 per doz. Pyramid shaped, 2½ ft., \$2 each; \$3.75 per pair; 3 ft., \$2.50 each; \$4.50 per pair; 4 ft., \$4.50 each; \$8 per pair; Standard, 12-inch stem, 12-inch crown, 75c each; \$7.50 per doz.; 15-inch stem, 12-inch crown, \$1 each; \$10 per doz. Vaughan's Seed Store, Chicago and New York.

Boxwood, bushes, 10 to 12-inch, 25c each; 12-inch, 35c; 15-inch, 60c; 18-inch, \$1. Standard Globes, with short stems, 16 to 18-inch heads, \$1 each; 12 to 18-inch stems, 15-inch crowns, \$2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2½ ft., \$1.50; 3 ft., \$2; 3½ ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

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Bulbs, Spirea: Gladstone, \$7 per 100; Queen Alexandra, \$8 per 100. Gladiolus: Blushing Bride, \$5 per 1,000; The Bride, \$7; Peach Blush, \$7.50; Augusta, America, Chicago White, Chicago Salmon, Mrs. Francis King, Panama; write for prices. Lilium Formosum, 7-9-inch, 250 to case, \$55 per 1,000; 8-9-inch, 225 to case, \$65 per 1,000; 9-10-inch, 180 to case, \$75 per 1,000. Lilium Giganteum (new crop), 7-9-inch, 300 to case, \$48 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. General list of Dutch bulbs on hand. Chinese narcissus bulbs, in mats of 120, \$5 per 100. Vaughan's Seed Store, Chicago and New York.

Bulbs to close out, fine 1st size hyacinths, 3 cases of 600 each: Case No. 1: 200 Gertrude, 100 each Gigantea, Gen. DeWet, Mr. Plimsol and Rose Marie. Case No. 2: 100 each Gertrude, L'Innocence, Garibaldi, Gigantea, Rose Marie and Grand Blanche. Case No. 3: 200 Gertrude, 100 each L'Innocence, Gigantea, Rose Marie and Lady Derby, \$35 per 1,000, or \$21 per case. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

Bulbs, Giganteum, 7-9, \$5.50 per 100; case 300, \$15; 8-10, \$8.50 per 100; case 225, \$17.50; 9-10, \$9 per 100; case 200, \$17.50. Lilium Formosum, 8-10, \$8 per 100; case 225, \$17; 9-10, \$9 per 100; case 160, \$14. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Japan grown freestias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Large named Hyacinths, 1st size, \$3 per 100. Single and Double Tulips, narcissus on hand. Send for price list of stock on hand. THOMAS COGGER, MELROSE, MASS.

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Holly, single case, \$3.75; 5 or more, \$3.50. Holly Wreaths, 14-inch, \$10 per 100; 18-in., \$14 per 100. Boxwood sprays, 25 lbs., lots or more, 10c per lb. H. Austin, Felton, Del.

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Canna Firebird, 25 or more. 20c each. Vaughan's Seed Store, Chicago and New York.

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CARNATION PLANTS, strong, field-grown Pink Enchantress, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

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CAREX VARIEGATA. A beautiful low, bushy pot plant for table decoration, 4-inch fine stock, \$5 per 100. We need the room, hence the low prices. WAGNER PARK NURSERY CO., Sidney, Ohio.

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Chrysolora Golden Glow
Smith's Advance White Ivory
Pacific Supreme Diana

50c per doz., \$3.00 per 100; \$25.00 per 1,000. Klondike, Mrs. Ben. Alice Saloman, \$4.00 per 100; \$35.00 per 1,000.

Dr. Enguehard (Pink), Comoleta (Early Yellow), Halliday (Yellow) \$2.00 per 100.

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5 to 6-in., \$25.00 to \$35.00 per 100. 4 1/2-in. plants, \$2.00 per doz.; \$15.00 per 100. Zenobia Garza
Golden Climax Mensa

\$25.00 per 100.

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Chrysanthemums, pot-plants, 5 1/2 and 6-inch pots, 40c, 50c and 60c each; 7-inch, 75c, \$1, \$1.25, \$1.50 and up. Pochlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums. All the leading novelties for 1916. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. Send for list. The E. G. Hill Co., Richmond, Ind.

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COLEUS—Xmas Red, 3-inch, \$5.00 per 100. JOHN KRUCHTEN COMPANY, 162 North Wabash Avenue, CHICAGO, ILL.

COLEUS. Brilliance or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

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Crotons, 5-inch, 50c each; \$45 per 100; 5-inch, strong, 75c each; \$70 per 100; 6-inch pots, \$1 to \$1.50 each. Pochlmann Bros. Co., Morton Grove, Ill.

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Cyclamen Giganteum, Wandsbek type, plants nicely shaped and well budded, ready for immediate shipment; assorted or separate colors:

3 1/2-inch \$ 10.00 per 100
4-inch 15.00 per 100
4-inch, select 20.00 per 100

6-inch, nicely in bloom 50.00 per 100
6-inch, extra select 75.00 per 100
8-inch, exhibition plants 100.00 per 100

All our cyclamen are shipped in paper pots. Cash please.

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CYCLAMEN.

	Per 100	Per 1,000
2 1/2-inch	\$ 5.00	\$45.00
3-inch	8.00	75.00
4-inch, equal to 4-in.	12.50	
4-in.	15.00	
4-in., extra select	20.00	

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Wabash at Lake, Chicago, Ill.

Cyclamen, 3-inch mixed colors, \$8 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

CYCLAMEN GIGANTEUM. My prize strain all need a shift, 3-inch, 8c; 4-inch, 14c; 5-inch, 40c. All heavy plants and plenty of salmon. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN.

CYCLAMEN GIGANTEUM—Wandsbek type—In excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and Salmon colors of the improved Wandsbek. We need the space, 2 1/2-in., \$4 per 100; 3-in., \$7 per 100; 3-in., extra selected, \$10 per 100; 4-in., \$12.50 per 100; 4-in., extra selected, \$18 per 100; 5-in., \$30 per 100. SEEDLINGS—\$20 per 1,000; \$2.50 per 100; 8 varieties equally divided. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

CYCLAMEN, strong flowering plants, 25c to 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 5-inch, 50c; 6-inch, 75c; 7-inch, \$1 and \$1.50 each. Pochlmann Bros. Co., Morton Grove, Ill.

Cyclamen, 8 vars., 2 1/2-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, assorted colors, 4-inch, flower and bud, \$20 per 100. Vaughan's Seed Store, Chicago and New York.

Cyclamen giganteum, 4-in., 5-in. and 6-in., full of buds, 25c, 50c, 75c, \$1 and \$1.50. J. A. Peterson & Sons, Cincinnati, O.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyodburst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAHLIAS—Rare varieties, something good; no junk at living prices. Seed best grade all classes, 25c per pkt. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

DAHLIAS—Heavy field clumps, Yellow Duke, Minnie McCullough, Sylvia, \$4 per 100. J. R. BENJAMIN, Calverton, L. I.

DAISIES.

CHICAGO WHITE.

One of the best.

Special strain, 2 1/2-inch, \$4.00 per 100.

ETOILE D'OR.

2-inch, \$4.00 per 100.

JOHN KRUCHTEN CO., CHICAGO, ILL.

CHICAGO WHITE.

Special strain, 2 1/2-inch, \$4.00 per 100.

ETOILE D'OR.

2-inch, \$4.00 per 100.

A. E. Hunt & Co.

30 East Randolph Street, CHICAGO, ILL.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

BOSTON YELLOW DAISIES, 2 1/2-inch, \$5 per 100. H. P. STRECKFUS, Syracuse, N. Y.

DRACAENAS.

50,000 extra healthy and large field-grown DRACAENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracena amabilis, 6-inch, \$1 and \$1.25 each. Terminalis rosea, 4-inch, 40c each; \$5.50 per doz.; 5-inch, 75c each; \$7.50 per doz. Godseffiana, \$1 per doz. Dieffenbachia magnifica, 50c, 75c, \$1 each. Pochlmann Bros. Co., Morton Grove, Ill.

Dracena indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Starrs & Harrison Co., Painesville, Ohio.

Dracena Massangeana, 5-in. and 6-in., 75c to \$1.50. J. A. Peterson & Sons, Cincinnati, O.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3 1/2-in., \$1.80 per doz.; 2 1/2-in., \$6 per 100. Elegantissima Compacta, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3 1/2-in., \$3 per doz.; 2 1/2-in., \$6 per 100. Elegantissima, Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2 1/2-in., \$6 per 100. Muscosa and Smithii, 5-in., \$6 per doz.; 3 1/2-in., \$3 per doz. HARRISII, 8-in., \$12 per doz. Superbissima, 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2 1/2-in., \$3 per doz. Cibotium Schiedel, Specimens, 10-in., \$7.50 each. Small ferns for paus, assorted varieties, 3 1/2-in., \$15 per 100; 2 1/2-in., \$3.50 per 100.

P. R. Plerson Co., Tarrytown, N. Y.

FERNS.

FERNS.

Boston, 4-inch \$12.00 per 100
Boston, 5-inch 25.00 per 100
Boston, 7-inch75c each
Scotti, 4-inch \$12.00 per 100

JOHN KRUCHTEN COMPANY,

162 North Wabash Avenue, CHICAGO, ILL.

Asplenium nidus avis (Bird's nest ferns) 4-in. paus, \$4 per doz.; 5-in., \$6; 6-in., \$12; 7-in., \$15; 8-in., \$24. Fernish ferns in flats and 2 1/2-in. a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2 1/2-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Adiantum Glory of Mordrecht, 4-inch, \$3 per doz.; \$25 per 1,000. Adiantum Croweannum, 4-inch, \$15 per 100. Ferns for dishes, all standard varieties, \$3 per 100; \$25 per 1,000. The Starrs & Harrison Co., Painesville, Ohio.

Ferns, Boston, Roosevelt and Whitman, 6-in., 50c each; \$45 per 100; 7-in., 75c; 8-in., \$1; 10-in., \$2 and \$2.50; 12-in., \$3 and \$3.50 each. Pochlmann Bros. Co., Morton Grove, Ill.

Ferns—strong pot-grown, 3-inch, \$5 per 100. Aspidium Tsussimensse, Cyrtomium Falcatum. Pteris Serrulata Cristata, Pteris Wilsoni. FLORACROFT GARDENS, Moorestown, N. J.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitman, 5-in., 20c; 6-in., 35c; The Geo. Wittbold Co., 737 Buckingham Place, Chicago, Ill.

BOSTON FERNS. Bushy established, 4-inch stock, \$12 per 100. Heavy 5-inch, \$18. Extra fine, 6-inch, \$27.50 per 100. WAGNER PARK NURSERY CO., Sidney, Ohio.

Asplenium nidus avis, (Bird's nest fern), 4-in., \$50 per 100. Adiantum Farleyense, 3-in., 25c; 4-in., 50c each. J. A. Peterson & Sons, Cincinnati, Ohio.

Ferns, Boston, Scotti, Whitman, Roosevelt, Scholze, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Joseph Hancock Co., Wyncote, Pa.

GENISTAS.

Genistas, 5-inch pots, compact, shapely plants, \$20 per 100. Jackson & Perkins Company, Newark, New York.

GENISTA CANARIENSIS, 4-inch plants ready for a shift at 20c. R. J. SOUTHERTON, Highland Park, Ill.

GERANIUMS.

Geraniums, 2-inch stock; Nutt. Dagata, Ricard, Red Wing, Viaud, La Favorite, Jaulin, Perkins and Oberle, \$2 per 100; \$18.50 per 1,000. Annie Vincent, Atlantis, Luigi Grandi, Poitevine, \$3 per 100; \$25 per 1,000. F. H. DeVitt & Co., Wooster, Ohio.

Geraniums, 15 vars., 2 1/2-in., \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., \$2 per 100; 3-in., \$5 per 100. Geo. M. Emmans, Newton, N. J.

GERANIUMS, mixed varieties, out of 2 1/2-inch pots. Am booking orders for Dec. delivery at \$20 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Geraniums, 2-inch, \$2 per 100; \$18.50 per 1,000; 3-inch, \$3 per 100; \$25 per 1,000. Maryland, \$1 per doz.; \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ROSE GERANIUMS, no greenhouse is complete without some of these. We have a fine lot of 2-inch pots, \$2 per 100; 3-inch pots, \$3 per 100. Cash, less 5%. C. L. HUMPHREY, Zanesville, Ohio.

GREENS.

Costs no more, and quality considered, is worth MORE than DOUBLE. Silliman's every sprig berried brand of mistletoe. Now booking orders December shipment, 25th year. Address A. B. Silliman & Co., Home Office, Boone, Iowa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens, dagger and fancy ferns, 80c per 1,000; case of 5,000, \$3.50. Green galax, 50c per 1,000; case of 10,000, \$4. Green leucothoe, long, \$2 per 1,000; short, \$1. Rhododendron, leaves, 50c per 1,000; case of 5,000, \$2. Elk Galax & Fern Co., Banner Elk, N. C.

Greens, Vaughan's XXX holly, bouquet green, green wreathing, boxwood, laurel, mistletoe, magnolia leaves, Japanese roping, cypress leaves, winter berries, immortelles, ruscus, etc. Vaughan's Seed Store, Chicago and New York.

LYCOPodium bunched, \$7 per 100 pounds, cash. Laurel per crate, \$2.50. Hemlock, 50c to \$1 per bundle. Clark-Florist, 124 Washington Ave., Scranton, Pa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Greens, holly, bouquet green, wreathing, Xmas trees and Xmas decoration sundries. The W. W. Barard Co., 231 W. Madison St., Chicago.

Southern wild smilax, 50-lb. case, \$2. H. S. Worthy, Morris, Ga.

Holly Wreaths. W. G. Williams & Son, Selbyville, Del.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

HOLLYHOCKS.

HOLLYHOCKS in separate colors and mixed; fine large plants, \$6 per 100; smaller plants, \$4 per 100. Cash. JAMES MOSS, JOHNSVILLE, PA.

HYDRANGEAS.

Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chautard, Senateur Henri Davis, Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$3 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

New French hydrangeas, out-door, pot-grown, 6-inch pots, 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20 per 100; 4 branches, \$15 per 100. Bouquet Rose, Geo. de Vibraye, La Lorraine, Mme. Maurice Hamar, Mme. E. Mouilliere, Radiant, Jackson & Perkins Company, Newark, New York.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.
Lily of the valley from cold storage for Christmas flowering. Brun's Celebrated Chicago Market, \$18 per 1,000; \$9.50 for 500; \$5 for 250. Florists' Money Maker, \$16 per 1,000; \$8.50 for 500; \$2 per 100. H. N. Bruos, 3040 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Lochner & Co., Inc., 11 Warren St., New York.

MISCELLANEOUS.

FORCING STOCK.

AZALEA Amoena, 9-12-in., 75c each; Hino-degiri, 10-12-in., 90c each; Mollis, seedl., red, 12-15-in., 40c each; Mollis, seedl., red, 15-18-in., 60c each; Mollis, seedl., yellow, 15-18-in., 40c each.

RHODOENDRON Kate Waterer, pick, 6-10 buds, 12-18-in., \$1 each; John Walter, red, 6-10 buds, 12-18-in., \$1 each; Mmc. Carvalho, white, 6-10 buds, 12-18-in., \$1 each; Sir Henry Havelock, red, 6-10 buds, 12-18-in., \$1 each; Catawbiense Grandiflora, crimson, purple, scarlet, 10-12 buds, 15-in., \$1 each; Pink Pearl, 6-8 buds, 18-21-in., \$2 each; White Pearl, 6-8 buds, 18-21 in., \$2 each.

BERRIED STOCK, Skimmia Japonica, red berries, 1 1/2 ft., 60c each; Ilex Pyramidalis, Holly with red berries, 2 1/2 ft., \$3.50 each. All heavy vigorous stock in fine condition; P. O. B. Dundee. Terms, cash with order.

THE D. HILL NURSERY CO., INC.
Evergreen Specialists,
Largest Growers in America.

Box 404, DUNDEE, ILLINOIS.

AZALEAS, PALMS, ARAUCARIAS.
35 cases of plants have been turned over to me to sell quick.

3,000 Azaleas in variety, from 20c to \$1.50 each.

500 Palms in variety, from 40c to \$2.50.
200 Araucarias, from 30c to \$1.50.
201 Aspidistra plants, 15 Cocos Weddellana.
22 Camellias, 25 Crotons, 12 Dracaenas.
10 Standard and Pyramid Bay Trees.
14 Very Large Palms.

Order early if you want a bargain. Belgian stock will be scarce. Satisfaction guaranteed. Cash or satisfactory reference.

THOMAS COGGER,
Phone Mel. 1475 W.

229 Laurel St., Melrose, Mass.

Alyssum, alternantheras, Begonia Vernon, mixed; coleus, fuchsias, petunias, single and double; Salvia Bonfire, swainsona, \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 per 1,000 for 3-inch. R. Vincent, Jr., & Sons Co., White Msrsh. Md.

Polypodium Maudianum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubbed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

500,000 Trees, Shrubs and Vines. Lining out stock and seeds of same. Get my list. May save you money. Benj. Connell, Florist, Merchantville, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids, Francisco Delgado Q., Bogoto (Chapinero), Colombia.

PALMS.

Palms, Kentia Belmoreana 2 1/2-inch, \$9 per 100; \$80 per 1,000; 3-inch, \$12 per 100; \$160 per 1,000; 4-inch, \$30 per 100; made-up: 8-inch tubs, 36 inches, \$3 each; 10-inch tubs, 40 to 44 inches, \$5 each. Kentia Forsteriana made-up: 7-inch tubs, 3 plants in a tub, 36 ins., \$3 each; 8-inch tubs, 36 to 40 ins., \$3.50; 8-inch tubs, 40 to 44 ins., \$4; 8-inch tubs, 44 to 48 ins., \$5; 9-inch tubs, 48 to 54 ins., \$6; 10-inch tubs, 4 plants in a tub, 54 to 60 ins., \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PALMS.

KENTIA BELMOREANA.

Single Plants.			
	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	.....\$ 0.40
6-inch pots,	6 to 7,	24	..... 1.00
6-inch pots,	6 to 7,	28 to 30	..... 1.50
6-inch pots,	6 to 7,	32 to 34	..... 2.00
7-inch pots,	6 to 7,	36	..... 3.00
8-inch tubs,	6 to 7,	38	..... 3.50
8-inch tubs,	6 to 7,	48	..... 5.00

KENTIA BELMOREANA.

Made-up plants.
6-inch pots, 3 plants in a pot, 24 ins....\$ 1.50
7-inch pots, 3 plants in a pot, 38 ins.... 3.50
Specimens, very heavy.....\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.			
	Leaves.	Inches high.	Each.
6-inch pots,	5 to 6,	28 to 30	.....\$ 1.00
6-inch pots,	6 to 7,	34 to 36	..... 1.50
6-inch pots,	6 to 7,	38 to 42	..... 2.00
6-inch pots,	6 to 7,	44 to 46	..... 2.25
8-inch tubs,	6 to 7,	50 to 54	..... 5.00
8-inch tubs,	6 to 7,	5 ft.	..... 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	..... 8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	..... 10.00

KENTIA FORSTERIANA.

Made-Up Plants.			
		Inches high.	Each.
7-inch pots,	3 plants in a pot,	28 to 30	.....\$ 2.00
7-inch pots,	3 plants in a pot,	36 to 38	..... 2.50
7-inch tubs,	4 plants in a tub,	38 to 40	..... 3.00
8-inch tubs,	4 plants in a tub,	38 to 44	..... 3.50
8-inch tubs,	4 plants in a tub,	50	..... 5.00
8-inch tubs,	4 plants in a tub,	56 to 58	..... 6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	..... 8.00
12-inch tubs,	4 plants in a tub,	5 to 5 1/2 ft.	..... 10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	..... 12.00

Very strong specimens, 15-inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00.

PHOENIX ROEBELENII.

		Inches high.	Each.
7-inch pots,	22 ins. high,	30 to 32-in.	.....\$2.00
7-inch pots,	26 ins. high,	34 to 36-in.	..... 2.50
8-inch tubs,	grand specimens	.....	..... 2.50
10-inch tubs,	grand specimens	.....	..... 3.50

ARECA LUTESCENS.

7-inch pots, 3 plants in a pot.....\$2.00
8-inch tubs, 5 plants in a tub..... 3.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS, mixed varieties in bud and bloom, \$15 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

PANSY PLANTS for the benches, nice, stocky plants, \$5 per 1,000; 5,000 or more, \$4 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Pehlmann Bros. Co., Morton Grove, Ill.
Pandanus Veitchii, \$1 to \$3 each. J. A. Peterson & Sons, Cincinnati, O.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Christmas Peppers. Geo. A. Kuhl, Pekin, Ill.

POINSETTIAS.

POINSETTIAS.			
2,500 2 1/2-in. good plants	.....	100	1,000
2 1/2-in. extra select	.....	\$4.00	\$37.50
3-inch	.....	5.00	45.00
	.....	8.00	70.00

A. L. RANDALL CO.,
Wabash, at Lake, Chicago, Ill.

POINSETTIA HEADQUARTERS—3-inch, \$8 per 100; 4-inch, \$12 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, 2½-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Poinsettias, 4-inch, ready to bloom, 15c; 5-inch, 25c; 6-inch pans, 5 plants to pan, 75c. The Storrs & Harrison Co., Painesville, Ohio.

PRIMULAS.

Primroses, Forbesii, Obconica alba, rosea and Ruby, 2½-inch pots, \$1.50 per 100. Obe. Gigantea, 2½-inch, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primroses, Chinese, 4-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

PRIVET.

PRIVET.
WE OFFER AMOOR RIVER PRIVET.
Each Ten 100 1,000
18-24 in., light.....10c \$0.75 \$ 3.50 \$ 30.00
2-3 ft.15c 1.00 7.50 60.00
3-4 ft., heavy.....20c 1.25 10.00 75.00
4-5 ft., heavy.....30c 1.50 12.00 100.00

Also see our ads under spirea and Berberry. Send today for our complete price list.

AURORA NURSERIES,
Telephone 339. Aurora, Ill.

AMOOR RIVER NORTH, 12 to 18, \$15; 18 to 24, \$20. EVERGREEN AMOOR RIVER, same sizes, \$14 and \$17.50 per 1,000. All 2-yr. well branched. Calceanthus, 18 to 24 well bran., \$8 per 100. Hall's Japan Honeysuckle, 2-yr., \$5 per 100. VALDESIA NURSERIES, Bostic, N. C.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Rose Champ Weiland, own root: 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago, Ill.

Field-grown roses, bardy, firm-wooded, northern-grown. Send for list of varieties. Jackson & Perkins Company, Newark, New York.

ROSES, 2-year field-grown Selected Dorothy Perkins, \$8 per 100. H. P. STRECKFUS, Syracuse, N. Y.

Roses. Send for list. The E. G. Hill Co., Richmond, Ind.

SEEDS.

WINTER ORCHID—FLOWERING SWEET PEA SEED.—I have still some of the best money makers on hand: Mrs. A. A. Skaach, clearest pink, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose. Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 oz.; \$18 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 oz., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lav.; King Edward 7th, red and many other colors, 4 oz., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurrif, Swedesboro, N. J.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeriac, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

SEEDS.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Padrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, growers for the trade: beans, peas sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, peas, beans and sweet corn. Sloux City Seed and Nursery Co., Sioux City, Iowa.

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SWAINSONAS, white, 4-inch pots, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

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Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants—extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl, curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Field-grown Vinca Variegata, ready for 5-in. pots, \$5 per 100; ready for 4-in. pots, \$4 per 100; field rooted layers, 90c per 100; \$8 per 1,000. Cash. H. A. COOK, OBERLIN, O.

VINCA VAREGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca var., 3½-inch, cut back, \$5 per 100. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Send your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

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38-40 Broadway, Detroit, Mich.

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Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikohtana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

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Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziaska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Cutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Pexto Pruning Shears for trees, shrubs, vines, bushes, hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Piley's combination due brush and scraper. Piley Packing & Fine Brush Mfg. Co., 620 S. Third St., St. Louis, Mo.

Fertilizers. Thomsou's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Danch Paper Company, 161 Water St., Sandusky, Ohio.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Pexto Pruning Shears. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pipe and fittings of all kinds. Illinois Pipe & Mfg. Co., 2113 S. Jefferson St., Chicago.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

Smith's Revised Chrysanthemum Manual, 50c, postpaid. Elmer D. Smith & Co., Adrian, Mich.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire banging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

E. L. ROGERS, 212 W. 15th St., St. Louis, Mo., Manufacturers of Wire Designs and Florists' Novelties. Write for prices. Give us a trial.

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MARKED TRADE IMPROVEMENT.

Market conditions have shown marked improvement during the past week, due to cool weather and everything in the cut-flower line is in better demand. Carnations are much improved in quality and are arriving in more generous supply. Chrysanthemums are the favorites and they also arrive in large quantities. Major Bonnaffon is a great favorite and is fine in stem and flower. Pompons are abundant in all colors, but yellow leads in the sales, with bronze varieties second choice. Roses of all kinds are plentiful and are disposed of at fair prices. American Beauties are of good quality and the supply is adequate. Lily of the valley, cattleyas and violets are also good stock.

NOTES.

E. C. Armbrust had a very attractive window display at his East avenue establishment this week. Bonnaffon chrysanthemums were featured arranged with oak leaves, with excellent bronze and yellow pompons also shown to advantage in the foreground.

Colored slides of Rochester's park system and a number of interesting European views were shown at a meeting of the florist club, November 8, by Mr. Zoller, and were much admired and enjoyed.

The following from this city attended the Cleveland show: Geo. B. Hart, Fred Thomann, P. Thomann, H. L. Glenn, W. L. Glenn, Al. Salter, Geo. Kramer, Jas. Sproat and Frank McLewis.

J. B. Kellar & Sons report trade holding up well. Several wedding orders were booked during the past week.

H. E. Wilson celebrated his seventy-sixth birthday, November 9.

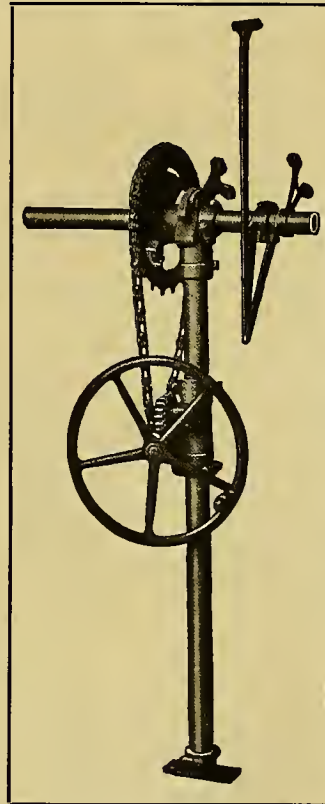
The Plymouth Avenue Flower Shop has discontinued business.

CHESTER.

Cincinnati.

MARKET LACKS FIRMNESS.

Last week's business was somewhat quiet. The supply was very heavy, while the general demand was not strong enough to take up all the offerings. Perhaps the cold weather and even snow that came the early part of this week will bring about, or rather bring with it, a change for the better in market conditions, but whether or not it will, remains to be seen. The chrysanthemum cut continues heavy and includes many excellent offerings in the seasonable varieties and colors. Roses are excellent and in a good supply, but do not clean up. Carnations, too, are good, but have a weak market. Easter lilies are plentiful. Callas may now be had. The best single violets sell well, but the ordinary grades along with other stock have a weak market.



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NIKOTEEN
For Spraying.
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For Fumigating.
Ask Your Dealer for it.
NICOTINE MFG. CO.
ST. LOUIS

Other offerings are double violets, orchids, lily of the valley and sweet peas.

NOTES.

Among Cincinnatians not heretofore mentioned, who attended the Cleveland show last week, were Ray Murphy, M. Koots and D. Rusconi.

C. E. Critchell has been having a fine lot of callas that should prove popular when the market becomes firmer than it is at this time.

Wm. Taylor has been cutting some very fine white and yellow Chadwick chrysanthemums at his greenhouses on Price Hill.

Visitors: Mrs. Karl Heiser, Hamilton, O.; W. W. Stableton, Blanchester, O.; Warren Huckelberry, North Vernon, Ind.; Chas. Falkenstein, representing the Basket Novelty Co., New York. H.

Detroit.

BELLE ISLE PARK ATTRACTS CROWDS.

Beautiful Belle Isle park, with its 700 acres of pleasing landscape, arrayed in autumn dress, with its 21 miles of macadam roads and miles of drives and gravel paths, is especially attractive just now and is thronged with visitors daily. The park, which is three miles long and one-half mile wide has many features of interest, one being an aquarium, the third largest in the world. The zoological garden covers 15 acres and the \$80,000 bath house accommodates 1,200 persons at one time. A casino erected at a cost of \$125,000 supplies all needs in the way of meals or light refreshments, besides making a beautiful sight at night with its thousands of lights. In addition to these splendid features, the large horticultural hall, athletic fields, pavilions, etc., supply everything that could be desired to make it one of the most beautiful and complete parks in the United States, and the hundreds of fall visitors who dot the banks of the pretty canal make a grand picture.

As an added attraction, the first of the fall and winter flower shows is in progress and the horticultural building is crowded with throngs, viewing the magnificent floral display, arranged by Robert Flowerday, park superintendent, and aided by his able assistants, Alex Czarnecke, Rudolph Kochler and their fellow-workers. Superintendent Flowerday is one of the most popular florists that ever held this important position.

J. E. K.

WINSTON-SALEM, N. C.—The Westbrook Drug and Floral Co. has been incorporated with an authorized capital stock of \$25,000.

LOS ANGELES, CALIF.—Theodore Barber, formerly with the East India Gardens, has established a nursery at 2099 La Brea avenue, Hollywood, and will make a specialty of avocado trees.

NEW HAVEN, IND.—Herman J. C. Leitz, vice-president and general manager of the New Haven Floral Co. Inc., has returned from a delightful visit in Chicago where he took in the sights at the Grand Floral Festival. Henry Freese, secretary and treasurer of this firm, was married Tuesday, November 16.

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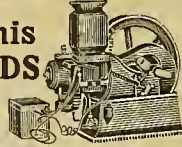
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They are perfect in Design, Materials and Workmanship. Excell every other for service and wear. Repair parts can always be obtained.

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35th and Iron Sts., CHICAGO

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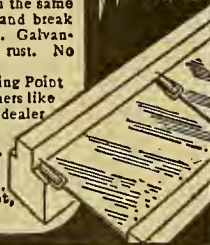
For Greenhouses

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.

The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.

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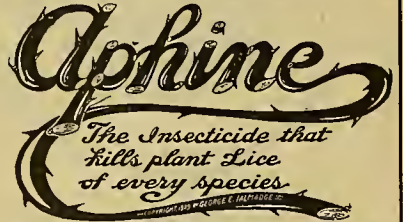
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ST. LOUIS, MO.—The annual flower sale for the benefit of the Christian Old People's Home, November 6, netted \$3,050. Fifty thousand carnations were sold on the streets by the charity workers.



The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
Quart, \$1.00. Gallon, \$2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
Quart, 75c. Gallon, \$2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angle worms.
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A scallicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
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The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Muleritt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Mayoard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

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Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barrow. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorin-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Neltje Blanchan. Well bound. 368 pages and 92 illustrations. Price, \$5.35.

Window Gardening.—By Herman B. Dorner. An interesting subject. Well bound in green cloth. 153 pages and 43 illustrations. Price, \$1.25.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 88 half-tone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allen. Also contains chapters on seed raising, insects, pests and fungus diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

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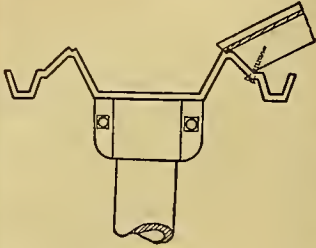
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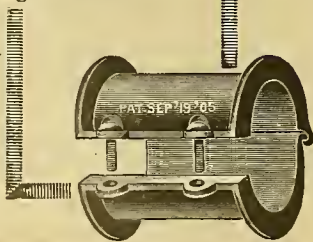
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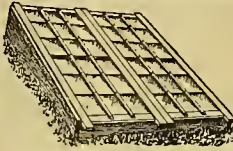
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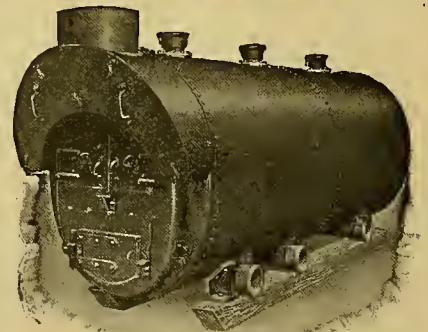
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Vol. XLV.

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No. 1434

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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AMERICAN SWEET PEA SOCIETY.

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AMERICAN CARNATION SOCIETY.

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Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

Suggestions for Plant Growers.

Primulas.

As fast as the primroses grow, space them out so that there is a good distance between each plant, and so that the leaves do not touch, allowing room between the plants for a free circulation of air. If the plants are placed on a bench with a front and back board, place boards across and set the plants on these or stand the pots on inverted pots so as to bring them up into the air. Take care in watering not to wet the foliage more than necessary, or the leaves will be spotted. Many good primulas are ruined by being overcrowded and the foliage allowed to remain damp. If the plants are not going to be in flower for the holidays they can be placed in a temperature of 60° at night for a short time, which will rapidly bring them along, but do not attempt a higher temperature than that, nor for any great length of time. These plants are cold-loving subjects and are more satisfactory in a house that never goes above 50° at night. *Primula obconica* is now blooming freely and can be kept in bloom until spring if grown cool. These plants are particularly useful in filling Christmas baskets. Care must be taken in the handling of these plants by persons who are at all subject to poisoning from coming in contact with this, rhus, or other poisonous plants, for they sometimes cause a very troublesome and irritating eruption of the skin.

Ardisias.

The berries of the ardisias should now be turning a bright red and the foliage taking on that beautiful glossy appearance which makes this plant so popular at the holidays. Where these plants are grown in great heat the berries do not color as brightly, and the leaves lack that thick, leathery texture and glossy appearance, and the plants are not so satisfactory in the houses. They also chill very easily, and if this happens the berries drop off. It is much better to finish them from this time on in a bright, sunny

house, with good ventilation; this will tend to color up the fruit and give the plants a much healthier appearance, and they will prove more satisfactory. We have seen these plants, where grown cool and not forced, hold their berries until the next year's crop was borne. Keep a sharp lookout for scale on ardisias; they quickly get covered with the brown scale unless carefully watched, and when these insects appear constant washing is the great remedy. Clean off the first that appear. "An ounce of prevention is worth a pound of cure."

Catch Crops.

With the close competition that the greenhouse man is up against at the present day it does not pay to have any of the bench room idle, or if a crop shows that it is not going to succeed and be remunerative it had better be thrown out and the room occupied by something that will pay. The several different plants and flowers have their seasons, and when they are done a succeeding crop should be all ready prepared to take the place. It therefore pays to have some catch crop ready in cases of this kind. There are many annuals that can be grown and carried along in small pots and if not used and eventually discarded the loss is small. These, if planted out in the benches, will bloom in the early spring and give a very welcome variety to the flowers of that season. There are many flowers grown today that were first grown as catch crops, such as the antirrhinum. Among others which might be grown this way are the centaureas, either bachelor's buttons or sweet sultans, nasturtiums, lupines, calendulas, eschscholtzias, salpiglossis, schizanthus, stocks and others. There are also many of the early blooming perennials which can be lifted and heeled in where they can be easily obtained during the winter and transplanted to the greenhouse. Among these are *Coreopsis lanceolata*, *Aquilegia cœrulea*, gaillardias, heucheras, sweet william, and others which the

grower has in stock. A dealer will always find customers who appreciate these flowers, which are often not seen during the winter months, and by having the stock of a few of these odd things one can often plant out a section of a bench that otherwise would not be returning any revenue, and thereby prevent loss.

Begonia Rex.

With the advent of steady firing and a warm propagating bench the cuttings of *Begonia rex* should be started at once if good plants are desired for spring and summer growing. These plants are very ornamental when well grown and the leaves can be used in much floral work. These plants are raised from either shoot or leaf cuttings but where many are propagated the latter method is generally employed. Well matured leaves that are healthy and vigorous are selected and two methods can be adopted. The leaf can be cut several times through the midrib and its branches and then placed on the propagating bed and the cuts pegged down to the sand. A wire in the shape of a hair pin will do this. Or the leaf may be cut into triangular pieces, with the rib as the apex, and these cuttings inserted in the sand as other cuttings are with the point down. Another method sometimes adopted is to cut the leaf in two parts lengthwise and the two halves are stood erect in the sand. The cutting bench should be shaded and if covered with glass and kept close the propagation will be more rapid and successful. The small leaves will shortly protrude from the sand and when the roots have attained a length of half an inch or more they can be potted in soil consisting of two parts loam, one part leaf-mold, one part well-rotted manure, and one part sand. They will require a warm temperature, and when watering be careful not to wet the foliage, especially where the sun shines upon them, or holes in the leaves will be the result. They should be shifted into larger pots as required and as the plants grow coarser soil may be used in the potting. They make much handsomer plants when grown in shady locations rather than in the full sunlight.

Stevia.

The early stevia will now be coming into flower, but if the plants are in pots, and there are a good large number, they should not be brought into flower all at once. By keeping some of the plants in a cool location they can be retarded so that plants may be had in bloom up to February. A house or deep frame where the night temperature can be kept just above the freezing point will hold them in check and they can be brought in as desired.

The dwarf variety is very easily handled in this manner, but the tall plants are not so easily moved around. Keep the plants well tied up for the joints are very brittle and break down easily, and the long variety should be very carefully handled even after the sprays are cut, for they break down with their own weight when in flower.

OTTAWA, ONT.—Scrim's Flower Shop, on Catherine street, entertained hundreds of visitors, November 10-11, the occasion being one of the most artistic displays of chrysanthemums ever seen in this city.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Street Fakir.

When the wholesale flower market was first overstocked, ages ago, there appeared the industrious parasite, called in these days a fakir—like Topsy, he "jes' growed," a sort of mushroom creation that appears when conditions are just right. His mission was to sell flowers; he gathered up the refuse and disposed of it to the crowd, wherever he was most likely to find buyers. He had little or no capital and sold at a very small profit, as nothing had to be added to his price for expense. By the regular profession, who conducted their business in stores and had to provide for all the necessary incidental expenses, the fakir was considered an outlaw, and from time to time, according to his activities, was subject to arrest, fines and even imprisonment. More or less stringent laws were passed relegating him to the background or even out of existence, as far as his business activities were concerned. In spite, however, of all obstacles, legal and otherwise, he still survives; in fact, his tribe has increased, until today, he is to be found in every large community and has won many friends to help fight his battles.

At a recent meeting of the Philadelphia Florists' Club, the fakir was given a clean bill of health. Robert Craig stated that he had grown to be a very important factor in the business, as by selling to casual buyers at low prices, when flowers were plentiful, he made customers that purchased in the stores when they were too scarce for the street. He was in no sense a competitor of the retail florist, as he rarely handled anything but the surplus, and at times when there is great overproduction he is a distinct benefit in moving quantities of flowers at low prices that otherwise would be a total loss. His success even made the storekeepers spruce up and carry more stock. He cited the London market, where plants, which had to be moved, were offered at one-third less than standard wholesale prices and at the lower figures were disposed of quickly and in large quantities by the street men.

Chas. E. Meehan found the street vendors very useful factors in the times of great surplus; they would buy in large quantities at low prices, which, while they were disappointing, were the best obtainable and cleaned up the market, making room for the next day's shipments. When stock came in, it had to be sold, if not at the expected figures, then at the next best price. Special low quotations were for the man who moved the stock in quantity, be he fakir or retailer. He did not like to see high class flowers like gardenias or orchids go on the street, but there was no alternative when they were going to waste, as a low price was better than none.

From the standpoint of the retail florist, it is very galling to see men on adjacent street corners, or passing up and down in front of his store, offering good flowers at prices the same, or even less, than his stock cost. It is a kind of advertising and winning love for flowers that is not to his liking, however much the grower or commission man may approve of it.

Selling on the streets appears to be a good business school, for many of the best retailers in the large cities

are graduates of this "University of hard knocks." They begin with very small capital, but can turn it over several times in a day, working a busy central retail district while the throng is there, and closing out their surplus in the residence thoroughfares at night. There is no question but that the flower fakir has come to stay, as he has demonstrated his usefulness in moving the surplus. Despite legislation, and the fact that he is under the ban in almost every city and town in the land, he still thrives. To the commission man and the grower, he is welcomed at all times and especially when it is desired to make a cleanup. Of late years the department stores have taken up the sale of cut flowers with varying success, according to the intelligence with which the business is being handled. Even the five and ten cent stores are making a try before installing a regular department. Yet with all these agencies the supply more than keeps pace with the demand and the fakir is sure of a glad hand wherever he appears. K.

Sowbug Remedies.

ED. AMERICAN FLORIST:

I wish you would kindly give me a remedy for the extermination of sowbugs. I saw an article on the subject in THE AMERICAN FLORIST some time ago but can not now locate it.

SUBSCRIBER.

In the treatment of sowbugs poisoned baits are standard remedies. The great fondness of sowbugs for potatoes long ago led to these being used, poisoned either with Paris green or London purple. The potatoes are sliced and a thin covering of powder applied. Sprinkling the soil around an injured plant with Paris green, or dusting the same under boards and other haunts of the sowbugs is also very effective.

In addition to Paris green and London purple, arsenate of lead may be used. There is no danger from the use of any of these arsenicals, if they are not sprinkled or sprayed on the plants. A still cheaper substitute for Paris green is white arsenic, which is quite inexpensive; it is, however, dangerous to apply it to delicate plants. One or two tablespoonfuls of white arsenic to a bucketful of bran, sweetened with a quart of syrup or molasses and the mixture sprinkled about the beds will prove very effective in the control of these creatures.

If the sowbugs are injurious in a cultivated patch—after treating the ordinary haunts—it is best to keep the ground well broken and raked to prevent clodding and cracking, which gives them protection. Old boards, cans and rubbish should not be allowed to accumulate. Such precautions will tend greatly to prevent any great damage or annoyance. F. H. C.

From time to time we notice inquiries about how to get rid of sowbugs and the remedy always given is some kind of poison. Now, a few years ago we were simply being eaten up with sowbugs, for every one killed with poison ten would come to the funeral, till we did not know what to do to save our plants. We just happened to try Slug-Shot, which simply exterminated them and by always keeping it on hand we have kept them down ever since. It is a cheap preparation, a five pound bag will go over a hundred-foot house. We just sift it on tables and under the tables. It will surely kill them, large and small. Be sure and go over the house carefully and sift on all available space. Be sure and use it in the evening when the foliage is dry.

D. M. TIPTON.



Herbert Bate.
Chairman Premium Committee



G. W. Smith.
Chairman Entertainment Committee.



Geo. Bate.
Chairman Publicity Committee.



Timothy Smith.
Chairman Admissions Committee.



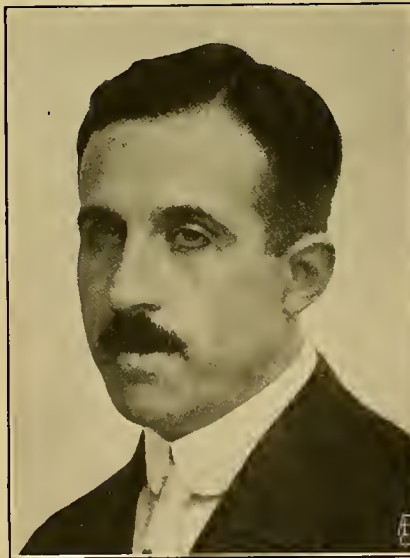
H. P. Knoble.
General Chairman of Committees.



Robert Weeks.
Chairman Non-Commercial Displays.



C. E. Russell.
Chairman Retail Displays Committee.



M. A. Vinson.
Secretary to Committees.



H. P. Merrick.
Chairman Trade Display Committee.

SOME OF THE MEN WHO MADE THE BIG CLEVELAND SHOW.

THE EXHIBITIONS.

Impressions of the Cleveland Show.

The most striking feature of this exhibition was its completeness in every detail. In the chrysanthemum cut bloom classes calling for the exhibits of the commercial grower, the competition was strong in almost every class, and in some of the classes as many as eight entries were staged, with the quality of the exhibits being of the highest grade.

The competition in the private gardener classes was as keen as in the commercial classes.

The retailers' section was well represented with artists' work of the highest order, including table decorations, bridal bouquets, corsage bouquets and the newest fads in baskets of flowers. Every flower at the florists' command was utilized to the best advantage. The first day we noticed a fine table decoration of Scotch heather and choice dendrobiums, also one of snapdragons, which was very fine indeed. Another very pretty table was of bronze pompon chrysanthemums and on another were the little yellow baby chrysanthemums, which was the main feature; another was a table of Bonnaffon chrysanthemums; another was of violets and yellow pompons, and another of red roses. The decorations of the tables were changed each day and kept in good condition, making them a big attraction every day.

Some very creditable cut blooms of chrysanthemums were shown in the private gardeners' classes and the exhibits of palms, ferns and stove and greenhouse decorative plants were very fine indeed, both as to quality and variety, ferns, palms, crotons and dracaenas being the most prominent plants in the groups, but there were some odd and interesting plants to attract the people. One large plant of Ponderosa lemon in fruit was quite an attraction. There were also some nice exhibits of lily of the valley in pots. Begonias and cyclamens were also of the very highest grade.

The big attraction in the chrysanthemum plant section was the immense specimen from J. Canning, superintendent for Adolph Lewisohn, Ardsley, N. Y. It was all that it was claimed it would be and a little more. The variety was Wells' Late Pink. The plant was about 15 feet in diameter, well filled with fine blooms of good color, and it was a grand example of what can be accomplished by expert growing. The local gardeners and growers also showed some very creditable specimen chrysanthemum plants, but they were overshadowed by Mr. Canning's big plant.

The trade displays were a big feature of the show. Every line of the seed, florist and allied trades was represented with displays of the very best of stock, neatly arranged so as to form a part of the big show, every exhibitor taking advantage of a good opportunity to get his stock before the trade.

The first day of the show was given over to exhibits of cut chrysanthemums and never before was this section so strongly represented. The classes were all filled with magnificent blooms from all parts of the east and central west and north into Canada. The private gardeners from the large estates in the east exhibited magnifi-

cent, well finished blooms. Wm. Vert, gardener to Howard Gould, Castle Gould, Port Washington, N. Y., winner of first prize in the collection of 24 varieties, one bloom of each, had among others in his collection extra fine blooms of J. Fraser, Wells' Late Pink, Rose Pockett, D. B. Crane, Queen Mary, Wm. Turner, H. E. Converse, R. C. Pulling, A. L. Angus and F. S. Vallis. The Dale estate, Brampton, Ont., second in the class of 24 varieties, also had some of the finest blooms in the show in their exhibits, their strong blooms being General Hutton, Mrs. Gilbert Drabble, Flamingo, H. E. Converse, Glenview, F. C. Quittenton and Wm. Turner.

Wm. Duckham, gardener to Mrs. D. Willis James, Madison, N. J., had fine examples of Odessa, J. Fraser, Elberon, Wm. Turner, Mrs. Gilbert Drabble, H. E. Converse and Mendon. The E. G. Hill Co., Richmond, Ind., also had some fine blooms in this class; among the leaders were Wm. Turner, Odessa, Mendon, Glenview, F. C. Quittenton and Mrs. Gilbert Dabble.

E. G. Hill Co., Wm. Vert and Chas. H. Totty, Madison, N. J., staged some elegant blooms in the class of 50 assorted varieties in one vase, also in the classes of 12 and 18 blooms each, one vase of Mrs. Gilbert Drabble from Totty being particularly fine, and Mr. Totty was awarded first premium on Wm. Rigby as being the largest bloom in the show.

A. N. Pierson, Inc., Cromwell, Conn., was strongly represented in the classes of large blooms, their vase of Nakota and another of Elberon being very fine.

classes, their variety named Smith's Cameo scoring the highest number of points and winning the sweepstakes silver cup. Josephine Foley and Ogontz are also two very promising new varieties exhibited by this firm.

Chas. H. Totty and the E. G. Hill Co. both staged the new variety Autocrat, a very promising white for commercial or exhibition purposes.

The finest vase of blooms in the show was conceded to be a vase of Wm. Turner, exhibited by Frank Allen, Grosse Pointe Farms, Mich.

The single and pompon varieties were an exhibition in themselves, in some of the classes as many as eight entries being staged in some instances, the Dale Estate, A. N. Pierson, Inc., Mount Greenwood Cemetery Association, Chicago; Chas. H. Totty, R. Vincent, Jr., & Sons, White Marsh, Md.; Fred Pantke, Grosse Pointe Farms, Mich.; E. G. Hill Co. and the Friedley Floral Co., Cleveland, being among the exhibitors. Lillian Doty, Doris, Golden Climax, Golden West, Western Beauty, Iva, Inez, Donald, Mary and Helen Newberry were varieties very much in evidence in all the exhibits.

The rose display was a big feature the second day of the show. The vase of Russell, Ophelia and Shawyer, arranged for effect by F. R. Pierson Co., Tarrytown, N. Y., was a grand exhibit and well-worth of the first prize. A. N. Pierson, Inc., Cromwell, Conn., vase of Hadley, arranged for effect, was another striking attraction and awarded first in its class.



WEILAND & RISCH'S MRS. CHAS. RUSSELL ROSES AT THE CHICAGO SHOW.

The E. G. Hill Co. and the Dale Estate were the leaders in most of vases of 12's, one variety. The vases of F. C. Quittenton and Glenview from the Dale estate were considered among the finest blooms in the show, according to the judgment of most of the growers present.

Elmer D. Smith & Co., Adrian, Mich., were strong as usual in the seedling

Mrs. Bayard Thayer, a new pink rose, exhibited by the Waban Conservatories, Natick, Mass., attracted great attention from the growers, as did the variety Gorgeous, from Chas. H. Totty, Madison, N. J.

Holton & Hunkel, Milwaukee, Wis., had fine Mrs. Russell; the J. M. Gasser Co., Cleveland, a vase of Prima Donna; Cleveland Cut Flower Co., fine Mrs. J.

L. Mock; Lamborn Floral Co., Alliance, Ohio, fine American Beauties; E. G. Hill Co., F. R. Pierson Co. and A. N. Pierson, Inc., fine Ophelia; Chas. H. Totty, the best Francis Scott Key.

S. J. Reuter & Son, Inc., had fine Francis Scott Key and a new corsage rose named Baby Doll from E. G. Hill Co. was a big attraction, and the vase of 50 Golden Wedding arranged for effect by the E. G. Hill Co. were as fine examples of this wonderful old variety as have ever been shown.

C. W. JOHNSON.

Echoes of the Chicago Show.

This event of the floral world has passed into history. Whether it has financially come up to the expectations of those who had the direction of the affair, we do not know, but from every point of view concerning the florist trade, the gardening profession and retail florist art, we certainly can claim for it a big success. Of course, there are those who are ever ready with the advice of what ought, or ought not to have been done, but such is the case with every big undertaking.

Never before have the private gardeners come to the support of a Chicago show as they did at this time, not only with plants and flowers, but with the grand display of vegetables and fruits and just merely calling the readers' attention to the club collections of the Lake Geneva Gardeners' and Foremen's Association, and the North Shore Horticultural Society, does not nearly do them justice. One who had the privilege of watching the unpacking of these exhibits has a better idea of the work that must have been put into getting them together and preparing and packing for show. Ordinary folks do not have a chance very often to even see some of the vegetables shown in these collections. Some perfect specimens of cauliflower, English hot house cucumbers, Brussels sprouts, vegetable marrow, leeks, carrots, parsnips, string beans, tomatoes, salsify, curly kale, cabbage and onions of all sizes in variety, were a revelation to most of the flower show visitors. The same may be said of the many dishes of fine potatoes, perfect in shape and size, and great credit is due the gardeners and foremen of Lake Geneva and North Shore Horticultural Society for the work and care in getting these displays together.

Many remarks were heard of this show having gone to the extreme in catering to the retail displays. This may have been the case, but most of the arrangements were a big attraction to the flower show visitors, though to one who has to produce the flowers, it seemed that a number of the arrangements did not improve the keeping qualities of the flowers, some of them beginning to fade before they had been arranged an hour.

The exhibits of specimen chrysanthemum plants turned out to be stronger than the premium list committee thought would be the case when arranging the schedule, and some very fine plants were shown by Iowa State College, Vaughan's Seed Store and Poehlmann Bros. Co. in the open classes, and in the private gardeners' classes by Mrs. S. W. Allerton (Robert Blackwood, Gr.); J. H. Moore, (A. Martini, Gr.); Charles L. Hutchinson, (Wm. Longland, Gr.); Mrs. F. T. Junkin, (Axel Johnson, Gr.); J. J. Mitchell, (A. J. Smith, Gr.); and J. S. Tilt all

had fine exhibits in this section. The private gardeners were also strong in the miscellaneous plant classes; also, in chrysanthemum cut blooms.

One of the most interesting exhibits was a display of seedling pompon, single and anemone chrysanthemums exhibited by the students of the floricult-

Harvard and Glenview were shown in fine shape in their classes.

The rose display was grand—fully up to the Chicago standard, all of the leading varieties being shown and a few new ones.

The carnation classes were well filled, between 130 and 140 entries having



GULLETT & SON'S FIRST PRIZE VASE AMERICAN BEAUTY ROSES AT CHICAGO SHOW.

tural division of the horticultural department of the University of Illinois, Urbana, Ill. The young men have been working on the cross-fertilization of these subjects for three or four seasons and the display on exhibition shows that their labors have been rewarded with many improvements in these flowers, which should encourage them to continue their efforts with these and other varieties of flowers. The seedlings were all exhibited under number. One yellow pompon, somewhat on the order of Golden West, but larger in size, attracted a great deal of attention and there were two or three very promising white pompon seedlings and one a beautiful shade of pink. Some of the single varieties look to be very good and worthy of more extended trials. We are getting to the point where our list of single and pompon chrysanthemums is becoming too large and some cutting out will have to be done, but there is always room in every collection for the improvement and there appears to be quite a number in this collection from the University of Illinois.

The commercial growers' classes of cut chrysanthemums were well filled with fine stock, Wm. Turner being the leading white variety. White Chieftain was also shown, but it lacked size alongside of Wm. Turner. Chieftain, Well's Late Pink, Mount Greenwood and Dr. Enguehard were the leading pink varieties. Golden Eagle, Yellow Eaton, Marigold, Major Bonnaffon and Golden Chadwick were shown in grand shape. Intensity, Pockett's Crimson,

been received and every vase of flowers shown was of the very highest grade. Anton Then staged a fine red seedling. C. H. Frey, Lincoln, Neb., showed a good vase of Nebraska. Bassett & Washburn showed Belle Washburn and Helen Washburn and the J. D. Thompson Co. staged Aviator and Superba. The Mount Greenwood Cemetery Association staged a number of seedlings under number. White Wonder, White Enchantress and Matchless were the leaders in whites. Enchantress Supreme and Pink Delight in light pink, Mrs. C. W. Ward in medium pink, Rosette in dark pink, and Champion in red.

Not many new seedling chrysanthemums were shown. Smith's Cameo won the sweepstakes in the seedling classes, repeating its success with the same award at the Cleveland show.

NOTES.

The plans and pictures exhibited by the landscape department of the Illinois State University which were given a very poor location in the hall received much attention throughout the show.

Postmaster Kasting, of Buffalo, N. Y., and Alderman Otto Koenig, of St. Louis, Mo., were among the trade visitors who registered.

One prominent retailer remarked, "The advertising value of this exhibition to the growers and retailers of the city and suburbs is far greater than all it cost."

The contests of retailers excited much interest and curiosity on the

part of store owners and employes throughout the city.

The fine vegetable display of Lake Geneva gardeners was a constant source of interest to the general public.

The judges had great difficulty in deciding many of the contests, but in general their work was satisfactory.

city's exhibit which was entered in competition. The displays staged by amateurs were numerous and very creditable. To give an idea of the magnitude of the show, there were over 130 distinct varieties on exhibition in the chrysanthemum class alone.

Thursday was devoted to special features in floral arrangements, which in-

rist Co., Houston; Waco Floral Co., Waco, Tex.; Texas Nursery Co., Sherman; Mrs. M. A. Harrison, Galveston; J. F. Wilcox & Son, Inc., Council Bluffs, Ia.; Wise Atkinson, Greenville, Tex.; Furrow & Co., Guthrie, Okla.; Baker Bros., Ft. Worth, Tex.; E. E. Stone, Dickinson, Tex.; Stuppy Floral Co., St. Joseph, Mo.; E. P. Brown, Dallas; J. E. McAdam, Ft. Worth; Mrs. M. A. Hansen, Galveston.

Great credit is due Robert C. Kerr and his assistants, through whose indefatigable efforts the second annual show was made such a complete success. Mr. Kerr has worked hard with the florists of the state and has aroused widespread interest in this exhibition. Among those to whom awards were made on the opening day were the following:

Best and most artistically arranged collection of plants—City park department (C. L. Brock, Supt.) 1st; Oleander Florist, 2nd.

Best and most artistically arranged collection of ferns—H. H. Kuhlmann, Houston, 1st.

Best group of five hanging baskets—H. H. Kuhlmann.

Best collection of 12 specimen crotons—City Park department.

Twelve coleus—City Park department.

Fifty blooms cut chrysanthemums, two varieties—Rosemont Gardens, Montgomery, Ala. The Rosemont Gardens also won first prize for 15 blooms, white, one variety; best 15 blooms, pink, one variety; best 15 blooms, yellow, one variety, and best one bloom, white, one variety.

Out of town, Texas growers only, 25 blooms, chrysanthemums, one variety—Drumm Seed and Floral Company, Fort Worth.

Ten blooms, chrysanthemums, two varieties, white—Drumm Seed and Floral Company.

Best one bloom chrysanthemum, white, seven inches and over—Drumm Seed and Floral Company.

Best ten pot grown chrysanthemums, one variety—Wolf the Florist, Waco. H. C. T.



VIEW OF THE PASADENA SHOW.

The lecture feature was not popular, although the programme included noteworthy exponents of horticulture.

J. A. Valentine, after seeing the Cleveland and local exhibitions, left for Texas.

The flower dances and floral fashion demonstrations attracted considerable attention.

Large numbers of trade visitors came on from the Cleveland show.

Sixteen left for the Cleveland show Tuesday night and 19 Wednesday.

Houston Flower Show.

Ideal weather and enthusiastic throngs marked the opening of the second annual flower show held in the Auditorium, under the auspices of Texas State Florists' Association, November 18-20. A floral parade, with nearly 100 autos in line, filled with pretty girls bedecked with chrysanthemums, heralded the opening of the event, and when the doors of the exhibition hall were thrown open to the public, the main floor of the large building presented a wonderful display of plants and flowers. Wednesday, the opening day, was designated as "chrysanthemum day," and the "Queen of Autumn" held full sway, thousands of blooms of the finest specimens in many varieties and colors being everywhere in evidence, but while the exhibits in the chrysanthemum classes were most excellent, the divisions devoted to roses presented fine stock in long-stemmed American Beauties, Richmond, and a number of other varieties all well-grown. Plants were seen in profusion, poinsettias, cyclamens, etc., being artistically arranged with ferns. The stage was set to represent an Italian garden with cut flowers, palms and pot plants arranged most effectively, while in the background a throne was half hidden by a bower of choice chrysanthemum blooms. A collection of pot plants grown at the City park in Houston made a very pretty display, the crotons and coleus being part of the

cluded splendid showings of bridal bouquets, corsages, mantel decorations and special designs. Many of the latter were of great beauty, chrysanthemums in number being featured in the arrangements. The wearing of flowers by the living models was also a pleasing part of the programme. Bird Forrest, of Waxahachie, Tex., staged one of the finest fern displays ever seen in the south, and he also made an excellent showing of chrysanthemums and carnations. Among others whose displays were noteworthy were the following: Poehlmann Bros. Co., Chicago; Joy Floral Co., Nashville, Tenn.; Alvin Cape Jasmine Floral Co., Alvin, Tex.; Green Floral Co., Dallas, Tex.; Oleander Flo-



EXHIBIT OF PHILIPS BROS., NEWARK, N. J., AT THE ESSEX COUNTY SHOW.

Rhode Island Hort. Society Show.

The flower show of the Rhode Island Horticultural Society was held in the ball room of the Hotel Narragansett, Providence, November 11-12, and attracted a big crowd both days. The exhibits this year were very good, the chrysanthemums shown being of espe-

cially fine quality. As one entered the exhibition hall the first thing to command attention was the wax figure of a bride dressed for the occasion, and carrying a shower bouquet of lily of the valley and white roses, arranged with adiantum. This was staged by Johnston Bros. and made a good showing, as did a mantel decoration of Garza chrysanthemums in the same section. In the center of the room were staged the chrysanthemum exhibits, both the single vases and the displays of eight and of 25 to a vase, while to the right were the exhibits of amateurs and the display of fruit and vegetables. On the left were the carnations, all of which were excellent, the mantel decoration in this section, arranged by Gene Appleton being awarded first prize. In the rear of the hall and facing the entrance, a splendid arrangement of palms, staged by Macnair, the Florist, attracted much attention. Burke & Burns displayed a collection of roses that were prize-winners and J. A. Foster of the Warwick estate staged chrysanthemums of extra large size. Ferns were displayed by Eugene Seymour of Warren and Howard Army of Simonsville. Specimen ferns were shown by Macnair, the Florist, and Johnston Bros. Prizes were awarded in the various classes as follows:

prize; Albert Holscher, one first prize; C. O. Childs, two second prizes; E. E. Howard, one second prize; Rhode Island hospital, one second prize.

Chrysanthemums, single varieties—Johnston Bros.

Chrysanthemums in pots—Rhode Island Hospital, one first prize.

specimen fern; Burke & Burns, vases of Garza chrysanthemums.

H. A. T.

Pasadena Flower Show.

The eighth fall flower show held under the auspices of the Pasadena Horticultural Society, October 28-30, was in every respect greater and better than ever before. The commercial exhibits were of the highest class, and private growers and amateurs never showed better specimens than those staged this year. The high school exhibit arranged by the class in horticulture, under direction of Professor Carter, was a feature in itself and the display of cut flowers in variety and begonia pot plants and coleus was highly praised, the begonias being especially good, as was a collection of Jerusalem cherries. Vegetables and fruits also made a fine display.

As the visitor entered the exhibition the masses of yellow and white pot chrysanthemums which met one's gaze formed one of the glories of the show. This was one of the most wonderful displays of its kind ever shown in this section. The plants were outdoor grown and came from the gardens of Mrs. H. C. French of Oak Knoll, Louis Fried of North Holliston, and Mrs. Bullock. In the pompon class few finer collections have been shown than those raised by Wm. Davidson, gardener to R. R. Blacker of Oak Knoll. Among the special features, the pot dahlias, grown by C. G. Forsyth, gardener to E. E. Thalman, San Rafael Heights, were wonderful, while surrounding the fountain were seven-foot specimens of Begonia Haageana and a Polypodium Mandianum, of wonderful dimensions. The finest display of rare begonias ever seen in this city was staged by Dr. A. D. Houghton of Los Angeles, while Dr. Sturdevant of Hollywood showed excellent water lilies, and the Los Angeles park department sent a fine display of Victoria Regina lilies.

In the chrysanthemum classes, the following were the outstanding varieties: Glenview, Wm. Turner, Mary Donnellon, Scalarandis, Geo. W. Hoop, Lady Hopetoun, Ongawa, F. S. Vallis, Brutus, Silver Wedding, Marq. de Pierce and Winthrop Sergeant.

A specimen pot chrysanthemum of the variety Souv. Scalarandis attracted

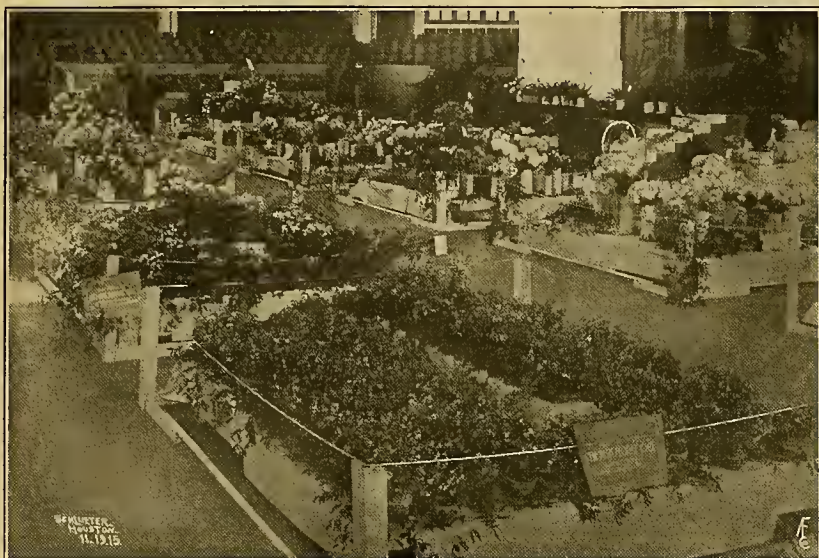


EXHIBIT OF THE PARK FLORAL CO., DENVER, AT HOUSTON SHOW.

Display of palms—Wm. Appleton, Providence.

Fancy basket of chrysanthemums—Johnson Bros.

Bride's shower bouquet—Johnson Bros.

Mantel decorations—Wm. Appleton, one first prize; Johnston Bros., one second prize.

Five vases chrysanthemums—Warwick Greenhouses, one first prize; Fred Hoffman, one first and one second prize; E. E. Howard, one second prize.

Gratuities were given as follows: Eugene Seymour, ferns; Jesse Tartaglia, ferns; Jas. Dillon, berried shrubs; Johnston Bros., table decorations, bird cage and specimen fern; Hope Greenhouses, begonias; E. J. Bevin, seedling chrysanthemums; Macnair, the Florist,

Roses—Burke & Burns, Providence, three first prizes; Warwick Greenhouses, one first and one second prize. Carnations—Warwick Greenhouses, one first and one second prize; Fred Hoffman, two first and two second prizes; Maplehurst Greenhouses, one first and one second prize; John Marshall, one first and one second prize; R. J. Taylor, one first prize. Violets—Warwick Greenhouses, one first prize. Chrysanthemums, cut blooms—Fred Hoffman, three first prizes; Warwick Greenhouses, one first and one second

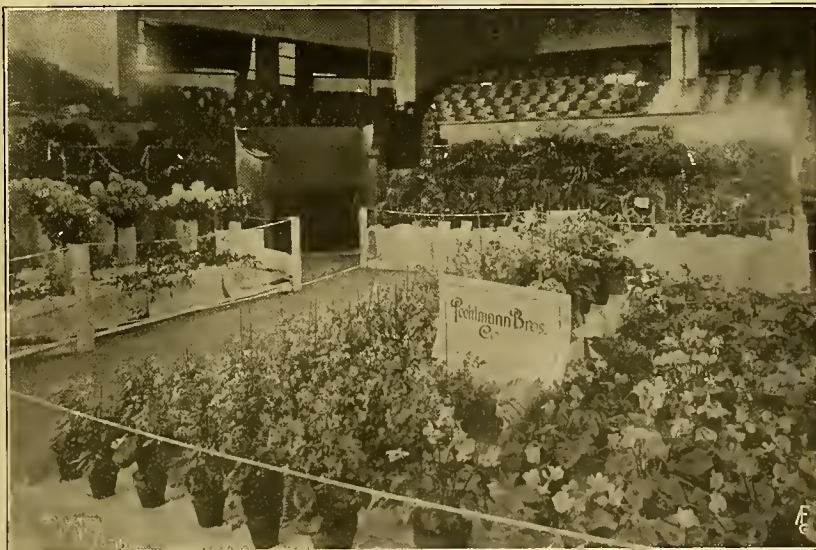


EXHIBIT OF POEHLMANN BROS. CO., CHICAGO, AT HOUSTON SHOW.

much attention with its 1,000 blooms, while another plant of the same variety, 21 feet in diameter, carried several hundred flowers, and was at all times the center of attraction. J. M. Danziger, of Beverly Hills, also sent a splendid collection of plants, both chrysanthemums and other varieties. Other fine exhibits which commanded attention were staged by H. D. Hubbard, Mrs. A. M. McNally, H. C. Hurd, Mrs. J. S. Torrence, Mrs. H. C. Barroll, Mrs. A. W. Loring and others.

The dahlia exhibit of W. S. Laurie attracted much attention. Hundreds of varieties of this attractive flower were to be seen, arranged bank upon bank in a singularly effective color scheme, making a blaze of bloom. Rose trees and hedge myrtles exhibited by P. W. Jannock were conspicuous and Edward Rust of South Pasadena had an exhibit arranged in pergola style in which a collection of rare plants and shrubs, many from foreign lands, were noticeable. The Clemence Nursery staged a handsome group of flowering plants, included in which were yellow gazanias, begonias and streptocarpus hybrids; also an artillery plant which pops when water is poured upon it and the pollen spreads in a grey cloud resembling smoke. The Balloon Nursery also had ferns and pot plants arranged in an attractive manner, while Geo. W. Smith, formerly of Howard & Smith, had bulbs in variety as his main display. The Morris & Snow Seed Co. also showed bulbs, ferns and begonias. The Patton Seed Co. made a fine exhibit of seeds, bulbs, etc., which was enlivened by flowers in vases, many colored zinnias and fine mignonette being prominent. Campbell's Seed Store featured *Sechium edule*, otherwise known as the Mexican squash or chayotte. Water lilies, seeds and bulbs also helped to make this booth attractive. Miss Sadie Thomas exhibited a chrysanthemum of a new species, a beautiful strawberry pink, named Mrs. John S. Cravens. A beautiful specimen of Mendon was also part of her exhibit. The Orchid Shop had one of the most dainty displays at the show with bridal bouquets and decorations of orchids and lily of the valley. Paul J. Howard, Los Angeles landscape architect, featured dwarf trees and made a very attractive display out of the ordinary.

William T. Shield was manager of the exhibition and great credit is due him for the able manner in which he brought the show to such a successful termination. The judges were Wm. Donald, E. H. Rust, Alex. Urquhart, Wm. Hertrick, Henry W. Turner and W. Farrell. G. H. K.

Connecticut Hort. Society Exhibition.

The officers and members of the Connecticut Horticultural Society were much pleased and gratified at the success attending their efforts to hold a chrysanthemum show. This event was held in Hartford, November 12. When the chairman of the committee in charge of the exhibition requested one member of that committee to endeavor to secure the old city hall, for many years the historical state house (also known as the famous Bulfinch building), he entertained little hope of having his ambition gratified; and when he announced that he had met with success and that the chrysanthemum show was to be held in this grand old edifice, every member of the society was greatly and pleasantly surprised.

The hall and the stairway at each side, were beautifully decorated with palms and chrysanthemums of all varieties and sizes, including groups of pompons, and a very attractive exhibit of seedlings of anemone flowered chrysanthemums of special merit. The private gardeners and growers very kindly contributed to the success of the show by bringing the best they had, and the committee wishes through the columns of THE AMERICAN FLORIST to thank the exhibitors for their wholehearted response to make the show the best ever given by the society. It is conservatively estimated that some 10,000



Wm. T. Shield.
President Pasadena Horticultural Society and
Manager of the Show.

visitors viewed the exhibition. There were no premiums offered at this show, although a number of diplomas were awarded by the judges appointed to pass on the merits of the exhibits. The society is proud that it was the first organization in this city to demonstrate for what purposes the old city hall could be used for the entire benefit of the citizens of Hartford.

John F. Huss, superintendent of the James J. Goodwin estate, was awarded a first-class certificate for specimen plants. He exhibited three large vases of white, yellow and pink chrysanthemums in the mayor's reception room, for which a certificate of merit was awarded. A first-class certificate was also awarded his collection of pot plants and pompons. Alfred Cebelius, gardener for Professor Melanthon W. Jacobus, also received a first-class certificate for specimen plant. This plant of R. F. Felton, yellow, attracted a great deal of attention, bearing about 300 blooms. Other plants exhibited by him were Dr. Enguehard, containing some 150 pink blooms, and Lady Lydia, white, this plant being trained fan shape. A striking novelty shown by Mr. Cebelius was the Reine du Japon, a peculiar white bloom with petals like pine needles. He also staged vases of Ophelia, Mrs. Aaron Ward, Mrs. Charles Russell, Hadley and Radiance roses, for which he was awarded a first-class certificate. Fred Boss, gardener at Elizabeth park, was awarded a first-class certificate for cut blooms, and also for pot plants. The south

side of the lobby was beautifully decorated by the park department, for which Hartford is famous.

The palms and ferns displayed by A. N. Pierson, Inc., Cromwell, Conn., were rare specimens for size and perfection in growth, and gave the general outline of the exhibition a finishing touch that could not be surpassed by anything else. A table of cut roses came in for their share of praise, especially the new red Radiance rose, which is very similar in color to American Beauty. Both these exhibits were awarded first-class certificates by the judges.

George H. Hale, gardener for W. E. Sessions, of Bristol, was awarded a first-class certificate for seedlings of anemone flowered chrysanthemums of special merit. This exhibit created quite a discussion among some of the visitors, as they were completely at a loss to name it. He also received a certificate of merit for cut blooms. Warren S. Mason, superintendent of the A. A. Pope estate, Farmington, was awarded a certificate of merit for general display. The chrysanthemum display of Elmer D. Smith & Co., Adrian, Mich., was awarded a first-class certificate. The staging of the various exhibits was under the direction of G. H. Hollister, superintendent of Keney park. Edward A. Brassill, manager for W. W. Hunt & Company, was chairman of the committee in charge of the exhibition, and through his untiring efforts the show was a grand success.

ALFRED DIXON, Sec'y.

Essex County Florists' Club Show.

The annual flower show of the above named club was held in the auditorium of L. Bamberger & Co.'s department store, Market and Halsey streets, Newark, N. J., November 11-12. For an initial effort, it was a great success. The growers and retailers of Newark, Irvington and vicinity, are to be congratulated for their enterprise and skill; Bamberger & Co. for their courtesy and the generous donation of two silver cups, and the people of Essex County, who by their interested attendance have shown their appreciation of the painstaking efforts of their friends and neighbors, the florists. The auditorium was practically a mass of bloom, with an appropriate mingling of foliage plants and autumn foliage.

The Bamberger cups were offered, respectively for the best retail and the best exhibit by a grower. Phillips Brothers, 930 Broad street, Newark, with a table and a mantle decoration, took the first named cup. The table decoration was of Sunburst roses.

The cup for the best exhibit of a grower, went to Henry Hornecker, 75 Central avenue, East Orange, N. J., for groups of flowering and foliage plants. He also took other first prizes for chrysanthemums. J. Rassbach, 23 Broad street, Bloomfield, N. J., took second prize for table decoration, of hardy chrysanthemums, and H. C. Strobell & Co., 895 Broad street, Newark, for table decoration of Richmond roses was third. Begerow's, 946 Broad street, Newark, took first for a very meritorious wedding decoration. John Crossley, 29 Belleville avenue, Newark, took first prize for a bouquet of pompons. Other awards follow:

Twelve yellow chrysanthemums — Jacob Hauck, Bloomfield, N. J., 1st.

Collection of pompons — Irvington Greenhouses (Edwin Persson, Gr.), 1st; A. Linsermann, Newark, 2nd.

Group of pot chrysanthemums—W. G. Muller, Newark, special prize; also, first for vase of pink chrysanthemums. Water lilies—Wm. Tricker, Arlington, special award.

Six bronze chrysanthemums—Guttman & Raynor, Inc., New York, with Glenview, 1st.

Twenty-five pink roses—Guttman & Raynor, Inc., with Prima Donna, 1st. Collections of chrysanthemums—Elizabeth Nursery Co., Elizabeth, special prize.

Other awards were as follows:

Chrysanthemums—Plebany & Son, Irvington; E. Jacoby, Irvington; George Penek, Newark; Hauseman Bros., Irvington.

Pompons—C. H. Totty, Madison; Davis & Davis, Newark.

Table ferns—Frank N. Eskensen, Madison.

Carnations—Chas. Weber, Lynbrook, N. Y.; John Pfeiffer, Irvington.

Roses—J. Wagner.

The judges were Walter F. Sheridan and John J. Coan, New York, and Chas. Weber, of Lynbrook, N. Y. Jacob Hauck, of Bloomfield, was chairman of the exhibition committee.

A. F. F.

Cincinnati.

BUSINESS SHOWS GAIN.

As Thanksgiving approached, business began to pick up, and the first of this week was better than at any time within the past fortnight. Colder weather than we have had has succeeded the moderate temperature of the past several weeks. Chrysanthemums continue to be very plentiful and will be in a very large supply for Thanksgiving. The cut of roses is not as large as it was, but still is sufficient to take care of present needs. Carnations are meeting with a good demand. The receipts in Easter lilies are sufficient for present requirements. Sweet peas sell very well. The first stevia of the season made its appearance last week. Other offerings include single and double violets, orchids, lily of the valley and callas. Greens are plentiful and include some very fine smilax.

NOTES.

Jas. Allen, at a recent competitive civil service examination to hold his position as chief nurseryman, was high man with an average of 98.1 per cent.

In spite of an inactive market, E. G. Gillett is able to report a good week's business last week.

P. J. Olinger has been cleaning up very nicely on his roses and carnations.

C. E. Critchell was the first to offer stevia in the market this fall.

Visitors: "Sprinkleproof Sam," Seligman, representing Wertheimer Bros., New York; W. J. Cox, representing Weber and Son, Brookville, Ind.; F. P. Collyer, Falmouth, Ind.; Mrs. Lampert, Xenia, Ohio; Miss Federle, Wm. Loder, Walter Gray and Karl Weiser, Hamilton, O. H.

Minneapolis.

MARKET HAS ITS UPS AND DOWNS.

The market has been very erratic during the past two weeks—one day the demand is brisk, and the next day very quiet. Stock of all kinds is abundant with the exception of American Beauties. Chrysanthemums are still arriving in both standards and pompons in large supply. Many of the growers are only half through cutting. Prices on chrysanthemums range from \$1 to \$3 per dozen, pompons are selling at 25 to 50 cents per bunch, while American Beauties are selling at \$2 to \$4 per dozen. Other rose offerings vary in price from three to 15 cents. Carnations are being received in large

numbers and are priced at from two to three cents. Lily of the valley is seen in quantity and is offered at four and five cents. Green goods are in good supply at usual prices.

NOTES.

The Whitted Floral Co., as usual has very attractive window displays. At the Fifth street store an orchid arrangement is excellent while the windows of the Nicollet avenue shop are trimmed with blooming plants.

Cal Rice, of Rice Bros. and Mr. Von Bochove and party of Kalamazoo, Mich., are in camp 60 miles north of Grand Marais. The "boys" are awaiting that "big eats" on the return of the hunters.

W. D. Desmond has returned from his trip to the Chicago and Cleveland shows. He is delighted with the trip and what he saw at the exhibitions and met many old friends in both cities.

Merriam Park Greenhouses have a fine lot of blooming plants that are showing up fine for the holidays. This concern won first prize on cyclamen plants at the Chicago show.

W. D. Desmond spoke to the younger florists on "Salesmanship" at the meeting at the Central high school, November 18. A large class was in attendance.

J. E. Beck, gardener for J. F. Wilcox at Lake Minnetonka, has closed up his place for the season and is visiting his many friends here.

The force at the Donaldson greenhouses are cutting some fine Dolly Dimple chrysanthemums 11 inches in diameter.

Don't forget the flower show to be held at the West hotel, December 7-10. Come in and show the best you have.

Wm. Holmes had a very attractive window display, chrysanthemums being arranged with bouvardias.

Cal Vasatka has closed his season at the L. C. Donaldson residence and is back at the greenhouses.

S. W. Cargill has two large houses of extra quality Boston ferns which are meeting with ready sale.

A. S. Rice, of Rice Bros., is busy answering inquiries and booking orders for Christmas novelties.

The Chicago Avenue Greenhouses have added another motor truck to their delivery system.

Oscar Carlson is sending in some extra fine roses, which find ready sale.

Leo Brandt is now plant man for Northrup, King & Co.

The lady florists of this city will give a ball, January 6.

The Eldridge Floral Co. has put in a new store front.

Visitors: Geo. Dysinger, Ionia, Mich.; J. A. Peterson, Cincinnati, O.; H. E. Philpott, Winnipeg, Man.; M. Haageman, Holland. T. C. R.

New York Florists' Club.

RESOLUTION ON DEATH OF L. W. KERVAN.

Lawrence W. Kervan, our brother, has joined the innumerable throng. Those of us who knew him best loved him the most. His was a noble character, genuine, unselfish, generous, true as steel. He was a friend worth while. Full of hope and good cheer, he always looked on the bright side of life, and his companionship was an inspiration. Notwithstanding his 72 years of labor and vicissitude, he had the heart and enthusiasm of youth. Such men are needed here. It is not easy to become reconciled to such bereavement as his family suffered when he passed away. Patient and resigned, in much physical suffering, he taught us all the lesson of brave submission to the inevitable, and the faith in immortality. He was not afraid to die; to him there was no sting to death. The grave has lost its victory. It was but crossing,

with suspended breath, a little strip of sea, to find

"His loved ones on the other shore,
More beautiful, more precious than before."

Mr. Kervan was born in New York City. He was a veteran of the Grand Army of the Republic, and in the Gallery of the National Museum at Washington his portrait will ever remain, a monument to his loyalty and love of country. He built up the most successful business in evergreens in the world—this also a monument to his unflinching business integrity. He was never heard to speak ill of any man. He was respected by every man who knew him. His name is honored and unsullied, a blessed heritage to his family.

Be It Resolved, That these resolutions be spread upon the minutes of the New York Florists' Club, and that a copy be sent to his bereaved ones.

(Signed)

PERCY RIBBY,
SOL HANFLING,
J. AUSTIN SHAW.

The Late Otto Stumpff.

Otto Stumpff, who for the past 50 years has been connected with the seed trade of New York, died at his home in West Hoboken, N. J., November 16, aged 69 years. He was born in Germany and came to this city when 19 years old. He secured employment with J. M. Thorburn & Co. and was later with the firm of B. K. Bliss & Son, which has for some years been out of business. For the past 32 years he had a store at 88 Gansevoort street, as the selling agent of Peter Henderson & Co., the principal business being with the farmers and market gardeners who frequent that neighborhood. On October 1, 1915, he severed his connection with Peter Henderson & Co. and retired from the business.

Mr. Stumpff was well known and admired for his straightforward honesty and fair dealing. He is survived by a widow, one daughter, Mrs. Hoehn, and two sons, George Stumpff of the Stumpff & Walter Co., 30-32 Barclay street, and Otto J. Stumpff, who now conducts the store at 88 Gansevoort street on his own account, not being connected with Peter Henderson & Co.

A. F. F.

SEATTLE, WASH.—Lena W. McCoy is on a journey to the Hawaiian Islands, from which she writes, "delighted with the wonders of these seas."

BEACON, N. Y.—Benjamin Hammond, the well known insecticide manufacturer of this place, had an interesting account of the Cleveland show in a local newspaper, November 16.

WASHINGTON, D. C.—The annual flower show of Gude Bros. Co. was more beautiful than usual this year, hundreds of colored electric lights and singing birds being used to add to the effect.

KOKOMO, IND.—Miss Elsie Coles' flower shop was thronged with visitors, November 8, the occasion being the formal opening of this handsomely appointed establishment. The interior was a mass of bloom and the artistic arrangement of the flowers and plants made it the prettiest store in the city.

MINNEAPOLIS, MINN.—The Minneapolis Tribune in its issue of Sunday, November 21, reproduces a portrait of Theodore Rudolph Wirth, son of Park Superintendent Theodore Wirth, who has been placed in charge of the battalion at St. John's Military Academy, Delafield, Wis., in his second year as a pupil at that school.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application. From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RENEW subscription promptly so that no copies of the paper may be missed.

GOLDEN PRIVET has been strongly recommended as a window box plant.

GLADIOLUS AMERICA in winter on the Boston market, according to a prominent wholesaler, sells better than any other variety, six to one.

CLEMATIS montana lilacina, a new hybrid, according to description differs little from C. montana rubens, except in its superior vigor—a much desired improvement.

FLORISTS who have had to meet hard times in 1915 may congratulate themselves on the condition of commercial floriculture now compared with conditions in 1903. Then the product of the florist was a luxury, now most of the products of our trade have become necessities. The prices, too, are moving in line with every day needs.

Chrysanthemum Society of America.

REPORTS OF EXAMINING COMMITTEES.

New York, November 6.—Seedling No. 60, amber bronze single, scored 84 points; Seedling No. 75, pink shading to white center single, scored 94 points; Seedling No. 19, bronze single, scored 87 points; Seedling No. 53, terra cotta bronze single, scored 89 points; Seedling No. 74, bronze single, scored 86 points; exhibited by Henry Gaut, Glen Cove, N. Y.

Philadelphia, Pa., November 6.—Seedling No. 6, white incurved, Japanese, scored 81 points; Seedling No. 7, white, Japanese, scored 85 points; exhibited by G. A. Lotze, Glen Burnie, Md.

Cleveland, O., November 11.—Autocrat, white incurved, scored 89 points commercial; Seedling No. 69, yellow incurved, scored 87 points commercial; exhibited by the E. G. Hill Co., Richmond, Ind. Seedling No. 23, bronze terra cotta, Japanese, scored 86 points commercial; exhibited by A. N. Pierson, Inc., Cromwell, Conn. Autocrat, white incurved, scored 89 points commercial and 87 points exhibition; exhibited by C. H. Totty, Madison, N. J. Seedling No. 15, yellow anemone, scored 89 points; Seedling No. 2, bronze pompon, scored 83 points; Seedling No. 65, bronze pompon, scored 83 points; Seedling No. 7, pink pompon, scored 81 points; Seedling No. 26, pink pompon, scored 85 points; exhibited by Fred Pautke, Grosse Pointe Farms, Mich. Seedling No. 20, yellow single, scored 70 points; Seedling No. 26, light bronze incurved, scored 84 points commercial; Seedling No. 216, bronze reflexed, scored 78 points commercial; Seedling No. 234, bronze reflexed, scored 79 points commercial; exhibited by Carl Becherer, Dixmont, Pa. Ogontz, light yellow incurved, scored 87 points exhibition; Josephine Foley, white incurved, scored 87 points commercial; Nardi, white pompon, scored 83 points; Little Gem, pink pompon, scored 91 points; exhibited by Elmer D. Smith & Co., Adrian, Mich.

Philadelphia, Pa., November 12.—Ogontz, yellow, with light yellow reverse, scored 90 points commercial and 89 points exhibition; exhibited by Wm. Kleinheinz for Elmer D. Smith & Co.

New York, November 13.—Seedling No. 7, light bronze single, scored 78 points commercial; Seedling No. 30, bronze single, scored 88 points; Seedling No. 32, Indian red single, scored 92 points commercial; Seedling No. 50, yellow single, scored 86 points commercial; exhibited by Henry Gaut, Glen Cove, N. Y.

CHAS. W. JOHNSON, Sec'y.

Nephrolepis at Brooklyn Botanic Garden.

At the Brooklyn botanic garden there has been assembled a collection of between 60 and 70 varieties of nephrolepis, over 50 of which are named, as shown in the lists given below. The catalogues of English growers offer about 40 additional varieties which the garden expects to purchase within a few months. In addition to maintaining this collection for the purpose of scientific study, the garden desires to make it of value to American growers of nephrolepis, and makes herewith the following offer. Small plants or runners of any of the plants named will be furnished to growers interested in trying them out, as fast as a limited

supply of stock plants will allow. Requests for information regarding any of the varieties listed below will be answered by the writer of this note as completely as available data will permit. Furthermore, the garden is having reprinted the writer's article on nephrolepis prepared for Bailey's Cyclopaedia of American Horticulture, and will be glad to send a copy of this reprint to any grower on request. This contains a general discussion of nephrolepis, with descriptions of all the varieties about which information was obtainable.

In return, growers are asked to send in any new forms which they may produce, and also any old forms, such for example as Barrowsi, which has not yet been obtainable in the United States, although listed in English catalogues. In connection with the cyclopaedia article, the writer will welcome and greatly appreciate notification of any mistakes or omissions, or other information pertinent to the subject.

List 1.—Varieties of *N. exaltata* of authenticated identification (two or three exceptions noted), the stock plants having been obtained from their original source:

N. exaltata (from Porto Rico); *Bostoniensis* (Becker); *Piersoni* (?), elegantissima, elegantissima "improved," elegantissima compacta, superbissima, muscosa, viridissima, "dwarf Boston"; *Whitmani*, *Whitmani* compacta, magnifica, gracillima (?); *Amerpohli*; *Clarki*, *Smithi*; *Craigii*, *robusta*, *Wanamakeri*; *Scotti*, *Wagner*, *falcata*; *Anna Foster* (?); *Elmsfordi*; *Harrisi*, *Millsi*; *Roosevelti*, *Teddy Jr.*; *Scholzei* (typical two-pinnate), *Scholzei* (3-pinnate, erect lvd.), *Scholzei* (3-pinnate, spreading); *Giatriasi*, *New York*; *todeoides* (?).

List 2.—Varieties of other species than *N. exaltata*; identification not yet verified:

N. cordifolia, *tuberosa plumosa*, *pectinata*, *Duffii*, *rivularis*, new species (?), *biserrata* (*davallioides*?), *biserrata furcans*, *hirsutula*, *hirsutula tripinnatifida*, *Wittboldi*, *flocigerata*, *acuminata*, *philippinensis*, *superba* (or *Westoni*).

Besides these, other forms to the number of 10 or 15, are being grown at the garden. Some of them are possibly of no commercial value, but others are of value and are likely to be introduced eventually. The latter have been sent to the garden with the understanding that they will not be allowed to go out.

R. C. BENEDICT,
Brooklyn Botanic Garden.

Big Gain in Chicago Trade.

November promises to be a record-breaking month in the history of Chicago jobbing concerns. Wholesale trade is showing big increases over a year ago. In some departments the dry goods trade is now running double a year ago. Throughout the middle west retail dealers are replenishing their stocks in response to more active buying. In the farming districts, especially, the signs of prosperity, as shown in increased demand for merchandise, are manifold.

An official of the First National bank said November 19: "One of the most encouraging signs is the recent improvement in the lumber trade, which for a long time failed to respond to the better trend in other basic lines. Demand for lumber has recently increased greatly, owing to enlarged building operations and the large orders for cars placed by the railroads. In the south lumber has recently advanced \$2 to \$2.50 a thousand feet."

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—By experienced florist in carnations, chrysanthemums, cucumbers and pot plants. Single man; 15 years' experience. Key 582, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By young man as assistant storeman, strictly honest sober and reliable. 3 years in the trade. Have A1 reference. Chicago or the middle west preferred. Can come Dec. 12. Please state wages in first letter. Address Key 579, care American Florist.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. Address Key 567, care American Florist.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. Address Key 579, care American Florist.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address Key 579, care American Florist.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. Address Key 579, care American Florist.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Address Key 552, care American Florist.

Help Wanted—An all-around man; must know how to drive an automobile. Address Key 552, care American Florist.

Help Wanted—Competent men to pack plants, bulbs and seeds for firm doing a general freight, express and mail order business in these lines. Address, giving full particulars. Address Key 581, care American Florist.

Help Wanted—Experienced man to grow general stock of miscellaneous greenhouse plants, bedding and vegetable stock. State age, experience and wages expected. Address Key 580, care American Florist.

For Sale—Five to nine acres of land cheap. Rare opportunity for florist. Address Key 581, care American Florist.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. Address Key 581, care American Florist.

For Sale—Florist greenhouse business; good seven room house; ¼ acre lot, all in running order; going south; will give big bargain; all for \$1800. Address Key 581, care American Florist.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563, care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, Address Key 583, care American Florist.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For Sale or Partner—Small greenhouse on seven acres choice garden soil. All or part to man having small sum of money to invest with his labor. Best location. No opposition. Address Key 583, care American Florist.

For Sale—Three greenhouses, over 3,000 feet of glass; 8 room dwelling; 7 acres good land; dwelling and greenhouses steam heated and electric lights; own water supply outfit. \$3,700 takes the place, stock and good-will. Clear title. Doing good business. Address Key 583, care American Florist.

For Sale—Cheap. In Detroit, where life is worth living, my retail florist business, located in a good neighborhood and on the main car lines to 6 of Detroit's cemeteries; there is no competition and am doing a good business. I have other interests that demand my attention. For terms address Key 583, care American Florist.

For Sale or Rent—Modern greenhouses, 10,000 sq. feet glass, well stocked, plants and cut flowers; good location, fine neighborhood, Milwaukee Co. will sell stock and give favorable lease or sell all on easy terms. Key 585, care American Florist.

For Sale or Rent Cheap—On account of death 28 years established florist business; four greenhouses and dwelling, all in good condition; no competition; best location handy in every way. Stock on hand gratis. Convince yourself or write to, Address Key 585, care American Florist.

Wanted to Buy—Greenhouses, about 10,000 to 15,000 square feet of glass; must be in good condition. Pennsylvania preferred. Give full particulars in first letter. Address Key 557, care American Florist.

Wisconsin Retail Establishment FOR SALE.

Six greenhouses consisting of 12,000 feet of glass heated by two hot water boilers. Workshop and office in connection, with basements underneath both. Place is planted with Roses, Carnations, Chrysanthemums, Violets and pot plants, and is the only stand in live city of 5,000 inhabitants, with several good towns to draw from nearby. One to ten acres of land and satisfactory terms to right party. Biggest bargain ever offered. Write for further particulars; do it right now. Hurry. Key 584, care American Florist.

NOTICE

The agreement between Israel H. Eisenberg and Hugo Bergman ceased on November 1st, 1915. Statements for unpaid bills contracted previous to the above date should be sent to number 9 Grove Street, Far Rockaway, L. I., New York.

I. H. EISENBERG, New York.
November 4, 1915.

Help Wanted:

Greenhouse vegetable grower. High class man familiar with in and outside market gardening. Young married man preferred. A good proposition for the right man. New modern plant. Give reference. Address Key 576, care American Florist.

TO GROWERS: Hickory Wood Ashes

FOR SALE. Apply at once to
CASTLE CAVE,
271-73 Seventh Ave., New York City

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$1.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

A HOLLY WREATH

Red and Green

FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3¼x4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color, \$1.50. The large size, one color, \$2.70.

Cash with order.

American Florist Co.

440 S. Dearborn St., CHICAGO.



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Milwaukee, Wis.

SUPPLY SHORT OF DEMAND.

Owing to the dark weather last week, stock in general shortened up so that by Saturday it was difficult to please everybody with the exception of in chrysanthemums. Monday of this week finds roses a very scarce article, with lily of the valley a close second. Carnations are about equal to the demand and will remain so if bright days are the order of the day up to Thanksgiving. The few sweet peas coming in do not cut any figure yet, while the demand for single and double violets is ahead of the supply. The only article about equal to the demand are lilies.

NOTES.

At the C. C. Pollworth Co.'s greenhouses, they claim their chrysanthemums are from one week to ten days earlier than in former seasons, consequently Thanksgiving will about clean them up for this season. They also report the arrival of their azaleas, which in a way was a surprise; they did not show up quite as well though, as in former years. They anticipate a very heavy week.

The next florists' club meeting takes place December 2, annual election of officers for the coming year plus an illustrated talk on his western trip by Thos. Kennedy ought to be enough inducement to insure an exceptionally large attendance.

November 21 or 22 the mercury showed 17 degrees above zero, the coldest so far this season, and delayed outdoor planting for the time being.

Paul Benke, section foreman in the rose houses of the Holton & Hunkel plant at Brown Deer, took unto himself a better half November 17. He expects to move into his new bungalow, which is located near the greenhouses, in a short time. The above firm reports a raft of mail orders for Thanksgiving (day received Monday, November 22).

The Edlefsen-Leidiger Co. will, according to arrangements, move into their new store on Milwaukee street December 1, they will still continue to do business at their Third street store for some time to come.

We are informed that medical herbs and plants will be grown in a botanical garden to be established by the park board next spring in connection with the Mitchell park conservatory.

Visitors: Philip McKee, of American Greenhouse Mfg. Co., Chicago; John Rindfleisch, Beloit, Wis.; Otto Schroeder, Green Bay, Wis.

E. O.

Albany, N. Y.

Following the success in the Adirondacks of Fred Henkes, former president of the florists' club, about 25 of the members enjoyed a venison supper November 18 at the Albany Cut Flower Exchange. Mr. Henkes succeeded in bringing down a buck during his two weeks' trip into the wilds and the members who were at the supper can testify that it tasted good. Thomas F. Tracey, manager of the Cut Flower Exchange, arranged for the dining service, which was well carried out with the aid of a nearby Chinese restaurant proprietor, who proved equal to the occasion. Short addresses were made by Fred Henkes, Thomas F. Tracey, Edward P. Tracey, and others. A vote of thanks was extended to Messrs. Henkes and Tracey for their hospitality. Harry J. Anderson, representing A. N. Pierson, Inc., Cromwell, Conn., arrived in town the day of the Henkes' dinner and had the unexpected pleasure of being invited to attend. He reports the Pierson concern as putting

in extra efforts to capture nursery orders in connection with the landscape work which is going on extensively on large new estates in Connecticut, Long Island and Massachusetts.

Local florists who are remitting funds for azaleas bought in Belgium have received instructions to make drafts payable to a London bank, which will make settlement with Belgian growers after the war. At present there is no way by which remittances may be sent direct to the growers.

R. D.

Boston:

FOOTBALL SEASON BOOSTS PRICES.

Business has picked up considerably the past two weeks. The Harvard-Yale game did much to stimulate the market, especially in red flowers and violets. In a few cases Intensity chrysanthemums brought as high as \$6 per dozen, but the average price was \$2.50 and \$3. Violets sold readily at \$1 per 100. The market is well stocked with chrysanthemums for Thanksgiving trade and the outlook is none too promising. Roses advanced the latter part of the week, as did carnations. The carnation market is growing shorter each day as the dull weather continues and good prices are expected. Lily of the valley is selling better, there being a slight shortage. Snapdragons are becoming more plentiful, but the demand seems to increase with the supply. Stevia and winter flowering Spencer sweet peas have commenced their season and both sell very well. The plant trade is picking up, and promises to be very good for the holiday business.

NOTES.

H. Waldecker, of Braintree, received word that his brother, who has been serving in the German army since the beginning of the war, was killed while in action in Russia. He was fighting in Belgium and Northern France during the first part of the war, but during the summer months was transferred to the Russian front.

Robert Montgomery, of Natick, is very much pleased with the quick service he gets from his new truck in which he makes his daily shipments to Boston. As a time and money saver he says it can't be beat. Next spring he expects to put up a small house in which he will grow chrysanthemums.

P. Welch reports business as growing better each day and believes that from now on, the trade will be much better. He is receiving some fine shipments of pink Killarney roses, as well as good American Beauties. The first Paper White narcissi of the season were seen in his establishment.

The Mishawam Flower Co., of Woburn, are cutting, in addition to chrysanthemums, some very fine winter flowering Spencer sweet peas. Their new, large house will be completed within a few weeks and will be devoted entirely to cucumbers.

Some of the best sweet peas seen in the market are grown by F. Bell, of Stoughton, Mass. They are of fine color and have stems from six to eight inches in length.

D. F. Hutchinson, of Lexington, has a fine lot of Bonnaffon chrysanthemums. Being Thanksgiving week he expects to cut 8,000 blooms.

Wm. Sim, of Cliftondale, is shipping a fine lot of violets and pansies at present. On Saturday, November 20, he sold 55,000 violets.

W. T. Walk, of Salem, is showing some fine specimens of poinsettias and Begonia de Lorraine at his stall in the cooperative market.

F. L. W.

Lancaster County Florists' Club.

One o'clock, Thursday, November 18, found Messrs. Nagle, Fleer, Amos Rohrer of Strasburg, and the writer ready for a visiting trip to Mannheim. Enroute we were joined by Harry Weaver and Adolph Peters, making an even half dozen—a small but select party. Arriving at Mannheim, under the guidance of Mr. Nagle, we became lost, but finally discovered the establishment of Phares Hostetter and found this place turned over to calla lilies by the ten thousand and to sweet peas, all in excellent shape. At Monroe Hostetter's we found sweet peas, mignonette, baby primrose, double allyssum, daisies and carnations, and the most remarkable thing of all was that everything was uniformly good, better, as Mr. Hostetter himself said, than the stock has been for the past five years. E. P. Hostetter's is the giant place of the county. His houses of Asparagus Sprengeri and plumosus are right on the job as a money-making proposition, and one lot of plumosus is laden down with seed. A house of yellow daisies three years old was in full bloom and an evidence of what can be done by careful culture. In his carnations, of which there are tens of thousands, one house was a partial failure, but the balance were in fine form, and especially those that had been planted in all summer. A house of Matchless, 400 feet long, planted from two-inch pots in June, were magnificent, the flowers being as good as those shown by the originators in New York the year previous to its introduction.

At 7:30 p. m. President Barr rapped the meeting to order, and after hearing a report from the visiting committee on our afternoon trip, in which the chairman told the officers and the members what he thought of the small delegation, we proceeded to business. The dahlia show committee reported expenses amounting to about \$25, which the fair association should have paid, but refused to do, and the club assumed the bill. The visiting committee reported arrangements for a trip to Lititz next month, and as we have never visited Lititz, it is likely that the half dozen for this trip will be six or more times six for Lititz.

Short talks on chrysanthemums were made by B. F. Barr, who switched off into a general talk on the psychology of plant growing with some very fine theoretical ideas that we would all be only too glad to work out if we could. Harry K. Rohrer gave a list of varieties for early, midseason and late that they had found valuable. He also asked the members to try and grow a few blooms for our show, which we intend holding in 1916. Rudolph Nagle gave his experience with the early varieties and Chas. Tucker gave some of his experiences as an amateur grower, all of which were very interesting to the members, of whom there was a goodly attendance, including our ever-ready out-of-town member, T. J. Nolan, of the King Construction Co. In line with the suggestions of Harry K. Rohrer as to the members growing some exhibition blooms for our show next fall, it was decided to send out a list of varieties suitable for this purpose and let every member check up which he would volunteer to grow so as to get a good variety and not too much duplication. This line of action is made necessary by the fact that there are only a few members who grow chrysanthemums, and yet all want a part in the preparation for this show. On the exhibition table F. Spihner exhibited a fine vase of Roman Gold. H. D. Rohrer showed single blooms of Wm. Turner, Dolly Dimple and Nakota that were strictly in

the exhibition class. B. F. Barr staged Wm. Turner, Amorita, Harvard, Thanksgiving Queen, Patti and Rosette, all first flowers.

For the December meeting there will be an oyster supper and a general social time held in the Brennman building, with prizes for bowling, billiards and pool, and a doctor to look after the man who eats the most oysters. "Dutch treat," \$1.25 per head, and we hope to have some of our out-of-town friends with us for this occasion.

ALBERT M. HERR.

Kansas City.

The market has been well supplied with stock during the past week and the quality has shown improvement. Chrysanthemums still hold the lead. They are very plentiful and with fine large blooms, find a ready sale. Roses are coming in in larger quantities, but are still high in price. Carnations are of very good quality and lilies are also plentiful. Funeral work and decorations have been plentiful.

NOTES.

It is with sincere regret that we hear of the death of Mrs. W. J. Barnes, whose death occurred November 19, and the deepest sympathy is extended to Mr. Barnes and his family by many friends in the trade. Mrs. Barnes was born in Bridgeton, Me., in 1865. She was married in St. Louis in 1883, and came to this city, and has lived at her present address for more than 25 years. She is survived by her husband, W. J. Barnes, well-known florist of this city, five sons, William John, Jr., Edwin J., Herbert H., florists; Walter R., attorney; Frank L., cashier and one daughter, Miss Ruth Sidonia Barnes, all of Kansas City. Many beautiful floral tributes bore testimony to the high esteem in which Mrs. Barnes was held by a host of friends, and for which, together with many expressions of sympathy, we have been requested to express to the florists the thanks of the bereaved family.

T. J. Noll & Co. are handling roses, chrysanthemums, carnations and lilies in abundance. The violets seen here are also very fine. Trade both in cut stock and supplies is reported very good.

Miss Hattie Jewell, formerly located at 211 East Eleventh street, has moved to her new location at Eleventh and Walnut streets. The trade wishes her success in her new store.

H. Kusik & Co. report out-of-town trade exceptionally good. They are having a big run on yellow chrysanthemums and cannot get stock enough to fill all orders.

The Wm. L. Rock Flower Co. have booked quite a number of orders for decorations during December. This firm reports very satisfactory business in both decorations and funeral work.

Arthur Newell has recovered from his recent accident, when he was run down by an automobile on his ranch in Texas, and is back on the job again.

A. Mohr is sending in some cinerarias of high quality. H. H. C.

Buffalo.

CHRYSANTHEMUMS STILL LEAD.

Trade and weather are about as in other localities. Stock is equal to all demands and of very good quality. Chrysanthemums are still the flower called for and will be until after Thanksgiving, when it should cease to be offered for sale. The reason for the chrysanthemum's popularity is the brevity of its sale, thus making the public look forward to the time when this flower is in bloom. Early forcing and late blooming have a tendency to depreciate its value. There are too many other flowers of equal beauty

that should have their season. This only applies to flowers that are specified as autumn, spring or summer blooming flowers. Roses are improving in quality, and the supply is equal to all demands. The calendar last week had several receptions and a few weddings of very fair proportions. This week's indications are good, not counting Thanksgiving.

The Buffalo delegation that were fortunate in visiting the Cleveland show are loud in their praise of the exhibition. It certainly was well managed and the exhibits sent from far and wide, together with what was grown and shown by the local growers could not help but be a success. The advertisement of John D. Rockefeller for the children, and the specimen plant sent by Adolph Lewisohn, Ardsley, N. Y., were alone worth complimenting the management upon; also, the able press representative, who alone could get that amount of advertising gratis. Wm. F. Gude, in his remarks at the banquet, was right when he said it was the best advertised show ever, and other cities would have to hustle. All congratulation to Cleveland. We in Buffalo can say that F. C. W. Brown, and the "time they run on", are from Buffalo.

The funeral of Col. Francis G. Ward, who for 14 years was commissioner of public works for this city, and a man of wide acquaintance and of very high esteem was held. The display of flowers was possibly the largest and the most varied of any seen here in a long time, every conceivable design with the possible exception of a Gates Ajar was there, and the work of nearly every florist, from the most elaborate design to the simple cluster. All had orders for the Colonel's friends were legion. He was as high as the Masonic fraternity could confer and a member of almost every other society.

The Buffalo trade is now able to look at another name on a Main street store. Chas. Felton has bought out the business of Beyer, the Florist, on Main street near Utica street. This makes the fifth change in this store's proprietorship in less than five years.

BISON.

Round About Thanksgiving Time.

Oh, the time is getting nearer when I'll pack my grip and fly
To the little home off yonder where the meadows touch the sky.
Where the cribs are fairly bursting with the corn they've gathered in
And the orchards now are sleeping till the days of spring begin,
Where the dear old mother waits me and the dear old dad looks wise
As he views the shining turkey and the row of pumpkin pie.
And I almost hear him chuckle: "It's Thanksgiving day once more!
Soon a mighty hungry feller will be knockin' at the door."
I can see the dear old mother in the kitchen bakin' things
That would glad the eyes and palates of the proudest of our kings.
I can see the pumpkin glowing as she fills the snow white crust,
And my soul this very minute feels the old time wanderlust.
Oh, I'll soon be treading backward o'er the paths that once I knew
To the old home in the valley, to the old folks, good and true.
You were right, dad, when you chuckled as you paced the kitchen floor,
"Soon a mighty hungry feller will come knockin' at the door."
You can bet I'm mighty hungry—mighty hungry just to see
The old smiles beaming brightly and to feel they're all for me.
Oh, I'm hungry just to kiss you and to feel your arms again
Sort of loving-like around me as you once embraced me when
I was leaving for the city, and I'm hungry just to squeeze
Dear old mother as I used to and to sit upon her knees.
Oh, there is no use denying it's Thanksgiving Day once more.
"Soon a mighty hungry feller will come knockin' at the door."

For Names You Will Need

The American : :
Florist Company's

- - TRADE - - DIRECTORY

1915

Contains 548 Pages
Price \$3.00 Postpaid

THE AMERICAN FLORIST COMPANY'S Trade Directory, for 1915, fully revised, is indispensable in mailing catalogues and circulars to the trade. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

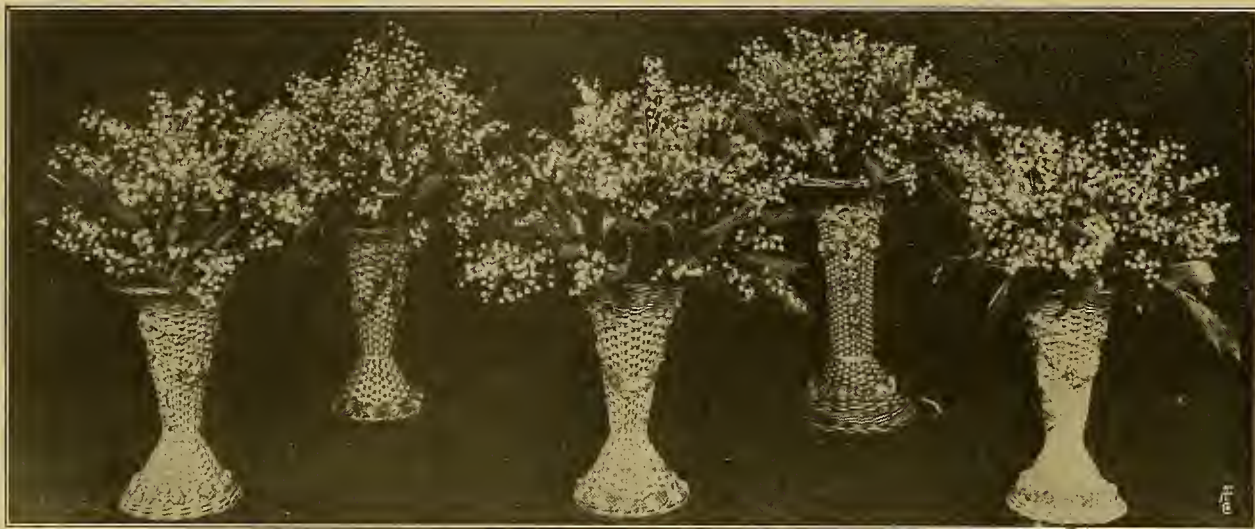
PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St.

CHICAGO

XMAS VALLEY



BRUNS' FIRST PRIZE LILY OF THE VALLEY AT THE CHICAGO SHOW, NOVEMBER 11.

From Cold Storage for Christmas and Holiday Flowering

Bruns' Celebrated Chicago Market \$18 per 1000; \$9.50 per 500; \$5.00 per 250.

Florists' Money Maker \$16 00 per 1000; \$8.50 per 500; \$2.00 per 100.

H. N. BRUNS, 3040 Madison St., CHICAGO, ILL.

St. Louis.

CLUB MEETING.

A meeting of the florists' club was held at the Missouri Botanical garden, November 18, when plans for the coming meeting of the American Carnation Society were discussed and sub-committees announced. A. F. Ammann, vice-president of the national carnation organization, urged that every effort be put forth to make this the banner meeting of the society. In view of the short time to complete preparations the club's spring show for 1916 was abandoned.

Resolutions on the death of the late Wm. C. Young were presented. Mr. Young, who died suddenly November 11, was formerly connected with the concern of C. Young & Sons Co., and more recently the Young Bros. Floral Co. Mr. Young was born at Toronto, Ont., about 50 years ago and was an ex-president of the club.

The next meeting of the club will be held December 9 and a meeting of the officers is scheduled for November 29 at the home of Wm. C. Smith.

NOTES.

About 100 attended the Shaw banquet at the Liederkrantz club, November 19, representing all branches of the trade. J. K. M. L. Farquhar, of Boston, Mass., was the speaker of the occasion, his subject being "European Bulbs," more particularly the production of Dutch bulbs, illustrated by stereopticon slides.

Norway Spruce for Miniature Christmas Trees

**Selected, shapely plants, { 18-24 in. tall, \$12.00 per 100
12-18 in. tall, 9.00 per 100**

These are an attractive florists' specialty and sell very readily. Order NOW so that they can be dug before the ground freezes and be shipped in time for potting up.

JACKSON & PERKINS COMPANY, Newark, New York

The engagement of Miss Matilda Meinhart and Wm. Boaz is announced.
R. S. W.

Columbus, O.

THANKSGIVING SUPPLY SHORT.

Local florists experienced last week to some extent the usual quietness that just precedes a holiday period. Thanksgiving week started off with stocks that were not expected to be adequate to demand in chrysanthemums and pompons. Some anxiety was also felt about carnations. The latter are of excellent quality, but cuttings have not been very profuse for the past ten days. They have reached the price of 75 cents a dozen, the highest this fall, and choice blooms it is thought will soon go to a dollar. There is a good supply of roses, in variety. Killarneys, Ophelias and Sunbursts are the best sellers. Cuttings of American Beauties are fine, the maximum Thanksgiving time price being \$12 per dozen. Sweet peas are shown in limited quali-

ties, and command 50 cents a bunch. Primrose and cyclamen are the early winter potted plants that have made their appearance. Bulbs are still very active. One florist reports \$700 worth of fall bedding now on hand.

NOTES.

The Art Floral Company, doing business in the Keith Theatre building, is starting a new store in the Hartman building, East Main street, to be known as the Hartman Floral Shop. Although opened up for trade with a temporary outfit, it will be near Christmas time before the fixtures are ready to install. The finish will be silver gray. Mr. Graf, the head of the two stores, says that the new Hartman place will be the handsomest in Ohio.

An attractive new front is being put in by the Munk Floral Company, in the Hunting Bank building, which will give much better effect in display. Above the show windows, extending across the full frontage will be an electric sign.
J.

The American Florist

CHRISTMAS

NUMBER



TO BE ISSUED

DECEMBER 11

JUST RIGHT FOR THE

CHRISTMAS AND HOLIDAY TRADE

—The Best Paid—


CIRCULATION

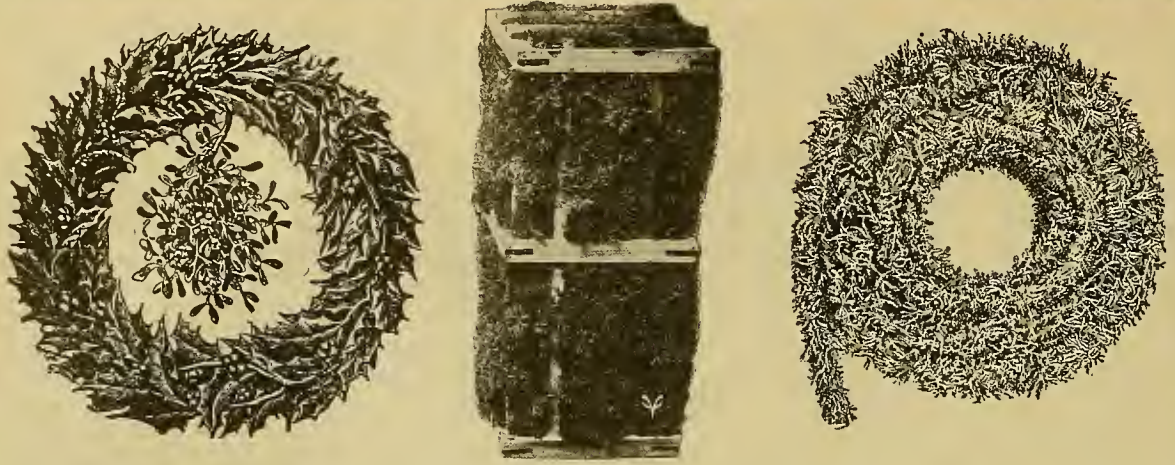
—To the Trade in the Trade—

Business is rapidly taking on the usual peace volume and is well up to the average in all sections of the country, notwithstanding war conditions. Stocks of plants and supplies in the hands of retailers are said to be unusually low and with the demand almost normal this seems an unusually good time to interest the buyers

Rates as usual, \$1.00 per inch, single column width; \$30.00 per page of thirty inches. Usual discounts on time contracts.

American Florist Co.,
440 S. Dearborn St., CHICAGO.

 Please mail advertisements early.



Vaughan's Bouquet Green XXX XMAS HOLLY Green Wreathing

Boxwood, Laurel, Mistletoe, Magnolia Leaves, Japanese Roping,
Cycas Leaves, Winter Berries, Immortelles, Ruscus.

**VAUGHAN'S SEED STORE, CHICAGO
NEW YORK**

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana			
	In. high	Each	
7-in. cedar tub, 4 plants in tub.	36	\$ 2.50	
7-in. cedar tub, 4 plants in tub.	36 to 40.....	3.00	
9-in. cedar tub, 4 plants in tub.	40 to 42.....	4.00	
9-in. cedar tub, 4 plants in tub.	42 to 48.....	5.00	
12-in. cedar tub, 4 plants in tub.	5 to 5½ ft., heavy.....	10.00	
12-in. cedar tub, 4 plants in tub.	5½ to 6 ft., heavy.....	12.50	
12-in. cedar tub, 4 plants in tub.	6 to 7 ft., heavy.....	15.00	
12-in. cedar tub, 5 plants in tub.	7 to 8 ft., heavy.....	18.00	

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens			Each
6-in. pot, 3 plants in a pot,	22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot,	24 to 28 in. high.....		1.00

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2½-in. pot.....	4	8 to 10.....	\$1.50
3-in. pot.....	5	.....	2.00
4-in. pot.....	5 to 6.....	.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	.....	.50 6.00
6-in. pot.....	6 to 7.....	.....	1.00 12.00
6-in. pot.....	6 to 7.....	.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50 30.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy..	6.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00
9-in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00

JOSEPH HEACOCK CO., Railway Station, Jenkintown, Wyncote, Pa.

Tri-City Florists' Club.

The November meeting of the Tri-City Florists' Club was held at the conservatories at Vander Veer park. The chrysanthemum show being at its height, was open for inspection to members of the club, and compared favorably with the show of former years. While not many new ones were shown, the older varieties were well represented; also pompons in great variety. A novelty of merit at the conservatory was a chance seedling of *Primula obconica* of a fine pink shade with double flowers, some half dozen or more of the plants propagated from the original seedling being on display. They showed up well and ought to make a good addition to this popular flower.

The meeting was called to order by President Harry Bills. In addition to the regular order of business the ques-

tion of holding a Tri-City flower show the coming year was brought up, and the following committee appointed to consider the advisability of holding the same and report at next meeting: Moline—John Staack, Arvid Anderson, C. Sorenson, Rock Island—H. Gaethje, L. Stapp, Ed. Patten. Davenport—Wm. Goos, H. Pauli, C. J. Reardon.

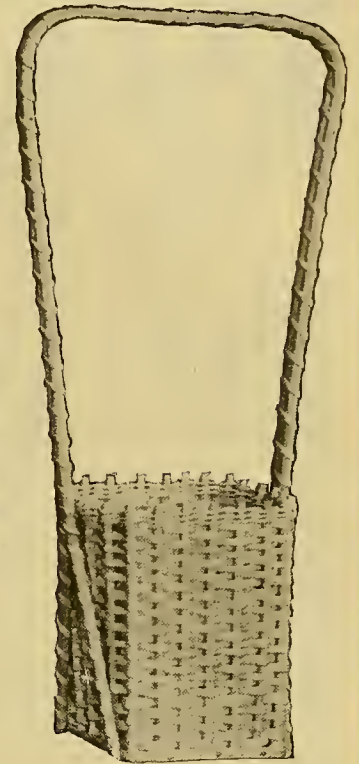
Messrs. Anderson and Reardon each gave a talk on the Chicago flower show that proved both interesting and instructive. Chas. Schwake, of New York, a visitor, also gave a short and interesting address, comparing the Cleveland and the Chicago shows. John Williamson, of Boston, also a visitor, favored the club with a talk on clematis. C. O. E. Boehm, superintendent of parks, then announced supper, and the club were unanimous in the belief that it was one of the best meetings yet held by the club. After expressing a vote of thanks to Mr.

and Mrs. Boehm, the club adjourned to meet Thursday, December 8, with Ed. Patten and J. Haussen in Rock Island, Ill., at the Patten residence. Wm. Goos, Sec'y.

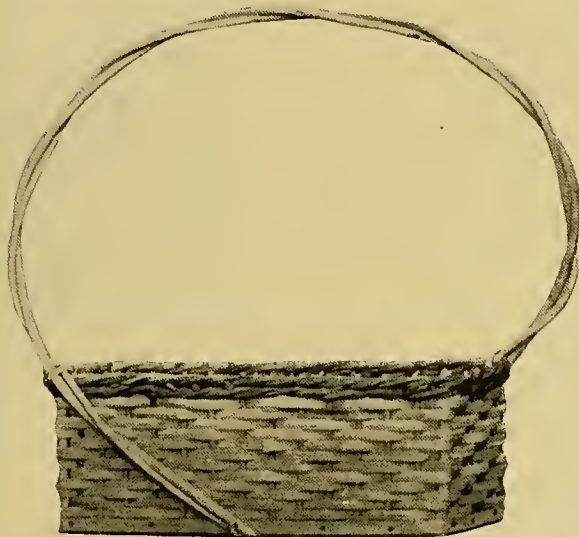
INDIANAPOLIS, IND. — The Indiana State Horticultural Society at its annual meeting in this city, November 12, elected the following officers: Wm. M. Walton, Jr., LaPorte, president; C. G. Woodbury, Lafayette, vice-president; M. W. Richards, Lafayette, secretary-treasurer.

DAYTON, O.—The annual fall opening and chrysanthemum show at the greenhouses of the Miami Floral Co., November 7, was a magnificent display and brought forth many compliments. More than 4,000 visitors attended during the day. Manager Rodgers was congratulated on all sides for the splendid exhibition.

Three Special Raedlein Basket Offers



YOU will find it to your advantage to buy your baskets from us now while these offers are good, for they are made up especially for the busy florist and include those most suitable for the holiday season. These assortments consist of baskets that can be used for all the Cut Flowers and Plants in season from Violets to American Beauties, Cyclamens and Begonias to Azaleas, Crotons and all other blooming and decorative plants. Look over these three special offers carefully and send us your orders as quickly as possible after you have made your selection. Do not wait until the last moment for there will be plenty of other work to occupy your attention then.



Offer 1==The Autumn Special

25 Cut Flower Baskets, assorted styles, with liners.

\$7.50

Offer 2==The Holiday Special

(Liners extra—at cost.)

50 Plant and Cut Flower Baskets.

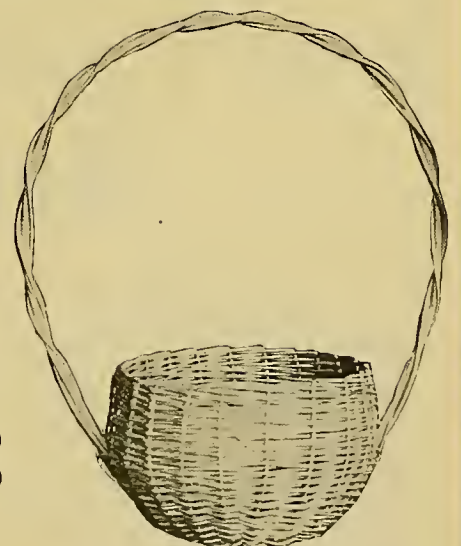
\$25.00

Offer 3==The Christmas Special

Liners included.

- 1 Dozen Cut Flower Baskets - - - \$7 50
- 1 Dozen Cut Flower Baskets - - - 5.40

The above are decorated with relief and hand painted. The assortments are the same, the difference being in size only.



ORDER NOW

RAEDLEIN BASKET CO.

713 Milwaukee Avenue, CHICAGO, ILL.

POEHLMAN

72-74 E. Randolph St.,

'Mums-Roses-Carnations-Cattleyas

GARDENIAS--VALLEY--HARRISII

WINTER BERRIES-BOXWOOD-WILD SMILAX-MISTLETOE

PRICE LIST.

ORCHIDS Per c
Market Price

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$6.00
36 in.....	5.00
30 in.....	4.00
24 in.....	3.00
20 in.....	2.50
18 in.....	2.00
Short.....	\$0.75 to 1.50

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$25.00
Long.....	\$18.00 to 20.00
Medium.....	12.00 to 15.00
Short.....	6.00 to 10.00

Hoosier Beauty HADLEY OPHELIA SUNBURST MILADY	Special..	Per 100	\$12.00
	Long....		10 00
	Med. ...		\$6.00 to 8.00
	Short...		4.00

RICHMOND	} Per 100
BULGARIA	
AARON WARD	
KILLARNEY	
WHITE KILLARNEY	
KILLARNEY QUEEN	Long..... 10.00
"	Medium..\$6.00 to 8.00
BRILLIANT	Short.... 3.00 to 4.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, \$3.00 to 6.00

MISCELLANEOUS

	Per 100
Pompons.....	per bunch 50c.
Snapdragon.....	\$4.00 to \$6.00
Sweet Peas, Spencer	1.50 to 2.00
Violets, double or single.....	.75 to 1.00
Stevia	2.00
Paper White.....	3.00 to 4.00
Smilax,.....	doz. \$2.00
Plumosus and Sprenger.....	2 00 to 3.00
Adiantum.....	1.00
Galax, green and brown.....	1000, \$1.50
Leucothoe .....	.20
Mexican Ivy.....	per 1000, \$6.00
Ferns, new crop.....	per 1000, 2.50

Boxwood	per bunch, 35c; box, \$7.50
Red Winter Berries.....	per box, \$1.50 to \$2.50
Mistletoe, per lb., 35c; 10 lbs., \$3.00; 20 lbs., 5.00	
Laurel Wreatbing, per yard.....	.06
Japanese Lanterns, bunch.....	.25

Cattleyas.....	Per 100, \$1.00 to 1.25
Phalaenopsis, per 100, \$10.00 to 12.00	
Gardenias.....	per doz. 3.00 to 4.00
Cypripediums.....	per doz. 3.00 to 4.00

CHRYSANTHEMUMS

	White-Yellow	Per 100
Large.....		\$2.50 to \$3.00
Medium.....		2.00 to 2.50
Small.....		1.00 to 1.50

EASTER LILIES

Per 100.....	\$1.00 to \$1.50
--------------	------------------

LILY OF THE VALLEY

Fancy, per 100.....	\$3.00 to \$4.00
2nd	\$3.00 to \$4.00

CARNATIONS

Best Fancy, per 100.....	\$1.00 to \$1.50
Medium, per 100.....	1.00 to 1.50
Short and split, per 100.....	1.00 to 1.50

WILD SMILAX

Per case.....	\$1.00 to \$1.50
---------------	------------------



No. 218-1-2 Plant Basket.
Open Willow, Liner Included.
1-3x3, each.....\$0.25
2-4x4, each......35

Red Ruscus

EE Quality, Per lb., 75c

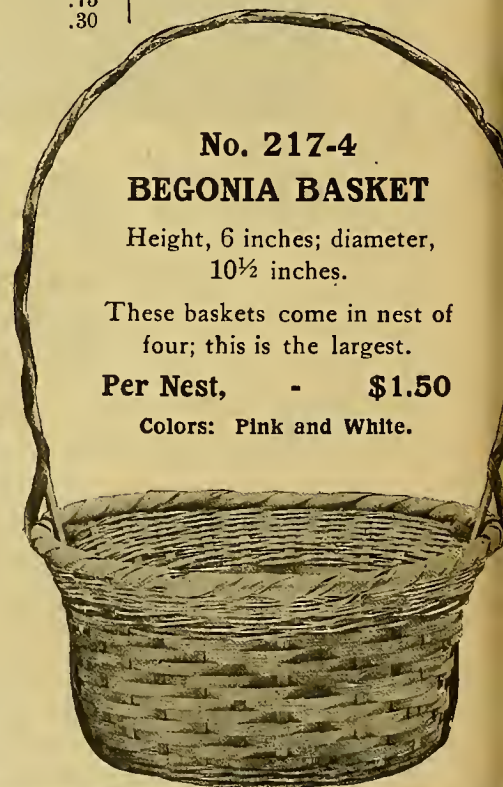
Beautiful and lustrous wreaths made of our Ruscus now, will keep in good condition indefinitely.

6-in. Water-Proof Chiffon, per yard, \$0.04
Red Frieze, 60 yd. bolts, 60c per bolt

50 ASSORTED TUMBLER BASKETS

(two-toned), with Liners, \$10.00

Send for our Xmas Circular; ready for mailing now



No. 217-4 BEGONIA BASKET

Height, 6 inches; diameter, 10½ inches.

These baskets come in nest of four; this is the largest.

Per Nest, - \$1.50

Colors: Pink and White.

N BROS. CO.

g Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants
3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana			
Single Plants			
4 inch pots,	5 to 6 leaves,	18 in. high	Each \$0.40
\$4.50 per dozen.			
6 inch pots,	6 to 7 leaves,	24 in. high	1.00
6 inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
7 inch pots,	6 to 7 leaves,	36 in. high	3.00
8 inch tubs,	6 to 7 leaves,	38 in. high	3.50
8 inch tubs,	6 to 7 leaves,	48 in. high	5.00
8 inch tubs,	6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.			

Kentia Forsteriana			
Made-up Plants			
7 inch pots,	3 plants in a pot,	28 to 30 in. high	Each \$2.00
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40 in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8 inch tubs,	4 plants in a tub,	50 in. high	5.00
8 inch tubs,	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00
Strong specimens in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Kentia Forsteriana			
Single Plants			
6 inch pots,	5 to 6 leaves,	28 to 30 in. high	Each 1.00
6 inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6 inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
8 inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
8 inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10 inch tubs,	6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10 inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii		Each
3-inch.....	\$3.00 per doz.	
5 inch pots.....	\$1.00	
7 inch pots, 26 in. high, 34 to 36 in. spread.....	2.50	
8 inch tubs, grand specimens.....	3.50	
10 inch tubs, grand specimens.....	\$5.00 to 7 00	

Areca Lutescens		Each
8 inch tubs, 5 plants in a tub.....		3.00

Aspidistra Lurida		Each
Green, 5 inch pots, 10 to 12 leaves.....		1.00
Variegated, 5 inch pots, 10 to 12 leaves.....		1.50

Dracaena Amabilis		Each
6-inch pots.....	\$1.00, \$1.25 each	

Dracaena Terminalis Rosea		Each
4-inch pots.....	40c each; \$4.50 per doz.	
5-inch pots.....	75c each; 7.50 per doz.	

Dracaena Godseffiana		Each
Per doz.....	\$1.00	

Dracaena Baptistii		Each
6-inch.....	each, \$1.25	

Dieffenbachia Magnifica		Each
Each.....	50c, 75c, \$1.00	

Blooming and Decorative Plants

You undoubtedly will have need for the stock listed below for present use and for the holidays. Our Crotons, Begonias and Cyclamens are unusually fine this year and we advise placing your order with us. ORDER NOW.

CROTONS.		
Very Fine Colored Stock		
Each 100		
1 pot.....	\$.50	\$45.00
1 pot, strong.....	.75	70.00
1 pot.....	\$1.00 to 1.50	

ARAUCARIA EXCELSA		
Each		
4 tiers.....		1.00
4 to 5 tiers.....		1.25
5 tiers.....		\$1.50 to \$2.00

ARAUCARIA ROBUSTA COMPACTA		
Each		
2 to 3 tiers.....		\$1.00
3 tiers.....		1.50
3 to 4 tiers.....		2.00
5 to 6 tiers.....		\$4.00 to 5.00

PANDANUS VEITCHII.		
Highly Colored Stock		
Each 100		
1 pot.....	\$0.35	\$30.00
1 pot.....	.50	45.00
1 pot.....	.75	

ASPARAGUS PLUMOSUS		
2½-inch pot.....	\$3.00 per 100; \$28.00 per 1000	
3-inch pot.....	6.00 per 100; \$55.00 per 1000	

FERNS.			
Boston, Roosevelt and Whitman			
Each 100		Each	
6-inch pot.....	\$0.50	\$45.00	10 inch pot.. \$2.50
7-inch pot.....	.75		12-inch pot.. 3.00 to 3.50
8-inch pot.....	1.00		

BEGONIA LORRAINE		
Largest and best stock we ever had.		
4-inch—In bloom.....		30c each
5-inch—In bloom.....		50c to 75c each
6-inch—In bloom.....		\$1.00 each
7-inch—In bloom.....		\$1.50 to \$2.00 each

BEGONIA CINCINNATI		
Extra fine stock for immediate and future delivery.		
4 inch.....		25c each
5 inch.....		75c each
5 inch, strong.....		\$1.00 to \$1.25 each
7-inch.....		1.50 to 2.00 each



CYCLAMEN

Our Cyclamen are now coming in bloom and we offer a fine stock.

5-inch.....	50c each
6 inch.....	75c each
7-inch.....	\$1.00, \$1.50 each

For November and December delivery we have over 25,000 of the best Cyclamen seen anywhere in sizes from 5-inch to 7-inch at reasonable prices.

FANCY CARNATIONS

Very heavy crop being cut that are extra fancy.

Don't forget that we grow all the stock we sell.

PRICE LIST.

American Beauties		Per doz.
Specials, extra long stems.....		\$5.00
36 in. stems.....		4.00
30 in. stems.....		3.00
24 in. stems.....		2.00
Shorter lengths.....	\$ 1.00 to	1.50

Russell

According to length of stems from 75c to \$2.00 per dozen.

RED ROSES—Reid, Richmond, etc.

	Per 100
Extra long.....	\$10.00
Good length.....	7.00
Good medium.....	\$6.00 to 7.00
Good short.....	4.00

White and Pink Killarney, Brilliant, Hillingdon, Sunburst, Shawyer and Ophelia.

	Per 100
Extra long stems.....	\$ 8.00
Medium length stems.....	6.00
Very good short.....	\$3.00 to 4.00
Extra special Ophelia.....	10.00

ASSORTED ROSES.

Cecile Brunner..... per bunch, 50c

Our selection in lots of 300 or more at the rate of \$30.00 per 1000.

CARNATIONS.

Pink, White, Red, extra fancy..... Per 100 \$3.00 to \$4.00

MISCELLANEOUS.

Choice EASTER LILIES..... Per 100 \$1.50 per doz.
 LILY OF THE VALLEY..... 4.00
 ASPARAGUS SPRAYS and SPRENGERI..... 3.00
 FERNS, 1000, \$2.00
 GALAX, bronze and green..... per 1000, \$1.25 to \$1.50

All Other Seasonable Flowers at Lowest Market Prices.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell. Order early as our supply is limited to the amount of stock we can cut each day.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

EARLY THANKSGIVING DEMAND IS GOOD.

The demand for stock for Thanksgiving is good and from present indications it appears as if stock in all lines will clean up completely before the rush is over. The shipping trade is especially good and many of the local retail dealers have placed their orders already and while the heaviest city demand has not yet set in, prices are holding firm and a grand clean-up is expected. The weather at this writing is ideal, but the cold snap last week had much to do with the shortening up of stock and roses especially are in short supply. Violets are bringing as high as \$1.00 per 100 for choice stock and orchids have sold for \$9.00 and \$12.00 per dozen, with very little stock available at these figures. American Beauty roses are none too plentiful and fancy stock easily brings \$5.00 per dozen. Mrs. Chas. Russell roses did not sell any too well last week, but are in better demand now and are bringing higher prices. Sweet peas are selling nicely and the supply of lily of the valley is none too plentiful. Carnations are in good demand and the same holds good for chrysanthemums and pompons, which are plentiful at this writing, but will no doubt be pretty well cleaned up by Thursday noon. Stevia, Paper White narcissi, snapdragons, calendulas, mignonette, gardenias and gladioli are among the offerings, but are none too plentiful. Green goods of all kinds are plentiful and some especially fine boxwood, wild smilax and winter berries are to be had. It appears as if stock in other sections of the country is none too plentiful either, for several local wholesalers have been called upon to fill orders from other markets and if the weather continues to be good there is no question but what stock will clean up

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

at an early hour, and one thing that is particularly noticeable this year is the absence of pickled stock, but at that some of the chrysanthemums have been held too long and should have been discarded instead of being shipped into the market.

NOTES.

Albert F. Amling Co. has placed the contract for its new range at Maywood, consisting of nine houses, 44x550 feet, with the American Greenhouse Manufacturing Company, with headquarters in the Masonic Temple. The new plant will cover about 220,000 square feet of ground space, which means 270,000 square feet of additional glass surface added to the total which supplies the local market. The houses will be of steel frame construction and the contract calls for completion next May. The land is graded and the work of actual building started November 22. The American Greenhouse Manufacturing Company has the entire contract, including the erecting labor, and it is understood that the cost of the

CHRYSANTHEMUMS

White—Pink—Yellow

Pompons—Roses—Carnations
Pink snapdragons, Calendulas, Red Winter Berries, Greens, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

finished range, with the service building, will run close to \$135,000. The proprietors of the American Greenhouse Manufacturing Co. are Philip L. McKee, B. F. Dupre and James E. Jones, and the deal was closed by Mr. McKee, who feels that it is a splendid start for a firm that has been in business for only a few weeks. The new range will be one of the finest in the country and the heating will be vacuum steam, with some new inventions of Mr. McKee's. Every greenhouse manufacturer in the city was asked for bids, which were inspected by Albert F. Amling, Otto Amling and Wm. Collatz, officers of the company.

PETER REINBERG

30 East Randolph St.,

Long Distance Phone
Central 2846

CHICAGO

GOOD SUPPLY BEAUTIES, ROSES, CARNATIONS

of the same high quality that won 18 prizes out of 22 entries at the big Chicago Show, November 9-14, 1915.
If you want prize-winning stock at the same price that you pay for other flowers, order from us.

Buy Direct From The Grower.

CURRENT PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
15 to 20-inch stems.....	\$1.00 to 1.50
Short.....	\$6.00 to \$8.00 per 100

Richmond.....	} Extra select.....	Per 100	
Killarney.....			\$10.00
White Killarney.....			8.00
Killarney Brilliant.....			5.00 to 6.00
My Maryland.....			6.00
Sunburst.....			4.00
Milady.....	Short.....	4.00	
Ophelia.....			

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Medium.....	.75 to 1.00
Short.....	.50

ROSES, our selection..... \$3.00

Carnations.....	Per 100	\$2.00 to \$4.00
Chrysanthemums..... doz.,	\$2.00 to \$3 00	
Pompons.....	35c to 50c per bunch	
Harrlsii.....	10.00 to 12.50	
Valley.....	4.00	
Adiantum.....	1.00	
Asparagus, per bunch.....	.50c to 75c	
Ferns, per 1000.....	\$2.50	
Leucothoe, per 100.....	\$1.00	

2,000,000 Feet of Modern Glass.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Current Price List

ROSES

Mrs. Chas. Russell—	Per 100
Good	\$ 6.00 \$ 8.00 \$10.00
Extra Fancy.....	12.00 15.00 20.00
Ophella.....	6.00 8.00 10.00
Sunburst.....	6.00 8.00 10.00
Killarney, White Killarney, Killarney Brilliant and Richmond—	
Long.....	\$6.00 to \$8 00 per 100
Medium.....	5.00 per 100
Short.....	4.00 per 100
Specials billed accordingly.	

CARNATIONS, good...\$3.00 to \$4.00

CHRYSANTHEMUMS

Select.....	\$3.00 to \$4.00 per doz.
Medium.....	2.00 to 2.50 per doz.
Short.....	1.00 to 1.50 per doz.
Pompons, per b'ch, 25c, 35c, 50c ea.	
Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley, \$4.00-\$5.00 per 100	
Violets, double...50c to 1.00 per 100	
Ferns.....	2.50 per 1000
Asparagus.....bunch, 35c to 50c each	
Sprengeri .....bunch, 25c to 35c each	

Order here and get satisfaction

Bassett & Washburn had a large order for orchids November 22, but was unable to fill it owing to the extreme scarcity of this stock. Mr. Washburn reports business as brisk this week, with an unusually large number of shipping orders for Thanksgiving.

N. J. Wietor says that Wietor Bros. will be able to cut pompons almost up to Christmas, but that this week will mark the end of their chrysanthemums. The out-of-town demand for stock for Thanksgiving is brisk and considerably better than last year-

Felix Reichling says that the out-of-town demand for stock at Peter Reinberg's store for Thanksgiving was never better and that the sales so far this week compare most favorably with those of the corresponding week last year.

Fred Wolfram, proprietor of the Warrington Flower Shop, supplied a large department store at Oshkosh, Wis., with Mrs. Chas. Russell roses for its opening, November 20.

Joseph Michal, 6414 South Halsted street, has a splendid establishment and

reports business as good. He is presenting each of his customers with a handsome 1916 calendar.

Robert Northam, manager at George Reinberg's store, predicted a shortage of roses for Thanksgiving some time ago, but did not expect to find the supply as short as it really is.

W. J. O'Carroll, florist at the Chicago University, and Miss Noonan were married Tuesday, November 16.

Ernest Farley is helping out at O. A. Tonner's wholesale store this week.

'Mums-Pompons

BEAUTIES--ROSES--CARNATIONS

Place your order with us. We swept the deck in practically all the entries made in Carnations at the Chicago Show last week and can supply you with the best stock obtainable at all times at the prices listed below. Order today.

Current Price List--Subject to change without notice.

BEAUTIES.

	Per doz.
Extra select.....	\$5.00
36-inch stem.....	4.00
30-inch stem.....	3.50
24-inch stem.....	2.50
20-inch stem.....	2.00
15-inch stem.....	1.50

ROSES.

Killarney.....	}	Per 100
White Killarney...		
Sunburst.....		
Richmond.....		
Killarney Brilliant		
Ophelia.....		
		Per 100
Select.....	\$8.00	
Fancy.....	6.00	
Medium.....	4.00	
Short.....	3.00	

ROSES, our selection, \$4.00 per 100.

CARNATIONS.

	Per 100
Select.....	\$3.50
Fancy.....	3.00
Medium.....	2.50
Short.....	2.00

CHRYSANTHEMUMS (all colors).

Fancy.....per doz.,	\$3.00
Good..... " "	\$1.50 to 2.00
Small.....per 100,	8.00 to 10.00
Pompons.....per bunch,	35c to 50c

MISCELLANEOUS.

	Per 100
Valley.....	\$ 5.00
Lilies.....	12.50
Ferns.....per 1000,	\$2.50
Asparagus Sprengerl.....	per bunch, 50c
Asparagus Plumosus.....	per bunch, 50c
All Other Green Goods at Market Rates.	

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO

Dr. Arthur J. O'Keefe and two of his friends called on Charles Erne at Erne & Klingel's store one day last week to pay their respects and succeeded in jollyng him to such an extent that they got his number. A few days afterward he received a package through the mails which proved to be a small Angora packed in a crate and labeled, "Charlie's goat." The little nannie is on display at the store where all of his friends can see it and everyone is surprised to learn that such a good natured fellow as he is ever had such an animal in his possession.

Poehlmann Bros. Co. has just received a large importation of kentias from Belgium which came through in very nice shape and meet with the approval of H. M. Oeser, superintendent of the palm department. This firm has a nice stock of begonias and cyclamens for the holidays and reports a good clean-up of chrysanthemum pot plants.

O. Johnson says that the Batavia Greenhouse Co. has had a good demand for American Beauty roses all fall and that prices have been very satisfactory. His sales during October were unusually good, but this month's are running about the same as last year.

A. E. Hunt & Co. are cutting some very fancy Chicago White and Etoile d'Or daisies, for which the demand is heavy. They have a nice stock of these plants in both varieties for wholesale purposes and are now filling orders for same.

Percy Jones had his usual large supply of chrysanthemums to supply his customers with for Thanksgiving. Boxwood is in good demand at this house and so are green goods, which are always leaders at this store.

John Paulus, 4501 North Clark street, is enjoying a good season and his new conservatory is coming in handy.

Arthur Paulus is in charge at the store and is busy making preparations for the holiday season.

A. T. Pyfer & Co. are well pleased with the number of out-of-town orders that they received for Thanksgiving stock and expect to clean up completely in all lines before the rush is over.

A. L. Vaughan & Co. report a busy week, with a brisk local and shipping demand. This firm is showing a nice line of stock, with fancy American Beauty roses the principal offering.

R. Mohr, manager for A. Lange, has returned from St. Louis, where he attended the annual meeting and banquet of the Missouri Botanical Garden alumni.

Joe Erringer, of the Zech & Mann force, has the sympathy of the trade in the loss of his mother whose death occurred Monday evening, November 22.

Mrs. N. P. Miller, who underwent an operation at the Wesley hospital November 17, is improving and will be able to be about soon.

Heaton Nichols, of the Joliet Nurseries, will open a new store in the Adam Arcade at Joliet, on Ottawa street, next week.

Zech & Mann report the early Thanksgiving demand as good and much better than last year.

Weiss Bros. have opened a new store at 541 East Forty-seventh street.

Visitors: W. P. Craig, Philadelphia, Pa.; Frank Davis and wife, Davenport, Ia.; Frank Sylvester, with J. M. Fox & Son, Milwaukee, Wis.; Milton Alexander, with Lion & Co., New York; Julius Dilloff, with Schloss Bros., New York; Martin Reukauff, with H. Bayersdorfer & Co., Philadelphia, Pa.; J. J. Soper, Rockford; K. Kakuda, representing the Yokohama Nursery Co., en route to San Francisco, Calif.; W.

U S Budlong's

E Blue Ribbon Valley.

De Ruyter, of De Ruyter & Son, Noordwyk, Holland; M. D. Bullock and Otis L. Bullock, Elkhart, Ind.

Chicago Bowling.

The team representing the trade in the North Chicago League and called the Florists rolled the following scores last week:

Players—	1st Game	2nd Game	3rd Game
J. Huebner	189	159	135
Lorman	172	202	175
Zech	213	176	178
Price	201	166	160
Olsem	214	184	174
Totals	989	885	822

VINCENNES, IND.—Paul C. Schulze is erecting a greenhouse on Main street.

RALEIGH, N. C.—J. L. O'Quinn, whose flower shop was destroyed by fire, November 6, is now in his new location, 119 West Martin street.

CUDAHY, WIS.—Patrick Cudahy, of the Cudahy Floral Co., has announced that his son will take a larger share of the work connected with his packing interests, giving him more time for the development of the greenhouse business recently established here.

Beauties--Roses Carnations

Order here. We have what you need in Seasonable Cut Flowers and Greens.

Current Price List.

American Beauties Per Doz.	
Extra Special	\$5.00
36 to 40-inch.....	4.00
24 to 30-inch.....	3.00
18 to 20-inch.....	2.50
12 to 15-inch.....	\$1.50 to 2.00
Roses Per 100	
Richmond	\$4.00 to \$10.00
Killarney, white, pink.	4.00 to 10.00
Killarney Brilliant....	4.00 to 10.00
Ophelia	4.00 to 10.00
Milady	4.00 to 10.00
My Maryland	4.00 to 10.00

Per 100	
Sunburst	4.00 to 10.00
Ward	4.00 to 10.00
Mrs. Chas. Russell....	5.00 to 20.00
Roses, our selection...	4.00
Carnations	
Carnations, common....	\$2.00 to \$3.00
" fancy	4.00
Miscellaneous	
Orchids	per doz. \$ 9.00
Mums	per doz. 1.50 to 4.00
Pompons	bunch .35 to .50
Easter lilies..	per 100 10.00 to 12.50
Sweet Peas	\$.75 to \$ 1.50
Paper Whites	3.00

Per 100	
Stevia	1.50
Valley	4.00 to 5.00
Violets	1.00
Adiantum .....	.75 to 1.50
Asparagus strings..each	.50 to .60
Asparagus bchs...each	.25 to .50
Smilax	per doz. 2.00
Sprengeri bchs....each	.25 to .50
Galax, green..per 1,000	1.25
Ferns	per 1,000 2.50
Boxwood...50 lb. cases	7.50
Boxwood...per bunch	.25
Wild Smilax..large cases	5.00

Subject to change without notice.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES:

Central 2571
2572
Auto. 48-734

CHICAGO

Toledo.

GOOD THANKSGIVING TRADE ANTICIPATED.

Thanksgiving week opened up bright and cold and all indications point to a good business. Stocks of all kinds are fairly plentiful, and in some cases notably that of roses and carnations, there is an oversupply, and the latter are being disposed of at special sale prices by many retailers. Roses with long stems have also been selling at reasonable prices, but prices will doubtless advance with the holiday demand. Carnations are now passe; the height of their popularity has waned and the quality is not what it should be. Funeral work has helped to move much of the stock on the wholesalers' tables. Pot plants are in fairly good supply and cyclamens are enjoying a lively sale.

CLUB MEETING.

The meeting of the florists' club following the flower show was marked by a celebration over the success of the club's initial effort and the show committee presented its final report. The show has demonstrated that the club can make a success of anything it undertakes, where there is co-operation. Increased business for all will be the inevitable result, and the educational value of these shows cannot be overestimated.

NOTES.

Florists of this city evinced a great interest in the Cleveland flower show, which they are unanimous in praising as a wonderful affair in every respect. Among those who visited the neighboring sixth city were, Harry Heint and wife, Frank M. Schramm and wife, Mrs. J. B. Freeman, Earle Metz, E. J. Bayer, Thomas Magee, Wm. and Otto Krueger, E. A. Kuhnke, Max Spanner and Mrs. E. Suder.

RUSSELL ROSES

\$5.00 to \$20.00 per 100.

Try a sample shipment of 100 or more today. You will not be disappointed for they are of unusually fine color and the stems and foliage are all that can be desired

Milady	Per 100 \$4.00 to \$15.00	Killarney.....	Per 100 \$4.00 to \$10.00
Killarney Brilliant....	4.00 to 10.00	White Killarney.....	4.00 to 10.00
Ophelia	4.00 to 10.00	Cecile Brunner	bunch, 50c each
MUMS, \$1.50 to \$3.00 per doz.		POMPONS, 35c to 50c per bunch.	

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Max Spanner got some desirable publicity one day last week when an actress playing in one of the theatres purchased an ankle bouquet of him which created a lot of attention on the crowded streets. The newspapers ran a cut of the young lady and gave Spanner honorable mention.

Late to bed and early to rise is the perverted slogan of Schramm Bros. these days. The reason: two new houses just finished that must be planted and made productive. Business with this firm has been making substantial gains right along.

Feniger, Adams Street florist, has purchased a new Overland delivery car. His splendid windows are displaying some handsome specimens of Mrs. Russell and Ophelia roses.

A. C. K.

U S Budlong's
E Blue Ribbon Valley,

DALLAS, TEX.—The Woman's Forum, assisted by local florists, staged a flower show November 11-13 in the Chamber of Commerce that was a splendid success. Among the exhibitors were Lang Floral & Nursery Co., W. P. Hiebert, Henry Holtcamp, Rische-Chollar Floral Co., Texas Seed & Floral Co., Dallas Floral Co. and Fred Timm.

Anything and Everything the Market Affords in

CUT FLOWERS AND GREENS

You can increase your profits and business by sending your orders to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

Prices
As
Low
As
Others.

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Louisville, Ky.

CHEYSANTHEMUMS IN SHORT SUPPLY.

The warm fall weather has caused a shortening of the chrysanthemum supply, with the result that choice blooms for Thanksgiving will be scarce. The annual football game between the high and the manual training schools was a banner event for the local florists, as the school colors on one side were purple and gold, while the other school used red and white, with the result that red and white flowers were in great demand, and large quantities of chrysanthemums in both yellow and white were disposed of. The two schools have combined for the Thanksgiving day game, at which time they will play a Chicago team, but the coalition of colors, blue and gray having been selected, will spoil the sale of chrysanthemums and the florists are in a quandary as to how to meet the combination, as few violets are grown here, and at that one color only would be supplied.

NOTES.

At the Barton-Morton wedding, a society event, which took place November 19, the bridal flowers and decorations, furnished by F. Walker & Co., were a feature. The decoration at the church was beautiful, the altar and steps being ornamented with pot ferns and palms and on the altar table were vases filled with white chrysanthemums. Down the aisle, marking the pews for the reception guests and two families, were 14 newel posts, white, topped with same white flower and tied with white tulle. At the Woman's Club, where a reception followed the ceremony, decorations of yellow and green were used. The walls were garlanded with Southern smilax and between the windows were rustic pockets filled with yellow chrysanthemums. In the windows were boxes filled with cut flowers. The bridal table was round and suspended from above was a hoop of smilax. From this fell a shower of white ribbons of different widths and lengths and tied to each end was a small bunch of lilies of the valley and Mrs. Aaron Ward roses. This arrangement was reflected in a round mirror in the middle of the table. This mirror was banked with maidenhair fern, and looking into this lake were a number of dainty bluebirds.

Last year the price of Paper White narcissus during a good part of the winter was \$1 per 100, wholesale, for good stock and could not even be sold at that price. In consequence this year the growers are producing very small quantities. A. Rasmussen grew 60,000 last year. This year he will only have 10,000 and other growers have cut down in proportion, so it is

assumed that prices will at least be about normal.

November 23 was "Flower Day" at the show given by the Ohio Falls Fanciers' Association. As the armory, the scene of the exhibition, is one of the largest in the United States, there was plenty of room and the local florists staged an excellent display.

Carl Puckett, an employe of the F. Walker & Co.'s greenhouses, has been taken to Bowling Green for treatment, having been bitten by a dog, which examination showed was suffering with rabies.

F. H. Hustedt, R. R. No. 2, Jeffersonville, Ind., has embarked in the florist business. He has built two houses, each 28 by 130 feet, which will be planted to carnations and chrysanthemums.

A. Rasmussen is cutting as fine a grade of roses and carnations as have been seen in this market. W.

Rochester, N. Y.

TRADE IS QUIET.

Business during the past week has been quiet, with very little general work. There are few weddings and they are as a rule small affairs. Counter trade is slack. Chrysanthemums are in light supply, being held back for the Thanksgiving trade. Bonnafon is the great favorite in the yellows. Pompons are arriving in large numbers, but the call for them is rather light. Carnations are very good and the price on them holds firm. Enchantress, Winsor and Beacon are the favorites. In roses, the Killarneys, Mrs. Ward, Francis Scott Key and Taft are all good. Lily of the valley is excellent in quality and orchids are also very fine. Prospects of a big Thanksgiving day business are entertained.

NOTES.

H. E. Wilson has very attractive display windows. Large vases of chrysanthemums, arranged with pretty baskets of flowers of all colors in variety, are seen at this establishment.

John B. Keller & Sons had excellent decorations for a wedding November 20, at both church and residence. Several hundred chrysanthemums, in addition to other stock, were used.

Geo. J. Keller has some good Primula obconica in bloom at present, though the plants are rather small. He is also cutting very good chrysanthemum stock.

The Rochester Floral Co. have arranged attractive baskets of pompons in white, yellow and bronze in their display window.

Harry P. Neun is still cutting chrysanthemums, which he disposes of readily in the local market.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens,
EVERGREEN, ALABAMA

M. J. Keller is taking advantage of the open season and is still planting bulbs and shrubs. CHESTER.

Detroit.

TRADE READY FOR THANKSGIVING RUSH.

A review of the local market the past week discloses a very satisfactory condition for despite the heavy influx of stock, the spirited demand reported by nearly every dealer consumes it all with the exception of some short roses of poor quality and chrysanthemums of the same class. Many important social functions kept some of the florists exceptionally busy the past week and the same dealers report advance orders for similar work the present week, and indications point to a record breaking Thanksgiving trade for all and preparations are already being made to care for it.

NOTES.

Fred Pautke, Grosse Pointe Farms, Mich., showed some of his novelties in pompon and anemone chrysanthemums at the Cleveland show. His No. 62, Delphine Dodge, an early pink pompon, and No. 13, Francis Alger, a beautiful yellow, both were awarded the Chrysanthemum Society of America's certificate of merit. Romaine Warren, an orange bronze, is a pompon of special merit. These as well as several other varieties of Mr. Pautke's production will be disseminated in 1916, all with the exception of Francis Alger being controlled by A. N. Pierson, Inc., Cromwell, Conn.

The Broadway Flower Shop, H. W. Metz, proprietor, recently moved to 72 Broadway, where the room is much larger than their former quarters and the general appointments much improved. Mrs. Taylor, sister of Mr. Metz, will soon join the force and will have charge of the books and telephone calls.

Mrs. Van Der Ecken, 542 Mt. Elliot avenue, now has a pretty store, with greenhouses in the rear, where carnations and pot plants are grown. Funeral work and cemetery planting is given special attention.

The ladies' auxiliary of the florists' club will give a ball, Thursday evening, December 2, in the Hotel Statler for the benefit of the Child Welfare Society.

Visitors: Carl Baer, Archbold, Ohio, and his nephew, Edward, of Peoria, Ill. J. F. S.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 6269.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE

CHICAGO

TELEPHONE CENTRAL 466

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists
179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**
Telephone: Randolph 2758
Greenhouses: Des Plaines, Ill.
Store: 162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

George Reinberg

Wholesale Florist
Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.
162 N. Wabash Av., CHICAGO

Wholesale Flower Markets

CURRENT PRICE LIST, doz.

Roses, Beauty, specials.....	\$5 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 15-in.....	1 50
" " 12-in.....	75@1 00
" Mrs. Chaa, Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	4 00@12 00
" Killarney.....	4 00@12 00
" White Killarney.....	4 00@12 00
" Richmond.....	4 00@12 00
" Prince de Bulgarie.....	4 00@12 00
" Rhea Reid.....	4 00@12 00
" My Maryland.....	4 00@12 00
" Mrs. Geo. Sawyer.....	4 00@12 00
" Milady.....	4 00@15 00
" Sunburst.....	4 00@12 00
" Mrs. Aaron Ward.....	4 00@12 00
" Hadley.....	4 00@15 00
" Ophelia.....	4 00@12 00
" Our selection.....	4 00@ 5 00
Carnations.....	2 00@ 5 00
Cattleyas.....per doz.,	9 00@12 00
Gardenias.....per doz.,	3 00@ 4 00
Chrysanthemums.....per doz.,	\$1.50 to \$4.00
Pompons, per bunch.....	.25c @ 50c
Gladioli.....	2 00@ 6 00
Lilium Harrilii.....	10 00@12 50
Sweet Peas.....	1 00@ 1 50
Valley.....	4 00@ 5 00
Violets, single.....	1 00@ 1 50
Violets, double.....	1 0 @ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000,	5 00@6 00
Plumose Strings.....each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprenger, Plumose Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

ZECH & MANN

Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284
Mention the American Florist when writing

U S E Budlong's
E Blue Ribbon Valley.

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.
Wholesale Cut Flowers, Florists' Supplies.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago
Mention the American Florist when writing

Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.
Send for complete list and prices.

Booking orders for delivery now or later.
\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET SHOWS IMPROVED TONE.

While there are still great quantities of flowers coming to the market, the tone is better, there having been a much better demand the past week on account of important weddings and a number of debutante teas. All the stocks show improvement; roses are gaining with each week, coming with longer stems and better flowers. Carnations are also several grades higher; some Gorgeous seen the past week were particularly fine. Violets have shortened up with a vengeance, due no doubt to the close proximity of Thanksgiving day. The flowers will keep on the plants for a week or so and smell considerably. They will no doubt be offered in quantity for Thanksgiving. Cattleyas have been virtually out of sight, the past week. One or two at a time was all that could be found in the commission houses some days the past week, price, 75 cents to \$1. Snapdragon is to be had now with fairly long stems. Good mignonette and some very choice bouvardias are offered. There are a few pussy willows; these should be left on until after the first of the year. Callas and Easter lilies are plentiful. There are still quantities of chrysanthemums with Bonnaffon and Maud Dean in the lead, but the coming week will about wind them up.

CHARLES GRAKELOW'S OPENING.

An interesting event the past week was the opening of the new store and greenhouse of Charles Grakelow, adjoining the southwest corner of Broad and Cumberland streets. The lot is about 18 by 120 feet, the space being about equally divided by store and greenhouse. The entire woodwork is finished in silver oak. There is a large show window, and ribbon and show cases occupy the wall space on the left of the entrance on the opposite side. A well designed and commodious refrigerator flower case gives ample room for this very necessary stock, while an automatic ice machine controls the temperature. In the rear of the store are the working tables where orders are put up and the design work arranged. Opening from, and directly in the rear is the greenhouse. This is kept well stocked with plants and is a most useful adjunct to the business. The opening days of Friday and Saturday found the store thronged, particularly in the evening, when a collation was served. This establishment which is now making a bid for business on a larger scale, was started 15 years ago in a small way at 1432 Cumberland street; later on 1434 was added. Hard work and the bright cheerful personality of Mr. Grakelow are the main factors in the success of this business, which has culminated in the possession of the present beautiful store. He has the best wishes of the entire craft for his continued success.

NOTES.

The reports of the wonderful success of the Cleveland and Chicago exhibitions as depicted and described in the trade press has made a great impression on the craft here, particularly those in charge of the preparatory work of the coming fourth national show. The many points made with such telling effect in the direct and indirect advertising were wonderful.

Wholesale Flower Markets

BOSTON, Nov. 24.		Per 100
Roses, Beauty.....	2 00@25 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@ 5 00	
" Double White Killarney.....	1 00@ 6 00	
" Killarney Brilliant.....	2 00@ 8 00	
" Hadley.....	2 00@10 00	
" Cardinal.....	2 00@12 00	
" Mock.....	2 00@ 8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
" Milady.....	2 00@ 8 00	
" Ward and Hillingdon.....	2 00@ 6 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	20 00@35 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	50@ 1 00	
" select.....	1 50@ 3 00	

BUFFALO, Nov. 24.		Per 100
Rosea, Beauty, special.....	35 00@40 00	
" fancy.....	20 00@25 00	
" extra.....	4 00@18 00	
" No. 1.....	8 00@12 00	
" No. 2.....	5 00@ 8 00	
" Killarney.....	3 00@ 7 00	
" White Killarney.....	3 00@ 7 00	
" My Maryland.....	3 00@ 7 00	
" Killarney Queen.....	4 00@ 7 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
" Ophelia.....	4 00@12 00	
" Mock.....	3 00@ 6 00	
" Francis Scott Key.....	4 00@10 00	
" Sawyer.....	3 00@ 8 00	
" Russell.....	8 00@12 00	
" Hadley.....	8 00@12 00	
" Boo Silene.....	2 00@ 3 00	
Lily of the Valley.....	4 00	
Lilies.....	10 00@12 00	
Cattleyas.....	40 00@50 00	
Carnations.....	1 50@ 3 00	
Chrysanthemums.....	5 00@20 00	
Snapdragons.....	1 00@ 2 00	
Violets.....	60@ 75	
Asparagus Sprengeri.....	35@ 50	
Ferns.....per 1000, 2 50		
Smilax.....	15 00	

CINCINNATI, Nov. 24.		Per 100
Roses, Beauty.....per doz. \$0 75@33 00		
" Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 6 00	
" Richmond.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Gigantum.....	6 00@10 00	
Asparagus Plumosa.....per bunch, 25c		
Orchids.....per doz., 5 00@ 6 00		
Chrysanthemums.....	6 00@20 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@ 6 00	

The publicity director and his assistants appear to have been inspired with their many successes, the crowning glory of their work, being in the Cleveland show, the obtaining of the immense sum from John D. Rockefeller, which paid for the admission of the 60,000 school children and teachers. These western hustlers have blazed the way; they show what can be done and we must wake up this community in the next few months and in some Ther-kildsonian manner, get the people show crazy. What a wonderful impetus to the business these great shows must be to the whole trade in these cities which cannot help but be greatly benefited by them.

Bonnaffon chrysanthemums of the highest grade are headliners with the Berger Bros. Violets and select lily of the valley are also features.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

Chrysanthemums in variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTELYAS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

**Philadelphia Wholesale
Florists' Exchange
ORCHIDS, GARDENIAS**

Consignments of choice flowers solicited.

**Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.**

American Beauty roses of quality and chrysanthemums are the features with the Leo Niessen Co. Cypridemiums are seen in quantity.

All the supply men of this city who attended the Cleveland show are loud in their praises of the exhibition and the business secured.

Beauties together with the best teas are leaders in Edward Reid's list of quality roses. Those Pierson chrysanthemums are still in stock.

About the only gardenias in town are the fadeless variety seen on the coats of the ladies who promenade Chestnut street.

The Philadelphia Wholesale Florists' Exchange expects a full supply of gardenias soon. Violets are a feature here.
K.

New York.

GENERAL OVERSUPPLY CROWDS MARKET.

There has been no change for the better in the condition of the wholesale market since our last notes were written. "Too many chrysanthemums," is the general verdict heard in the cut flower district. During the latter part of the past week the supply of roses diminished, but there are yet more than enough to supply the demand. Carnations, violets and sweet peas all hang heavily on the hands of the wholesalers. In fact, there will be no clearing of the situation until the supply of chrysanthemums has greatly diminished. Orchids are not plentiful and the tendency of prices has been upward, the better stock of cattleyas wholesaling at the rate of \$50 and \$75 per 100. There is no material change in lilies and lily of the valley. The weather was fine until November 19, when a driving rain storm set in. The outlook for Thanksgiving week is problematical.

November 20.—After a great storm of wind and rain, particularly wind, the weather has cleared and is much colder. There was some improvement in business to-day and it is hoped that it will continue and that Thanksgiving business will be good. The tendency in prices for American Beauties and the better grades of tea roses is upward. Good Cattleya orchids have touched the dollar mark. Gardenias continue scarce and wholesale for \$3 and \$4 per dozen, \$5 and \$6 in some instances being the asking price. Special roses are worth all they are selling for, as there is excellent stock on the market of American Beauty, Killarney Queen, Alice Stanley, Ophelia, Prima Donna, Hoosier Beauty, Mrs. Aaron Ward and Sunburst. Florence Behre is another good rose. Violets have somewhat recovered, but are not moving very freely. Chrysanthemums and carnations continue slow. Stevia is now on the market.

NOTES.

Traveling men from every section of the country frequently visit this city and they, as a rule, are good judges of the condition of business. It seems to be the consensus of opinion that the west is prosperous. William F. Gude, of Washington, D. C., who, while not strictly speaking, a commercial traveler, does travel to about all the leading events, was at the Cleveland show. He says: "I saw the greatest show ever staged in the United States—the best and most practical advertising." Washington papers, received here, speak highly of a show that has been in progress at the Gude Brothers Co.'s store during the past week. One writer says that thousands of people have visited it and that they have received commendations from the justices of the supreme court down to the humble citizen. Here's chapeau bas to our old friends and neighbors.

John J. Coan, who seven years ago, opened the wholesale store, as manager, for the Growers' Cut Flower Company, and has through these years been active and successful in increasing the business, has tendered his resignation, to take effect November 27. Mr. Coan is an all-around man in the florist business. He served an apprenticeship with the late firm of Pitcher & Manda and other good growers. Later he was in the retail business with the Bloomingdales, and manager for John King Duer, while he was in the florist business. He is yet young, able and energetic, and whatever his next venture may be, he will have the good wishes of many friends who have been his growers, customers and competitors.

An editorial writer on one of our leading daily newspapers has said:

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

"The statement has been made, probably without justification, that no man living knows the way around Brooklyn." Whether there is justification or not, we are convinced that the celebrated labyrinth of Minos, King of Crete, had nothing on Brooklyn. However, we keep on trying to get around it, and on every trip we find some good florists, who, to the best of their ability, are willing to help us out. One of these is Isaac Abrams, 123 Seventh avenue, Isaac is a constant buyer in the wholesale district of New York and his store is now very attractive, the finest quality of chrysanthemums being noteworthy. He also keeps up a good stock in all other lines and is doing a good business.

At the store of Paul Meconi, on the ground floor of the Coogen building, Sixth avenue and 26th street, we have recently noticed very fine stock of chrysanthemums in great variety. He also handles fine orchids, roses and carnations. He is one of the younger set in the business, but is thoroughly up-to-date and is ably assisted in the management of the store by Mrs. Meconi.

Though John M. Thielman, 890 Broadway, Brooklyn, is not an old man, he has been in the florist business in the Williamsburg section of Brooklyn for 42 years. In 1873 he and his mother started a store on Graham avenue. Ten years later he removed to his present location. The original Graham avenue store is now conducted by the family of his deceased brother.

Calling recently at the store of Max Schling, 22 West 59th street, we found everybody busy; in fact, if there is a ouster retail store in this city we have not found it. It may be a figure of speech, but no exaggeration to say that Max Schling is a "live wire" and he has gathered around him a large force of clever and active assistants.

Young & Nugent, 42 West 28th street, have, during the past week, arranged a large amount of fine funeral work beside having a good counter trade in bouquets and bunches. William Hanft, of this store, has recently been on the sick list. His daughter, Miss Mabel Hanft, who has been ill is now said to be improving.

Matthew A. Battista, formerly with Young & Nugent, and later in Herman Warendorff's 59th street store, has opened a retail business in connection with the fruit store of Cuneo & Co., 17 East 59th street. He is a clever and active young man and we believe he will be successful.

Lang, the retail florist of Lexington avenue and 71st street, gives his customers a very handsome combination business card and blotter. On each



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

card, (he has them for each month), there is an handsome engraving, also an appropriate sentiment to encourage the use of flowers.

Mrs. A. Schumann, who for over 40 years was a retail florist at 13 Avenue A, retired from business some time ago, but has again gone into harness, having taken the store formerly conducted by F. G. Kallenberg, 336 Bleeker street.

Riedel & Meyer, Inc., are now receiving fine stock of the chrysanthemum Timothy Eaton, from V. Zuber & Sons, Whitestone, N. Y. They are also receiving choice chrysanthemum stock from Jacob Hauck, Bloomfield, N. J.

M. M. Voit's new store, in part of the McCormick store, Fifth avenue and 9th street, Brooklyn, is very nicely fitted up. He has a large show window, an attractive ice box and other modern conveniences.

Joseph Trepel has several stores, but the one on Flatbush avenue, Brooklyn, is the store par excellence. It is fitted up in the most modern style and is a show place for that part of the city.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3864 Madison Square

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 6879 Madison Square.

Walter F. Sheridan
Wholesale Florist
 Telephone Call: 3532-3533 Mad. Sq. **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing

The next meeting of the New York Florists' Club will be held on the night of December 13. It is election night in the club and there will doubtless be a large attendance.

At the store of N. Christatos, Sixth avenue and 58th street, business is reported good. This store is well arranged for window display and is now very handsome.

The new firm of Hanft Brothers, 692 Madison avenue, has got the store very nicely fitted up, are carrying good stock and reports good business.

L. Gluck, who conducts the Twenty-third Street Flower Shop, Lexington avenue and 23rd street, has a neat store and reports business improving.

William J. Elliott, who was injured by being knocked down by an automobile, is much improved and hopes to be able to attend to business soon.

S. Manios, 414-416 Sumner avenue, Brooklyn, has a very commodious store and it is well stocked and as seen from the street, the effect is fine.

John J. Coan, late manager for the Growers' Cut Flower Co., will go into the wholesale business for himself.

Milt P. Whittle, designer, formerly with Malandre Brothers, is now with the Bell Rosary, 2654 Broadway.

William Hanft, of Young & Nugent's staff, is in the Presbyterian hospital, Madison avenue and 71st street.

A. Anargeros, 228 Seventh avenue, Brooklyn, has a good store and keeps it well stocked.

A. F. F.

Wholesale Flower Markets

	NEW YORK, Nov. 24.	Per 100
Roses, Beauty, special.....	35 00@40 00	
extra and fancy.....	25 00@30 00	
" No. 1 and No. 2.....	12 00@20 00	
Prima Donna, special.....	20 00	
Alice Stanley.....	1 00@ 8 00	
Francis Scott Key, special.....	8 00	
Mrs. Geo. Sawyer.....	1 00@ 8 00	
White Killaroy, special.....	4 00@ 6 00	
Killaroy, My Maryland.....		
" special.....	4 00@ 5 00	
" No. 1 and No. 2.....	50 @ 2 00	
" Queen.....	50 @ 8 00	
" Brilliant.....	50 @ 8 00	
Aaron Ward.....	50 @ 8 00	
Richmond.....	50 @ 8 00	
Sunburst.....	50 @ 8 00	
Tait.....	50 @ 8 00	
Milady.....	50 @ 6 00	
J. L. Mock.....	1 00@ 8 00	
Hadley.....	1 00@10 00	
Opbelia.....	50 @ 8 00	
Mrs. Chas. Russell.....	1 00@ 8 00	
Hoosier Beauty.....	1 00@10 00	
Cattleya Orchids, special.....	75 00@100 00	
inferior grades.....	40 00@50 00	
Lilies, Longiflorum and Harrisil..	4 00@ 5 00	
Lily of the Valley.....	2 00@ 4 00	
Carnations.....	1 00@ 2 00	
Bouvardias.....	1 50@ 2 00	
Adiantum Croweatum and Hybridum.....	1 00	
Asparagus Plumose.....doz. bchs.	1 00@ 1 50	
Smilax.....doz. strings	75	
Chrysanthemums, special, per doz.	1 00@ 3 00	
inferior grades.....per doz.	50 @ 75	
Gardenias.....per doz.	3 00@ 4 00	
Violets, single.....	50 @ 75	
double.....	50 @ 60	
Sweet Peas, orchid flowered.....	75 @ 1 00	
Common.....	40 @ 50	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.
Mention the American Florist when writing

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.
Mention the American Florist when writing

Frank H. Traendly **Charles Schenck**
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
Orchids, Roses, Carnations and all the other best products of the leading growers. Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
Mention the American Florist when writing

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Madison Square 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.
Mention the American Florist when writing

M. C. Ford
121 WEST 28th STREET NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing



THIS OFFER WILL BE RECALLED IN NOVEMBER
BOXWOOD SPRAYS

CHRISTMAS IS NOW ONLY 29 DAYS OFF

You will want some of our choice BOXWOOD SPRAYS for the holidays. If you will send us your order for 100 lbs. or more now, for shipment to be forwarded by express at your command, we will allow you a special discount of 10% from our guaranteed season's price. A very high quality of sprays at a low quotation should interest you, coming straight from the old plantations of our southern states. Take advantage of this special offer today—it's worth considering.

Waynesburg, Pa., November 9, 1915.
 "THE PITTSBURGH CUT FLOWER CO.
 In regards to Boxwood Sprays, Please send same amount as last year, and same kind. I imagine it was the dwarf, for it was such pretty green sprays without waste. It wasn't woody. And ship also ten pound case of Mistletoe and oblige.
 Very truly,
 M. R. HILL."

Pittsburgh Cut Flower Company
 BOXWOOD SPECIALISTS 116-118 SEVENTH ST., PITTSBURGH, PA.

Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through EFFECTIVE ADVERTISING.

Write us for our sample folders, cuts and slides for advertising:

Fall Planting Thanksgiving
 Fall Announcement Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

MCNEFF-SWENSON CO.

High Grade Floral Publicity.

818-819 Transportation Bldg.
 608 So. Dearborn St., Chicago, Ill.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.....	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.....	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.....	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope.....	7 50
Palm Green Untinted.	
36x12x6, Telescope.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
 1302-1308 W. Division St., CHICAGO

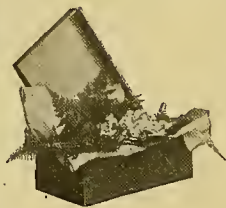
HOLLY WREATHS

W. G. Williams & Son

SELBYVILLE, DEL.

Send us your orders.

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company

161 Water Street, SANDUSKY, OHIO

Mention the American Florist when writing



Green and Bronze Galax, Etc.

Rhododendron Leaves,

50c per 1000; case of 5000, \$2.00.

ELK GALAX & FERN CO.,

TERMS CASH.

BANNER ELK, N. C.

Goods Guaranteed.



XMAS GREENS

ORDER NOW.

Choice Case Holly, Holly Wreaths and Laurel Roping. Can furnish any amount. I have anything in greens. Better write your requirements.

H. E. CONWELL, MILTON, DELAWARE

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
 Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

CASE HOLLY

Good green heavy berried stock.

Single case.....\$3.75

Five or more..... 3.50

Delivered to points east of the Mississippi river.

HOLLY WREATHS.

Made on round hoops from the best glossy green holly with four large clusters of berries.

14-inch wreaths..... per 100, \$10.10

18-inch wreaths.....per 100, 14.00

Case lots delivered free. Less than case lots f. o. b. shipping point.

BOXWOOD SPRAYS.

Bright, clean stock. 25 lbs. lots or more, 10c per lb. f. o. b. shipping point. Ask for prices on 500 lb. lots or more.

CASH WITH ORDER.

H. AUSTIN, FELTON, DEL

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



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San Francisco, Calif.

J. B. BOLAND

Successor to Sievera & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

148 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

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ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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Western Union Code.

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J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 WEST 28th Street

To out-of-town florists: NEW YORK

We are in the Heart of
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

"HOME GROWN FLOWERS"

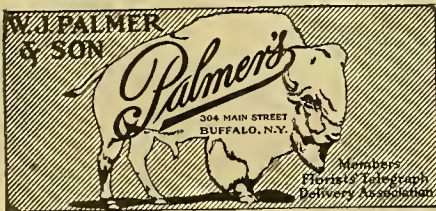
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bragg Co., Ross, Rochester, Minn.
- Bramley & Son, Cleveland, O.
- Breitmeier's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cleveland Cut Flower Co., Cleveland, O.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Cross, Eli, Grand Rapids, Mich.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyes, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heinl & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Roht. C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Lehorius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia, Pa.
- Manges, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Philips Bros., Newark, N. J.
- Pikea Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldocchi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburg, Pa.
- Rueter's, New London, Conn.
- Reuter's, Norwich, Conn.
- Reuter's, Western, E. I.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburg, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stumpp, G. E. M., New York.
- Walker Co., The F., Louisville, Ky.
- Weiland, M., Evanston, Ill.
- Whitted Floral Co., Minneapolis, Minn.
- Witthold, G., Co., 737 Buckingham Pl., Chicago.
- Wolfskill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeier's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

WASHINGTON
D. C.
Gude's

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH.
HOLLYWOOD GARDENS
 Seattle's Leading Flower Shop
 1536 SECOND AVE.
 MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.
The London Flower Shop, Ltd.
 1800 Chestnut Street, PHILADELPHIA, PA.
 Members Florists' Telegraph Delivery.

Pittsburgh, Pa.
A. W. Smith Co.
 KEENAN BLDG.
 Largest Floral Establishment in America.
 Established 1874. Incorporated 1909.
Mention the American Florist when writing

New York.
G. E. M. STUMPP
 761 Fifth Avenue
 Member Florists' Telegraph Delivery Association
Mention the American Florist when writing

THE J. M. GASSER COMPANY,
CLEVELAND
 EUCLID AVENUE
 Members of The Florists' Telegraph Delivery.

Washington, D. C.
Blackstone
 14th and H. Street.

Grand Rapids, Mich.
Eli Cross
 Orders properly cared for.
 Member Florists' Telegraph Delivery.

FREY & FREY,
 1338 O Street, LINCOLN, NEB.
 WHOLESALE AND RETAIL.
 Members of Florists' Telegraph Delivery.

Telephone 2656 Established 1880
M. WEILAND
 FLORIST
 George C. Weiland, Proprietor
 602 Davis Street, EVANSTON, ILL.
 Member Florists' Telegraph Delivery.

DULUTH, MINN.
J. J. LeBORIOUS
 Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Fraunfelder.
- Chicago—A. Lauge, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Witthold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The Cleveland Cut Flower Co.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Evanston, Ill.—M. Weiland.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Eli Cross.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Roht. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Philips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metalrie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Heas & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Ross Bragg Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Heintl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Biskistone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

New York. Established 1849
David Clarke's Sons
 2139-2141 Broadway, cor. 75th St.
 Orders By Telegraph Promptly Filled
 Phones, 1552-1553 Columbus
Mention the American Florist when writing

San Francisco
Podesta & Baldocchi
 224-226 Grant Avenue
 Mail or telegraphic orders promptly and most carefully executed.
Mention the American Florist when writing

Kansas City, Mo.
A. Newell
FLORIST
 Established over 20 Years.
 N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.
The Cleveland Cut Flower Co.
 Will fill your orders for designs and cut flowers in
NORTHERN OHIO.
Mention the American Florist when writing

St. Louis, Mo.
 Wire or Phone Your Orders to the
HOUSE OF FLOWERS.
Ostertag Bros.
 The Largest Retail Supply House in the West
 Jefferson and Washington Ave.

Albany, N. Y.
EYES,
 Flowers or Design Work.
 Delivered in Albany and vicinity on telegraphic order.
 11 NORTH PEARL STREET
Mention the American Florist when writing

Toronto, Can.
 Canada's best known and most reliable florist
Only the Best Dunlop's
 8 and 10 West Adelaide Street,
 * We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN INC.
NEW YORK 561 Fifth Ave.
BOSTON 1 Park Street
 799 Boylston Street
 Deliveries to Steamers and all Eastern Ports.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Sub-
urbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heint)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

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DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Mention the American Florist when writing

Newark, Ohio.

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Member of Florists' Telegraph Delivery.

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TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

St. Louis, Mo.

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Grimm & Gorly

Mention the American Florist when writing

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

CHICAGO

Engel
The
Palmer House
Florist

17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Mention the American Florist when writing

Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention.

DENTON FLORAL CO., DENTON, TEX.

S. W. KANADY, Mgr.

Careful attention to packing for deliveries
to all Southern and Middle States.

Mention the American Florist when writing

LEWIS HENDERSON, Florist

1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

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Lang Floral & Nursery Co., Dallas
Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, none too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

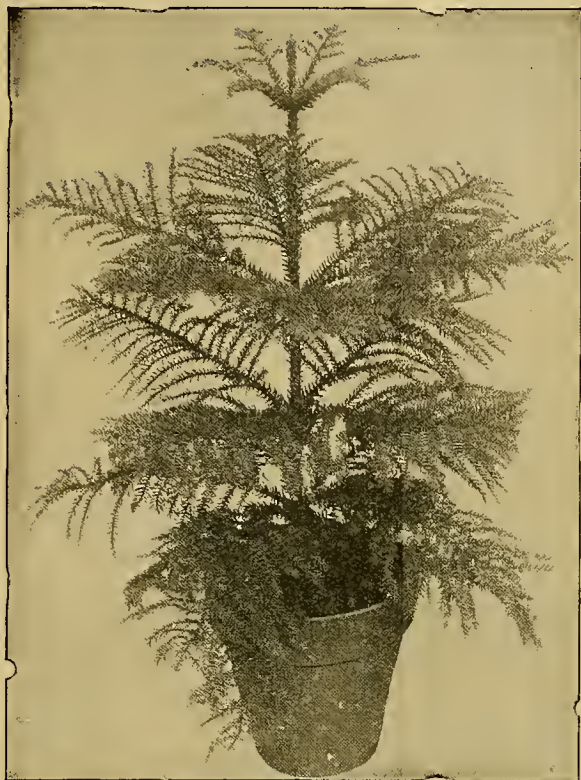
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H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

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SPECIAL VALUES in ARAUCARIAS



Araucaria (Norfolk Island Pine)

Araucaria Excelsa

- Each
- 6 inch pots, 16 to 18 inches high, 4 to 5 tiers, \$0.75
- 6 inch pots, 18 to 20 inches high, 5 tiers, 1.00
- 6 inch pots, 22 to 24 inches high, 5 to 6 tiers, 1.25

Also a limited stock of 4 inch pots, 5 to 6 inches high, 30c each.

Araucaria Robusta Compacta

- Each
- 7 inch pots, 16 to 18 inches high, 3 to 4 tiers, \$1.50
- 7 inch pots, 18 to 20 inches high, 4 tiers, 2.00

Araucaria Glauca

- Each
- 7 inch pots, 14 to 16 inches high, 3 to 4 tiers, \$1.25

HENRY A. DREER

714-716 Chestnut Street

PHILADELPHIA, - - - PA.

The above prices are intended for the trade only.

Mention the American Florist when writing

BOXWOODS

- Bushes, 10 to 12-inch.....\$0.25 each
- Bushes, strong 12-inch..... .35 each
- Bushes, 15-inch..... .60 each
- Bushes, 18 inch..... 1.00 each
- Bushes, 24-inch..... 1.50 each
- Standard Glohes, with short stems,
16 to 18-inch heads..... 4.00 each
- Standards, 12 to 18-inch stems,
15 inch crowns..... 2.00 each
- Pyramid Box, 24-inch..... 2.50 each
- Pyramid Box, 36-inch..... 3.00 each
- Square Block, 12x12-inch..... 1.50 each
- Square Block, 15x15-inch..... 2.00 each

HYDRANGÆA HORTENSIS

In order to meet the increasing demand for these favorite plants, we have had to largely increase our stock this season. We have the old, well-known Otaksa and also an assortment of the best French varieties for Fall shipment.

Otaksa

- 5-inch, 3 in a pot.....per dozen, \$3.60
- 5-inch, single plants..... .30c each
- 6-inch, single plants..... .40c each
- 7-inch, single plants..... .50c each
- 8-inch, single plants..... .60c each

French Varieties

- 5-inch, 3 in a pot.....per dozen, \$4.20
- 5-inch, single plants..... .25c each
- 6-inch, single plants..... .40c each
- 7 inch, single plants..... .50c each
- 8-inch, single plants..... .75c each
- 9-inch, single plants..... \$1.00 each

THE WITTBOLD BULLETIN

Of Prices for December Is Now Ready—

CYCLAMEN

The popularity of these splendid winter flowering plants is steadily increasing, and to meet the growing demand we have had to increase our stock from year to year. We have been especially successful with our methods of cultivation and offer a larger and finer stock than ever for the 1915 season. Over 30,000 healthy and clean pot-grown plants in the best known strains and varieties.

- Wonder of Wandsbek Excelsior
- Glory of Wandsbek Prince of Wales
- Dark Red Princess May
- Brilliant Red Giant White
- Bright Red Rosa von Marienthal
- Buckstone, Salmon.

These splendid international strains can be had either in separate colors or assorted.

- 3 inch, mixed colors, \$8.00 per 100; \$75.00 per 1000.
- 3-inch, separate colors. \$9.00 per 100; \$80.00 per 1000.
- 4-inch, mixed colors, \$15.00 per 100; \$140.00 per 1000.
- 4-inch, separate colors, \$16.00 per 100; \$150.00 per 1000.
- 5-inch, separate colors. @ 30c each.
- 6-inch, separate colors, @ 50c each.

It contains a remarkable range of highly advantageous offerings for your holiday trade.

If your name is on our mailing list, you will receive one of these Bulletins—if not, tell us, and this and future Bulletins will be sent to you regularly.

The prices quoted here are examples. Your order will have quick attention.

Write us today anyway.

The
Geo. Wittbold Co.
739 Buckingham Place, CHICAGO

Mention the American Florist when writing

AZALEAS

We have extra fine Azaleas and quote them 12 to 14 inch heads at 75c; 14 to 16 inch heads at \$1.00 each. These prices are good for one week only. Varieties: Vervaseana, Mme. Patrick, Simon Marboer, Hexe, Mme. Vander Cruyssen, E. Eckhout, Schryviana, Empress of India, Niobe, J. Llewelyn and Vervaeana Alba.

Geo. A. Kuhl, Wholesale Grower, PERIN, ILL.

CARNATIONS

F. DORNER & SONS CO.,

LaFayette, - - - Indiana

Trade Directory

PRICE: \$3.00, postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St. CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

THE dry October weather checked the potato rot of September.

MRS. J. C. VAUGHAN, Chicago, left for San Francisco November 23.

LOS ANGELES and Fresno, Calif., had about an inch of rain November 8-9.

PHILADELPHIA, PA.—W. Atlee Burpee's condition is reported unimproved.

WORCESTER, MASS.—Lester L. Morse and wife were visitors here November 18.

VISITED Chicago: Eugene Schaettel, representing Vilmorin, Andrieux & Co., Paris, France.

TENNESSEE holly breakers complain of difficulties from high water along river bottoms.

CHICAGO.—Prices for grass seed on the Board of Trade, November 23, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

FIVE members of the firm of Vilmorin-Andrieux & Co., Paris, France, are in the army, leaving only two on business duty.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½ inch staves and 17¼ inch heads, head material not thicker than 2-5 of an inch.

JACKSON, MICH.—S. M. Isbell & Co. report that the high prices of farm products have induced some farmers to neglect seed crops, indicating higher prices will prevail in 1916.

FRENCH seedsmen are required to secure permits before they can make any shipments to neutral countries, America excepted, a permit being required for each shipment or parcel post package.

W. W. BARNARD, president of the W. W. Barnard Co., Chicago, whose illness was reported in our last issue, is still at the Presbyterian hospital, but progressing favorably. Mr. Goodwin of this firm also continues to improve.

F. H. BRUNNING, LTD., Melbourne, Australia, advise they receive a number of letters from well known American houses bearing only two cents postage while the rate on ordinary letters to Australia is five cents each. This firm, by the way, is offering beans and onion.

YPSILANTI, MICH.—The case of the Adel Seed Co., of Battle Creek, against Adelbert Wain, a farmer, for the purchase price of seed oats and which promised sensations November 8 in the justice court, as many farmers had refused to pay for oats, did not go to the jury, Justice Stadtmiller dismissing the case on the ground that the company by not filing its list of incorporators and articles of incorporation with the Calhoun county clerk until eight months after this contract was made, did not exist when the seed was bought and has no standing in court. The case involved about 50 farmers.

Wisconsin Potato Growers.

The annual convention and exhibition of the Wisconsin Potato Growers was held at Marinette, November 17-19. Oneida county and Rhinelander, county seat, captured first both on potatoes exhibited and design and arrangement of county booth. They were awarded two silver cups and an art banner. Other counties exhibiting took places in the order given: Waupaca, Wood, Lincoln, Barron, Langlade, Marinette, Ford, Sawyer, Dunn, Oconto, Taylor and Rusk.

The following officers were elected for the ensuing year: J. W. Hicks, Prentice, president; C. Woodward, Weyauwega, vice-president; J. G. Milward, Madison, secretary.

American Mutual Seed Company.

We have received the following with regard to the above concern from A. A. Berry, of the A. A. Berry Seed Co., Clarinda, Ia.: "The American Mutual Seed Company is a new organization, incorporated under the state laws of Illinois for \$60,000, with headquarters at Forty-third and Roby streets, Chicago. John F. Summers is secretary and manager. Mr. Summers was engaged in the seed business at Malvern, Ia., several years ago, is a graduate of the Ames, Iowa Agricultural college and for the past few years has been conducting the large farm estates of Carl S. Vrooman, assistant secretary of agriculture of the United States. The firm is backed by practical seedsmen of good business ability, is ably financed, and has a bright future. They are engaged in the general seed business."

New York Seed Trade.

William Elliott, of the firm of Wm. Elliott & Sons, 42 Vesey street, while crossing Columbus avenue at Eighty-eighth street, on the evening of November 17, was struck by an automobile and hurled into the gutter, the automobile proceeding on its way. He was rendered unconscious for the time being. Though no bones are broken, he has two severe scalp wounds, is badly bruised and may be internally injured. The police have failed to arrest the chauffeur. It is stated that this is the fifth accident of the kind that has occurred at the same place within a year. The injury to Mr. Elliott did not discontinue the auction on November 19, his place being filled by Frank Stanley, his clerk. Carl Elliott is managing the store during his brother's enforced absence.

At the auction rooms of the MacNiff Horticultural Co. we have noticed exceptionally large bay trees, rhododendrons, boxwoods and a great variety of other good stock, noteworthy being finely berried imported holly, Phoenix Roebelenii and other palms.

At the store of Peter Henderson & Co., the large yellow pumpkins and squashes in their windows attract much attention.

J. B. Deamud, manager of Vaughan's Seed Store, has returned from the Cleveland show, with which he was well pleased. Business continues active at this store.

News of the death of Otto Stumpp, father of George Stumpp, of the Stumpp & Walter Co., will be found in our obituary column. A. F. F.

European Parcel Post Changes.

Close upon its action in declining to receive parcel-post mail for Germany, the Holland-American steamship line has notified the Post Office department that only such parcel mail for Holland as is addressed in care of the Netherlands Overseas Trust will be accepted. The consignee, it is stated, can arrange with the Overseas Trust for delivery on arrival. The Post Office department has cabled the postal administration in Holland asking whether the requirements of the steamship company have official sanction.

Suspension of the parcel service to Germany became necessary because the Holland-American line, the only carrier by which parcel mail for Germany was being taken, refused to continue the service. Exchange of parcels in international mail is not provided for in the agreement known as the universal postal convention, which obligates all the signatory nations, whenever possible, to facilitate the exchange of all postal union mail. International parcel post is provided under special agreements between nations. Under such an agreement, prior to the outbreak of the European war, parcels were exchanged direct between the United States and Germany. After the war began, when direct steamship service ceased between the United States and Germany, an agreement was entered into with Holland for continuation of the parcel service to Germany by the Holland-American line, through Rotterdam.

When the Holland-American line refused to accept parcels for Germany, no other route remained by which they could be sent. Efforts are now being made to renew the service via Rotterdam or via some other route. Misunderstanding of the action of the Post Office department in suspending Germany parcel service has resulted from failure to take into account all the facts. It was far better for the convenience and economy of American users of the service to announce this suspension than to allow parcels to accumulate at New York at a time when the means of dispatching them was not available. Under the steps now taken such parcels will be returned to their senders and the postage refunded. This avoids loss and confusion.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSHIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

1000 Specimen Holly Trees

From Holland
For Christmas Decoration
To be Offered at Auction

Write us For Particulars.



The MacNiff Horticultural Company
54 and 56 Vesey Street, New York

SPIRÆA

From Cold Storage Per case
Gladstone, white, 100 to case.....\$6.50

LILIES (New Crop)

Longiflorum Multiflorum, 9 to 10 in., 200 to case.....per case, \$19.00

Write for our Fall Trade Catalogue.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"

411-413 Washington Ave., ST. LOUIS, MO.

Cold Storage Valley

FOR HOLIDAYS

Packed in cases of 500, 1000 and 2500.

Regular Grade.....per 1000, \$15.00

Extra Grade, XXXX.....per 1000, 20.00

ORDER NOW and give dates for later shipping.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber,
Musk and Watermelon; Pumpkin and
Squash.

FREMONT, : NEBRASKA

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmoa, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

ASPARAGUS PLUMOSUS SEEDS.

New crop, fresh, lath-house grown.

5,000 or more seeds	\$1.30 per 1000
20,000 " "	1.20 "
50,000 " "	1.00 "

Delivered free anywhere in the United States upon receipt of remittance.

McHUTCHISON & CO., THE IMPORT HOUSE NEW YORK
17 MURRAY ST.

Seedsman requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated
English Strains

can get them at lowest independent wholesale
rate by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

FLORISTS appreciate the importance
of seeds and bulbs which may be
depended upon: most florists have
experienced the disappointment and loss
incident to poor quality.

Thorburn's Bulbs

for forcing and outdoor planting are care-
fully described in our "Wholesale Price
List for the Trade Only."

Send for your copy if you have
not already received it. It
will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

Landscape Gardening



A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade
CARPINTERIA, CALIF.

THE G. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

LILY OF THE VALLEY PIPS
Ex Cold Storage
NEW YORK or CHICAGO
Finest Grade of GERMAN and DANISH PIPS
ASK FOR PRICES
Loechner & Co., Inc., 11 Warren St., New York

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Mention the American Florist when writing

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radiah, Beet,

Branches Michigan, Wisconsin and Idaho
MILFORD, CONN.

Mention the American Florist when writing

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK and Orange, Conn.

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

BRUNNINGS
Large Growers and Shippers of
BEANS, PEAS and ONION SEED
Correspondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDSBORO, N. J.**

Mention the American Florist when writing

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED

Bloomdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Water Melon and Okra Seed

Grown for the Wholesale Trade.
Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

Chrysanthemums

Novelties for 1916.

EARLY ROSE.

A bright rose pink. C. S. A. Certificate, October 16th. Best early pink for October 10-20th. 50c each; \$4.00 per 10; \$30.00 per 100.

OCTOBER QUEEN.

Purest glistening white, maturing October 20th, 4 feet. Excellent upright growth with beautiful foliage. C. S. A. Certificate. 50c each; \$4.00 per 10; \$30.00 per 100.

TIGER.

(Exhibited as 111-1-13 and named by Pres. Wilson). A seedling from Chrysolora. Bright yellow, fine incurved form, good from any bud after Sept. 1st, semi-dwarf, fine stem and foliage. C. S. A. Certificate. 50c each; \$4.00 per 10; \$30.00 per 100.

JOSEPHINE FOLEY.

A seedling from Naomah but purer white, high rounded form, excellent stem and foliage. Matures last of October. A fine commercial from September buds, giving double flowers, 5 feet C. S. A. Certificate. 50c each; \$4.00 per 10; \$30.00 per 100.

NORDI.

A pure white Pompon maturing November 10th to Thanksgiving. 30c each; \$2.25 per 10; \$20.00 per 100.

ZORA.

This variety we were unable to disseminate last year. An early bright yellow, coming in a few days before Zenobia. The earliest good yellow Pompon. 30c. each; \$2.25 per 10; \$20.00 per 100.

ANNOUNCEMENT.

The new Chrysanthemum shown as Smith's Cameo was awarded the sweepstakes prize in the seedling classes at both Cleveland and Chicago and has been greatly admired by the thousands of persons attending these shows. We consider it one of our greatest achievements and those in the trade referred to it as the best seedling of the year.

Upon investigation recent tests have given positive proof that it is inclined to shatter or drop its petals.

This serious defect disqualifies it as a shipper and for this reason alone we have decided much to our regret that it is unworthy of our indorsement and dissemination.

Justice to our patrons is justice to ourselves and we feel assured the course taken will be appreciated.

LITTLE GEM—Certificated at Cleveland, will not be disseminated until 1917 owing to limited stock. Will however be pleased to book your order one year in advance at same price quoted on Nordi and Zora.

Delivery on or before March 1st.

All other varieties both new and old furnished at popular prices. **SEND FOR LIST.**

ELMER D. SMITH & CO., ADRIAN. MICH.

Some Excellent Stock

Liberal extras for early orders. Special prices.

Size of pots.	100	1000
2 1/4-in. Asparagus Plumosus	\$2.50	\$22.50
4-in. Asparagus Plumosus	7.50	70.00
2 1/2-in. Asparagus Sprengeri	2.50	22.50
4-in. Asparagus Sprengeri	6.50	60.00
2 1/2-in. Begonia, Flowering, 12 kinds.	5.50	50.00
4-in. Chinese Primroses	7.50	70.00
2 1/4-in. Cinerarias, Choice mixed	2.50	22.50
2 1/4-in. Coleus, 15 varieties	2.50	22.50
3-in. Cyclamen, Fine plants	7.50	70.00
2 1/4-in. Double Petunias	2.75	25.00
2 1/4-in. Primula Obconicas, Choice mixed	2.50	22.50
3 1/2-in. Primula Obconicas	6.00	55.00
2 1/4-in. Geraniums, 15 varieties	2.25	20.00
3 1/2-in. Stevia, Dwarf or tall	7.00	65.00
4-in. Ferns, Boston, Scottii, Whitmani, Roosevelt, Scholzei	20.00	
5-6-7-in. Dracaena Indivisa	\$15.00, \$20.00, \$25.00	
per 100.		
Violet Plants, Field grown, Princess of Wales, \$5.00 per 100 \$45.00 per 1000		

Abundance of Stock. Correspondence solicited
ALONZO J. BRYAN
 Wholesale Florist, WASHINGTON, N. J.

Seedling Pansies

In mixed color or separate white, yellow and purple, at

\$4.00 per Thousand.

This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,

Sutphin Road and Rockaway Boulevard
 JAMAICA, N. Y.

Have you placed your order for

MISS THEO?

The best Rose Pink Carnation on the market.

Rooted cuttings, \$12.00 per 100: \$100.00 per 1000.

LITTLEFIELD & WYMAN
 NORTH ABINGTON, MASS.

Mention the American Florist when writing

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

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BOXWOODS—Most Beautiful Stock

Pyramids, 2-ft.	\$1.00 each
Pyramids, 2 1/2-ft.	1.50 each
Pyramids, 3-ft.	2.00 each
Pyramids, 3 1/2-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Buahea, 15-in.	.35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

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Horticultural Trade Journal

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Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
 BURNLEY, ENGLAND

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Sheuandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
Johu Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

SAVANNAH, GA.—The park and tree commission of this city have asked for an appropriation of \$61,433 for operations during 1916. Over \$6,000 is asked for tree planting.

EVANSVILLE, IND.—The McCoy Nut Nurseries have been incorporated with a capital stock of \$30,000. The directors are: Robert L. McCoy, George Durkee and Perry E. Tichenor.

Ohio State University Hort. Society.

The apple show committee of the Horticultural Society of Ohio State University, Columbus, announces that the fifth annual show of the society will be held during the second week of December. Exhibitors from all parts of the state are taking a keen interest in the coming event, and premiums in the form of cash and manufactured products will be awarded.

Arsenate of Calcium Promising Insecticide.

As a result of extensive tests during 1912, 1913 and 1914 with different insecticides, the entomologists of the United States department of agriculture have found that calcium arsenate, a new insecticide, gives very promising results in the control of certain insects that do damage by chewing on fruit trees. Among the chewing insects against which the arsenate of calcium proved effective, in laboratory and field tests conducted at Benton Harbor, Mich., are the codling moth, the fall webworm, the tent caterpillar and the tussock moth. The details of the various experiments are published in Department Bulletin No. 278, "Miscellaneous Insecticide Investigations."

In these tests the effects of arsenate of calcium, both alone and combined with lime-sulphur solution, were tested in comparison with arsenate of lead alone and in combination with lime-sulphur. The arsenate of calcium, as was the arsenate of lead, was used at the rate of two pounds to each 50 gallons of water. In all the experiments the arsenate of calcium gave very satisfactory results in killing the larvae without burning the foliage. In a number of cases its killing action was somewhat slower than, but compared favorably with, the arsenate of lead. Since it can be produced more cheaply than the lead arsenate it would appear to have distinct value, although it has not been sufficiently tested to permit recommending it unreservedly for general use. Where arsenate of calcium was combined with lime-sulphur it was, as a rule, even more effective as a poisoning agent than when used alone and did not lessen the value of the latter as a fungicide. When these compounds are combined, the amount of foliage consumed by the larvae is less than where the arsenate of calcium is used alone. In tests in 1914 a commercial arsenate of calcium (paste), arsenic oxid 18.82 per cent, with lime-sulphur solution, gave very excellent control of the codling moth in comparison with arsenate of lead

and with unsprayed plats. Where arsenate of calcium was used, 98.79 per cent of the apples were sound; arsenate of lead showed 99.44 per cent of sound apples; while in the unsprayed test plats only 58.71 per cent of the apples were free from damage.

The following will be found to be a convenient way of making home-made arsenate of calcium:

Stone lime (90% CaO).....55 pounds
Sodium arsenate, fused (dry powdered) 65% As₂O₅...100 pounds
Water 26 gallons

Place the stone lime in a wooden container and add a small amount of water, just enough to start slaking. When slaking is well under way pour in the sodium arsenate, which should first have been dissolved in hot water. Keep stirring until the lime has thoroughly slaked. Sufficient water should be added from time to time to prevent burning.

The resulting arsenate of calcium should contain about 18 per cent of arsenic oxid. In making this compound it will of course be necessary to know approximately the calcium oxid and arsenic oxid content of the materials employed and to vary the formula accordingly. The by-product is largely sodium hydroxid, which should be decanted if the insecticide is to be used on tender foliage.

FRANCISCO DELGADO Q.

ORCHID COLLECTOR

Solicits orders for shipments of Orchids.

Prices quoted upon application.

BOGOTO (Chapinero) 'COLOMBIA.

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ENGLISH MANETTI

Repacked and regraded here. Arrival expected early December.

Grafting size, 3-5 m/m.....per 1000, \$10.00 5000, \$45.00 (25 m/m equals
Extra size, 5-9 m/mper 1000, 12.00 5000, 55.00 one inch.)

We have Manetti stocks grown for us on contract by four of the best English growers—people with whom we have dealt for many years and whose goods and packing we can depend upon.

Our prices are Duty paid here, and are for the stocks re-graded into uniform sizes and with all shrinkage eliminated. Every stock we send out is a usable one. Order now for prompt shipment on arrival.

JACKSON & PERKINS COMPANY, Newark, New York

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J. Gouchault & Turbat Nurseries

E. TURBAT & CO.

Nurserymen and Rose Growers ORLEANS (FRANCE)

Inform the Whole Nursery Trade that notwithstanding the war they have maintained their Nurseries up to the usual level and that they will be from now, very pleased to answer all demands for:

Roses. One of the most extensive existing collection, deliverable as dwarfs, on their own roots; grafted on dog rose roots; budded on dog rose seedlings; in all the best old and new varieties; also as standards or tree roses.

Rose Stocks. Such as Rosa Canina, of which we have largely increased our production; Manetti, Grifferaie, Laxa, Multiflora, Polyantha, etc.

Fruit Tree Stocks. All varieties, all sizes.

Young Deciduous Ornamental Trees and Shrubs.

Very important collection.

Young Conifers. Very large collection, all the best sorts.

Our list of New, Rare or Noticeable Trees and Shrubs, the most up-to-date list published and of deep commercial interest, should be consulted by all interested.

Grand list Hardy Herbaceous, new and old, etc.

Our new Wholesale Catalogue is ready. Please ask for it.

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Write for list.

PETERSON NURSERY
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For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

HEADQUARTERS

California Privet

In any quantity and any size desired.
My Privet has more branches than what is usually sent out, and I grade better.
Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
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Place That Order Now for



ARAUCARIA EXCELSA.

CYCLAMEN, assorted colors, 4-inch, large plants in flower and bud.....per 100, **\$20.00**

BEGONIA, Lorraine and Cincinnati, 5-inch, large plants in bud and bloom, good foliage.....per doz., **8.00**
6-inch.....per doz., **10.00**

Araucaria Excelsa, special line, 4-inch, 3 tiers, doz., **\$ 5.00**
Per 100..... **35.00**

5-inch pots, 2 ft. high, 5 tiers..... each, **1.00**
Doz..... **10.00**

6-inch pots, 2½ feet high, 6 tiers.....each, **1.50**
Doz..... **14.00**

Aucuba Japonica, exceptional value, bushy, well furnished at base,
Per doz.
12-in.....**\$3.50** 24-in.....**\$ 8.00**
18-in..... **5.00** 30-in..... **10.00**



CYCLAMEN.

CANNA FIREBIRD—Ready Now. 25 or more 20c each.
AZALEA PLANTS FOR XMAS—Come and see them.

Inspection of our stock cordially invited. Send for samples.

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31-33 W. Randolph Street,

Vaughan's Seed Store,
Greenhouses, Western Springs, Ill.;

NEW YORK.
43 Barclay Street,

PRIMROSES

Per 100
Forbesii, Obc. Alba, Rosea and Ruby, 2¼ in pot 1.50
Obc. Gigantea, 2¼ in. pot..... 2.00
Asp. Plumosus, 2¼ in. pot, \$17.00 per 1000..... 1.75
Asp. Sprengeri, seedling, \$5.00 per 1000 1.00
Vinca Var., 3½ in. pots, cut back.. 5.00
Pansy Plants, giant flowering, \$2.50 per 1000.

—CASH—

Jos. H. Cunningham, DELAWARE, OHIO.

The Greatest Handicap.

American Florist Co., Chicago,
Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the **American Florist Co.'s Trade Directory**. I haven't one. Send me a copy.
Yours truly,
JOHN WATSON.
Newark, N. Y., Oct. 8, 1915.

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, 2½-inch, at \$9.00 per 100; \$80.00 per 1000. 3-inch, at \$12.00 per 100; \$100.00 per 1000. 4-inch, at \$30.00 per 100.
Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....\$3.00 each
10-inch tubs, 40 to 44 inches high, at..... 5.00 each
Kentia Forsteriana, made up, bushy plants, in good tubs.
7-inch tubs, 3 plants in a tub, 36 inches high, at.....\$3.00
8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at..... 3.50
8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00
8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00
9-inch tubs 3 plants in a tub, 48 to 54 inches high, at..... 6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at..... 7.50
Asparagus Sprengeri, strong 3-in..... \$ 5.00 per 100
Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15.00 per 100; strong 5 in. pots..... 25.00 per 100
Dracaena Terminalis, strong 5-in. well colored.....\$7.00 per doz.; 50.00 per 100
Hydrangeas, French sorts, assorted, and **Otaksa**, pot-grown; 4-in. pot plants, \$15.00 per 100; 5-in. pot plants..... 20.00 per 100
Adiantum Glory of Mordrecht, 4-in. pot plants.....\$4.00 per doz.; 25.00 per 100
Adiantum Croweanum, 4-in..... 15.00 per 100
Fern Dish Ferns, all standard varieties.....100, \$3.00; 1000, \$25.00
Begonia Florence Davenport, extra fine, 5-in., at 40c; 6-in., at 60c.
Poinsettias, 4-in., ready to bloom, at 15c; 5-in., ready to bloom, at 25c; pans, 6-in., 5 plants to a pan, fine stock at 75c.

The Storrs & Harrison Co.
PAINESVILLE, OHIO

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.
Prices low. Send for list.

Wood Brothers, FISHKILL New York

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

Market Gardeners

Vegetable Growers' Association
of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1915) edition is \$3 per copy, postpaid.

Prices of Indoor Fruits and Vegetables.

Chicago, November 23.—Mushrooms, home grown, No. 1, 35 to 40 cents per carton; lettuce, cases 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, four baskets, \$1.25 to \$1.50; cucumbers, dozen, \$1.25.

New York, November 23.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, 75 cents to \$1.00 per dozen; mushrooms, \$1.00 to \$1.75 per 4-pound basket; tomatoes, \$1.00 to \$2.00 per 10-pound basket; radishes, per 100 bunches, \$1.50 to \$2.50; lettuce, per basket, 25 cents to \$1.25.

Celery Wiltling.

ED. AMERICAN FLORIST:

What can be done to prevent celery from wiltling after it is dug? I am growing White Plume, bleaching with boards, and it is very nice, but wilts badly when exposed at stores for sale. Would bone meal or any other commercial fertilizers be of any help? Am using stable manure at present.

Illinois.

T. N.

To cover this question thoroughly would mean to go over the whole ground of good celery culture. In the first place, White Plume is a poor variety for store sales, as it lacks substance. We believe that it wilts quicker than any other kind. As to culture, the season, the soil, the fertilizer used, and finally, the method of handling, have a great deal to do with keeping qualities. Loose, black soils, warm, cloudy weather, attacks by fungus disease, excessive use of manure, all tend to produce soft growth. On the other hand, clayey soils, dry weather, thorough spraying, phosphatic fertilizers, deep and constant cultivation, will improve the texture of any variety. Finally, when it comes to marketing, celery should be conditioned before shipped. By this we mean some such method as is used by cut-flower men to harden their flowers. By standing celery in tubs with just enough fresh cold water to cover the roots, in a cool room, the plants will absorb all the water they can hold in a few hours. This will help them materially.

This hardening process can be carried out before they are trimmed for market or after they are bunched. However, they should not stand in deep water long, as the water will damage the flavor of the stalks. Finally, immediately after removing from the tubs, the celery should be wrapped in paper and kept in paper as long as

possible in the store where sold. If celery could be wrapped in waxed paper in original packages, say 10c packages, and sold in that condition, a great step forward would be taken in celery consumption. Every moment from the time of digging to the table, means loss of quality unless protected. This protection should continue into the customer's kitchen or refrigerator, as celery exposed to air in an ice box wilts badly. To this end the producer must instruct the consumer. We have often wondered how ignorant the average consumer is—he will lay the finest vegetables around in the kitchen or refrigerator until almost worthless and then blame the grocer. MARKETMAN.

Cabbage Production and Acreage.

The production of cabbages this year in the eight important cabbage-growing states is estimated at 958,301 tons, as compared with 765,663 tons, the revised estimate for last year, an increase of about 25 per cent. These eight states, New York, Ohio, Indiana, Michigan, Wisconsin, Minnesota, Iowa and Colorado, comprised 53 per cent of the total cabbage acreage of the United States in the census year 1909.

New York and Wisconsin are the principal sources of commercial production of cabbage, their total production in 1915 being estimated at 685,110 tons, or over 71 per cent of the total estimated production for the above states. The total estimated production in these two states in 1915 exceeded that of 1914 by 165,216 tons of cabbage, or nearly 32 per cent. This result was obtained through an increase of nearly 11 per cent in the acreage planted in these two states, and an increase of two tons per acre in yield in New York. The increase in yield in Wisconsin was small.

There was a relatively heavy falling off in both yield and production in Ohio and Indiana, the decrease in production amounting to 34,484 tons, or about 30 per cent of the total estimated production for the two states in 1914. Ohio and Indiana suffered heavily throughout the growing season from excessive rainfall and consequent floods.

From incomplete returns regarding the acreage in cabbage grown for manufacture into kraut, it is estimated that approximately the product of 16,000 acres was so consumed in 1915, or about 160,000 tons, nearly 17 per cent of the total crop produced in the above states.

ANNA, ILL.—W. W. Thomas, considered one of the largest growers of strawberry plants exclusively in the world, died at his home here, November 13.

"Market Gardening."

A new book on "Market Gardening," by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M. and formerly professor of market gardening at the Massachusetts Agricultural College, Amherst, has just been issued, containing 102 pages, 5x7, with 36 illustrations. It is an elementary text book and a practical, reliable and handy guide for all growers of vegetables, its purpose being to furnish in condensed form, information as to the methods and best practices of growing the commoner varieties of vegetables, 23 in number. The contents include: "Location for the Market Garden," "Cultivation," "Fertilizers," "Hot Beds," "Seeds and Seed Sowing," "Transplanting," "Irrigation," "Vegetable Gardens," "Storing and Packing," "Crops." The book is now ready bound in cloth, and can be obtained at THE AMERICAN FLORIST office, price 75 cents.

Grow Fresh Vegetables in your own cellar this winter, or, your greenhouse.

GROWN BY MY FORCING ROOTS.

My 7 year old forcing Asparagus roots, immense Rhubarb clumps and fine Witloof Chicory roots will please you. I have fine roots of the new Orchid Chicory, which forces a beautiful pink—great for fine hotels. Also Sea Kale roots. All roots for out door planting, including Horse Radish roots.

Warren Shinn, Forcing Root Specialist,
WOODBURY, N. J.

Vegetable Plants

Lettuce and Cabbage Plants,

\$1.00 per 1000; 10,000 and over 85c per 1000
Parsley Plants, extra strong, for forcing
50c per 100; \$3.50 per 1000

R. Vincent Jr. & Sons Co., White Marsh, Md.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price \$1.00—29 Illustrations.

AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettnces, Onions, Peas, Radishes, Spioach, Turnips Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabions, Stocks, Verbena, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

NEW CARNATION Belle Washburn

A Beautiful Brilliant Red

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N.Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

It has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower 3½ to 4 inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Enchantress family. It has a very spicy odor much greater than the average carnation. It comes in full flower by the first of December and then continues steadily the balance of the season.

The present sharp competition in business requires the grower to plant a variety that always produces high-grade flowers, never bursts the calyx, has strong, long stems, is steady and continuous bloomer, no cropper. The color is the most brilliant red of any carnation now in market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 18,000 devoted to rooted cuttings.

We will have 100,000 strong, well-rooted cuttings guaranteed all first-class ready for delivery during December. The price of the rooted cuttings will be \$12.00 per 100; \$100.00 per 1000.

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OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES
HINSDALE, ILLINOIS.

Special Sale of Asplenium Nidus Avis

(Bird's nest Fern)

At greatly reduced prices to make room for Christmas Stock.

- 4-in. pans.....\$ 4.00 per doz.
- 5-in. pans..... 6.00 per doz.
- 6-in. pans..... 12.00 per doz.
- 7-in. pans..... 15.00 per doz.
- 8-in. pans..... 24.00 per doz.

Write for Wholesale List of Ferns, Palms, Etc.

Fernish Ferns in flats and 2¼-inch pots a Specialty.

H. PLATH

THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF

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ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

Nephrolepis Verona

The new crested beauty. Now ready for delivery. Write for sample.

- 2-inch.....\$ 8.00 per 100; \$ 72.00 per 1000
- 2½-inch..... 10.00 per 100; 90.00 per 1000
- 3-inch..... 12.00 per 100; 100.00 per 1000

Polypodium Maudianum

Good strong plants ready for a shift or to be divided.

6-inch, 75c each; 8-inch, \$1.25 each.

Asparagus Lutzi

Good strong plants

4-inch, 35c each; \$30.00 per 100.

French Hydrangeas

Well grown plants of best varieties

4-inch\$20.00; 5-inch.....\$25.00; 6-inch.....\$30.00 per 100

P. S. Randolph & Sons

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A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

FALL PRICE LIST

ROSES

"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO



THE ROSE
Coming-**CHAMP WEILAND**-In March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

OWN ROOT		Orders filled strictly in the Order as booked.	GRAFTED	
100 plants for.....	\$ 30.00		100 plants for.....	\$ 35.00
250 plants for.....	70.00		250 plants for.....	82.50
500 plants for.....	125.00		500 plants for.....	150.00
1000 plants for.....	250.00		1000 plants for.....	300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

**THE BOOK OF
GLADIOLUS**



THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, **POTPAID**, \$1.25
AMERICAN FLORIST CO.
440 So. Dearborn St.
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SPIRAEA

Large Clumps Plump Eyes

Gladstone (White).....	Per 100 \$7.00
Queen Alexandra (Pink)...	8.00

GLADIOLUS
For Midwinter Forcing.

Blushing Bride.....	Per 100 \$5.00
The Bride.....	7.00
Peach Blossom.....	7.50
Mrs. Francis King Augusta America Chicago White Chicago Salmon Panama, Princeps	Our Own American Grown and Grading. WRITE FOR PRICES.



Spiraea Gladstone.

LILIUM FORMOSUM

Best Selection Ever Brought In. Consider These Prices.

7-9 inch (250 bulbs to case).....	Per 1000 \$55.00
8-9 inch (225 bulbs to case).....	65.00
9-10 inch (180 bulbs to case).....	75.00

LILIUM GIGANTEUM (New Crop)

Now Ready and Never Better.

7-9 inch (300 to case).....	(Ask for).....	Per 1000 \$48.00
9-10 inch (200 to case).....	(Quantity Prices.).....	90.00

Chinese Narcissus Bulbs, in mats of 120. Ask for price.

Ask For Surplus List All Fall Bulbs.

Get Our Holiday List Xmas Specials.

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

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GERANIUMS

Strong 2-inch stock.

Nutt, Dagata, Ricard, Red Wing, Viaud, La Favorite, Jaulin, Perkins and Oberle, \$2.00 per 100, \$18.50 per 1000.

Ruby (best dark red) Gen. Wayne, Frenot, Dryden, Annie Vincent, Hill, Atlantis, Luigi Grandi and Poitevine. \$3.00 per 100, \$25.00 per 1000.

SEND FOR CATALOGUE OF GERANIUMS

F. H. DeWITT & CO.
WOOSTER, OHIO.

CHAS. H. TOTTY

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Wholesale Florist

Chrysanthemum Novelties My Specialty

**A Few Good Things
You Want.**

Geraniums, Nutt, Buchner, Ricard, Perkins. Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.
Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c. 5-in., 25c each.
Rex Begonia, 2 1/4-in., \$5.00 per 100.
Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

GERANIUMS

Our Guarantee holds good all the year; they must reach any point in the United States east of the Mississippi River in good growing condition. Winter prices. S. A. Nutt, \$12.50 per 1000 Ricard and Poitevine, 15.00

A New Money Maker—The Two Buddleias.
Buddleia Variabilis, the butterfly plant, one of the best selling hardy shrubs.

Buddleia Asiatica, one of the finest winter pot plants you can grow. Every florist in the United States should have from fifty to a thousand of these according to the size of his place. Rooted cuttings of either by parcel post, at \$2.50 per 100.

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3½-in. equal to 4-in.	12.50	
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GERANIUMS, mixed varieties, out of 2½-inch pots. Am booking orders for Dec. delivery at \$20 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

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ROSE GERANIUMS, no greenhouse is complete without some of these. We have a fine lot of 2-inch pots, \$2 per 100; 3-inch pots, \$3 per 100. Cash, less 5%. C. L. HUMPHREY, Zanesville, Ohio.

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LYCOPodium hunched, \$7 per 100 pounds, cash. Laurel per crate, \$2.50. Hemlock, 50c to \$1 per bundle. Clark—Florist, 124 Washington Ave., Scranton, Pa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. B. A. Beaven, Evergreen, Ala.

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Heliotrope, 2-in., \$2 per 100. Geo. M. Emans, Newton, N. J.

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HOLLYHOCKS in separate colors and mixed; fine large plants, \$6 per 100; smaller plants, \$4 per 100. Cash. JAMES MOSS, JOHNSVILLE, PA.

HYDRANGEAS.

Hydrangeas for Easter forcing. French varieties, including all best sorts, such as Bouquet Rose, Mme. E. Mouilliere, Mme. Maurice Hamar, Souvenir de Mme. E. Chautard, Seatore Henri Davia. Otaksa, old standard variety, 4-inch pots, \$3 per doz.; \$20 per 100; 5-inch pots, \$4 per doz.; \$30 per 100; 6-inch pots, \$8 per doz.; \$40 per 100. A. Henderson & Co., 369 River St., Chicago.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-inch, \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangeas for forcing. For varieties and prices see advertisement on front cover. Vaughan's Seed Store, Chicago and New York.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGAEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

LILY OF THE VALLEY.

From Storage.

Lily of the valley from cold storage for Christmas flowering. Brun's Celebrated Chicago Market, \$18 per 1,000; \$9.50 for 500; \$5 for 250. Florists' Money Maker, \$16 per 1,000; \$8.50 for 500; \$2 per 100. H. N. Bruns, 3040 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Cbas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechner & Co., Inc., 11 Warren St., New York.

Cold storage valley for holidays; packed in cases of 500, 1,000 and 2,500. Regular grade, \$15 per 1,000; extra grade XXXX, \$20 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago

MANETTI.

English manetti, repacked and regraded here. Arrival expected early December. Grafting size. 3-5 m/m, \$10 per 1,000; 5,000, \$45. Extra size, 5-9 m/m, \$12 per 1,000; 5,000, \$55. 25 m/m equals one inch. Jackson & Perkins Company, Newark, New York.

MISCELLANEOUS.

Alyssum, alternantheras, Begonia Vernon, mixed; coleus, fuchsias, heliotrope, lantanas, lemon verbenas, moonvines, petunias, single and double; Salvia Bonfire, swainsona, \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 per 1,000 for 3-inch. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Polypodium Mandianum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogota (Chapiero), Colombia.

PALMS.

Palms, Kentia Belmoreana, 2 1/2-inch, \$9 per 100; \$50 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000; 4-inch, \$30 per 100; made-up: 8-inch tubs, 36 inches, \$3 each; 10-inch tubs, 40 to 44 inches, \$5 each. Kentia Forsteriana made-up: 7-inch tubs, 3 plants in a tub, 36 ins., \$3 each; 8-inch tubs, 36 to 40 ins., \$3.50; 8-inch tubs, 40 to 44 ins., \$4; 8-inch tubs, 44 to 48 ins., \$5; 9-inch tubs, 48 to 54 ins., \$6; 10-inch tubs, 4 plants in a tub, 54 to 60 ins., \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

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PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS, mixed varieties in bud and bloom, \$15 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

PANSY PLANTS for the benches, nice, stocky plants, \$5 per 1,000; 5,000 or more, \$4 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Pansy Plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; \$30 per 100; 5-inch, 50c each; \$45 per 100; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

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Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

XMAS PEPPERS, extra fine plants, full of berries, 4-inch, \$1 per doz.; \$7 per 100. Cash. HUMMEL & CO., 641 3rd Street, Milwaukee, Wis.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Christmas Peppers. Geo. A. Kuhl, Pekin, Ill.

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POINSETTIAS.		
	100	1,000
2,500 2 1/2-in. good plants.....	\$4.00	\$37.50
2 1/2-in. extra select	5.00	45.00
3-inch	8.00	70.00
A. L. RANDALL CO.,		
Wabash, at Lake, Chicago, Ill.		

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POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

Poinsettias, 4-inch, ready to bloom, 15c; 5-inch, 25c; 6-inch pans, 5 plants to pan, 75c. The Storrs & Harrison Co., Painesville, Ohio.

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Primroses, Forbesii, Obconica alba, rosea and Ruby, 2 1/2-inch pots, \$1.50 per 100. Obs. Gigantea, 2 1/2-inch, \$2 per 100. Jos. H. Cunningham, Delaware, O.

Primroses, Chinese, 4-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

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18-24 in., light.....10c \$0.75 \$ 3.50 \$ 30.00
2-3 ft.15c 1.00 7.50 60.00
3-4 ft., heavy.....20c 1.25 10.00 75.00
4-5 ft., heavy.....30c 1.50 12.00 100.00
Also see our ads under spirea and Berberry. Send today for our complete price list.

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California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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RHODODENDRONS.
Kate Waterer, pink; John Walter, red; Mme. Carvalho, white; Sir Henry Havelock, red; 6-10 buds, 12-18-in., \$1 each; Catawbiense Grandiflora, crimson, purple, scarlet, 10-12 buds, 15-in., \$1 each; Pink Pearl, White Pearl, 6-8 buds, 18-21-in., \$2 each. All heavy, vigorous stock in fine condition, balled and burlapped. F. O. B. Duodee, Terms cash.

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FIELD-GROWN ROSES.—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering, December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Rose Champ Weiland, own root: 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago, Ill.

ROSES, 2-year field-grown Selected Dorothy Perkins, \$8 per 100. H. P. STRECKFUS, Syracuse, N. Y.

Roses. Send for list. The E. G. Hill Co., Richmond, Ind.

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WINTER ORCHID—FLOWERING SWEET PEA SEED.—I have still some of the best money makers on hand: Mrs. A. A. Staach, clearest pink; Pink and White Orchid, White Orchid Orchid Beauty, the clearest dark rose. Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 ozs.; \$18 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Fraak Dolby, lav.; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLANER, Sweet Pea Ranch, Lompoc, Calif.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

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Strong 2 1/2-inch stock, \$1.75 per 100. JOHN KRUCHTEN CO., 162 North Wabash Avenue, CHICAGO, ILL.
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SMILAX, strong plants, 3-inch pots at \$4 per 100. HENRY SMITH, Grand Rapids, Mich.

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WE OFFER SPIREA VAN HOUTTEI.
Each Ten 100 1,000
2-3 ft.15c \$1.00 \$7.00 \$60.00
3-4 ft.20c 1.25 8.00 75.00
Send today for our complete price list. Also see ads under Privet and Berberry. AURORA NURSERIES, Telephone 339. Aurora, Ill.

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SWAINSONAS, white, 4-inch pots, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

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Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

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Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Field-grown Vinca Variegata, ready for 5-in. pots, \$5 per 100; ready for 4-in. pots, \$4 per 100; field rooted layers, 90c per 100; \$8 per 1,000. Cash. H. A. COOK, OBERLIN, O.

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Meet your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

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Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

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Aphioe, \$1 per qt.; \$2.50 per gal. Fungiae, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

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Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

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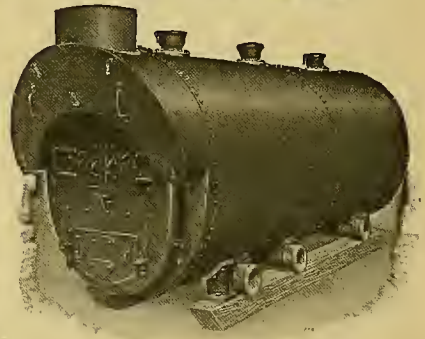
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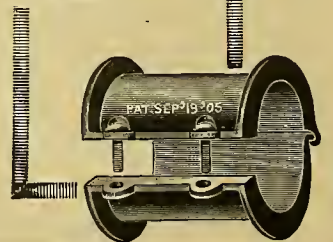
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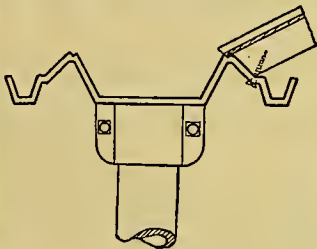
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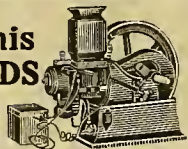
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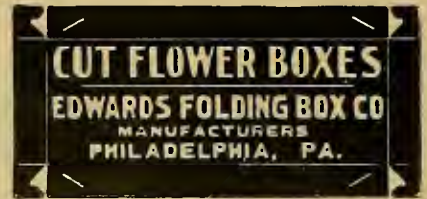
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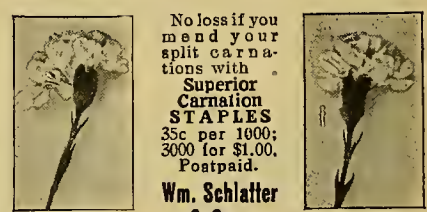
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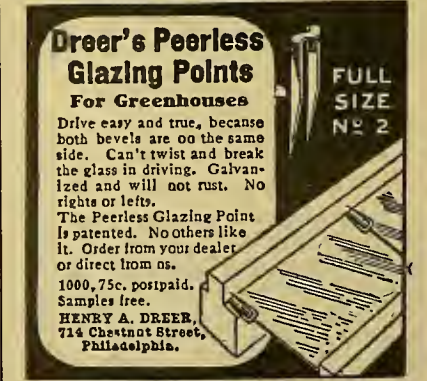
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Vol. XLV.

CHICAGO AND NEW YORK, DECEMBER 4, 1915.

No. 1435

THE AMERICAN FLORIST

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The American Florist

CHRISTMAS NUMBER

**WILL BE ISSUED
NEXT WEEK.**

Just right for the Christmas
and Holiday Trade.

Please Mail Advertisements and
News Items as Early as possible.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

Suggestions for Plant Growers.

Azaleas.

Keep the azaleas well spaced out as they begin to come into flower. The buds should be swelling rapidly and beginning to show color by early December. Never allow the plants to suffer for water and where any are shipped out or carried into the residences they should be well watered before being taken out of the greenhouse. All plants that are sent away should be safely covered, and with azaleas it must be taken into consideration that they have been grown in a very warm temperature, and they chill easily. Plants that are forced as hard as these are to have them for the holidays, are damaged very quickly if they get chilled, even if they do not get frost-bitten. We have known azalea plants to look all right when undone, but the blooms wilted and never came out. Six to eight thicknesses of newspaper with a heavy outside paper should always be used in doing up these plants and more if the weather is severe. If the plants are not far advanced enough to have them in for Christmas a little higher temperature will be required, for to have them in at that date is a necessity in order to get the best price. Watering or syringing with warm water will assist some, but we do not like to do this unless absolutely necessary to get them in on time. Plants that are too far advanced can be moved into a cooler house, which will greatly benefit them for house culture.

Cinerarias.

As fast as these plants require it they should be repotted and shifted to larger-sized pots. They are growing rapidly and should receive no check or they will become stunted. Keep them in a cool temperature, that they may be strong and sturdy, and above all things now do not crowd them, but space them out often; when the leaves begin to touch go over the bench and space them out. These plants are beautiful in early spring if well grown, but if they become crowded and get drawn they are but poor specimens.

When the larger plants begin to show their buds, if they are in as large pots as can be easily handled a watering of liquid manure will help them finish their flowers. They are strong growers and great feeders and where the pots are full of roots will need a little stimulant. Constant watchfulness for aphid is required in growing these plants. Frequent fumigations will be necessary or standing on tobacco stems will keep the insects in check.

Poinsettias.

The plants are now forming their showy bracts and the worries of the grower are nearly at an end, for if they have come through to this time in good condition the disposal of the plants and flowers is all that remain. Until the highly colored leaves have attained their full size, however, the same equal temperature should be maintained and then if found advisable a little drop in the temperature can be allowed, but it is far better to do this gradually and not subject the plants to too sudden a variation. The plants should now be all neatly tied to a stake and, as before remarked, the neater the stake the better the appearance of the plant. It always has seemed strange to us that a grower will spend time and money in producing a crop and then spoil the appearance or the best sale of the plant by using a cheap ill-looking auxiliary in attempting to save a penny. These plants can be disposed of at a good remunerative price if properly handled, and nice-looking, painted stakes can be afforded. The plants grown for cut blooms should be kept tied erect that they may have straight stems. In the cutting and marketing of these blooms much disappointment and failure has been experienced by many growers, the bracts wilting very soon after cutting, and where this occurs they never recover. Some growers place the stems on a red hot coal immediately after they are cut and thus seal the end. Others plunge the stems in hot water, and both are said successfully to pre-

vent wilting. Another plan is to wrap the blooms in wet newspapers, similarly to the manner of handling cut adiantums, and then placing the stems in deep jars of water. It will be found necessary to adopt one of these or some other method to prevent the blooms from wilting or many will be lost.

Lily of the Valley.

It is often remarked that it is surprising more florists do not force lily of the valley for the holidays. While the forcing of this flower throughout the season had much better be left to those who make a specialty of it, for the demand during the winter is not at all steady, and for the smaller grower to attempt to grow his supply would be hazardous and probably result in so much waste that he would lose in the end. But well grown pots of lily of the valley at Christmas will always be disposed of and there is more or less demand for the cut blooms at that time, and a small amount can be grown and a good profit obtained. Well selected cold-storage pips are necessary—it would not pay to attempt to grow the freshly imported stock—and a place in the greenhouse where the pipes can be enclosed and the pots kept dark with a temperature of 80° maintained. It is not necessary to build an enclosure of wood, for bagging or old carpeting may be hung under a bench and shelves provided that will enclose a space large enough to grow what pots may be required. Three weeks with cold storage pips in this kind of an enclosure will bring it in on time, but the inexperienced grower had better take a little longer and if the flowers come too early, as soon as the bells form the pots can be moved into a

cool house and they will be much improved; in fact, they should have a few days in the light to give the foliage proper color. When the pips are received the roots should be cut so that they can be placed in the shallow bulb pans, and then planted in clean sand, the tops of the pips being just even with sand with a dozen pips in a four-inch pan or 25 in a six-inch pan. Water with warm water to settle the sand about the pips, and if they stand above the sand when it settles fill in to the top of the pips, and then place the pans in the warm enclosure. Keep the sand wet and always water at a temperature as warm as the enclosure. When the flowers begin to show, care should be taken not to wet them when watering. As soon as the first bells begin to open place them in a partly shady location in a little cooler temperature and in a day or two they can be placed in full sunlight in a house with a temperature of 60 degrees. They will then harden up nicely and keep longer.

Acalyphas.

One of the plants that is not ordinarily grown as well as it ought to be and which makes a beautiful showy plant is the acalypha, especially *A. Godseffiana* and *A. Sanderi*, which bears long spikes of red flowers, sometimes called the chenille plant, from the flowers which resemble large pieces of red chenille. The plants should be well hardened off in the fall and cuttings of the new growth can be taken during the winter, in November and December, if fine specimens are wanted. The cuttings are taken preferably with a heel and root easily in a warm propagating bench. When rooted they should be potted in a good rich soil and placed in a warm greenhouse until

they have made roots and commenced to grow, when they can be removed to slightly cooler quarters. The great mistake made by many growers is to place them in a cool house immediately after they have been taken from the propagating bed and they stand half dormant, and if too cool frequently lose much of their foliage, and get stunted. To have fine plants they should be kept moving all winter and potted into large-sized pots as soon as necessary, and a few of these showy plants well grown will attract attention and redound to the credit of the grower. Aphis and mealy bug are the two insect enemies of these plants, and should be kept in check continually or the plants will be ruined. The bedding acalyphas should be handled in a similar manner but the first of the year is early enough to start the cuttings of these unless there are signs of a shortage of stock, in which case early propagation is to be recommended, and it is seldom one has too many of these plants if they are well grown.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

MISS BLANCHE FERREE in the employ of the London Flower Shop, Ltd., Philadelphia, Pa., is said to be the first commercial woman chauffeur and claims it is the finest kind of a job for a girl, beating work in a store in a dozen different ways.

LITTLE ROCK, ARK.—Paul M. Palez opened what is said to be one of the most attractive flower stores in the south at 606 Main street, November 23. The store is handsomely equipped and decorated and there was a large stock of choice plants and cut flowers on hand for the occasion.

Speeding Up the Sales.

In the past five years there has been a great increase in the quantity of flowers grown for the market. At all favorable seasons the production of almost all kinds of flowers is far ahead of the demand, or at least it would appear so from the way in which the machinery for handling the stock clogs up, and is at times brought almost to a full stop. In spite of this condition, however, the erection of new houses goes merrily on; greenhouse establishments are being enlarged, while new growers venture in and throw their products on the already heavily loaded market. There is no question but that flowers are cheaper now than five years ago. Roses, which are the principal product, have increased in variety and in number to almost double the output of 1910. Improved methods of culture in the modern, gigantic houses, which cover from one to three acres of ground, enable the growers to produce more flowers at less cost than ever before. In other lines there has been a similar saving through improved methods, such as better houses and well planned succession of crops. With this great progress made by the producers, let us see what the men whose business it is to handle and sell this great stock are doing. How are they increasing their facilities in order to keep from getting swamped by the increased production? Do they find the public in a receptive mood, and can they be prevailed on or by any means forced, to increase their purchases?



BASKET OF AMERICAN BEAUTY ROSES AND CHRYSANTHEMUMS.

By J. H. Small & Sons, Washington, D. C. and New York



STANDING WREATH BY O. J. FRIEDMAN, CHICAGO.

American Beauty Roses, Lily of the Valley, Dendrobium, Pandanus Veitchii, Croton Foliage and Nephrolepis Fronds With Gold and Purple Ribbon.

After a careful survey of this selling force, we find there are but few in the regular trade who have risen to the situation and taken advantage of the opportunity to increase their business by handling flowers in quantity at lower figures. Prices of flowers have for a long time been in a measure, staple—about the same price at the various seasons one year with another. The recent great increase in production has, however, broken down this price barrier, and people who have hardly considered flowers before, on account of their cost, are now, because of the low prices, indulging in the luxury of a few blossoms to take home.

To buy flowers in large quantities and dispose of them quickly at a slight profit, requires for its success the thronged retail districts of any of the large cities. C. C. Trepel, of New York, has blazed the way, and by his great success, shown how it can be done. Nearly all of the prominent department stores in all the large cities now handle cut flowers or rent space to men who manage the department themselves on a rental or commission basis. As a matter of good business, it would appear that the great army of retail florists all over the land should be able to better their facilities, each according to his strength, and handle a portion of this increasing production at a profit to himself, while giving encouragement at the same time to the producer.

There are many ways in which this can be brought about. To start with, very few retailers carry the quantity of stock they should. A full and fresh assortment of flowers invites sales, while the half empty ice box loses many. The stock that "will be in soon", is not there for the customer who is in a hurry and wants to take it with him. The window display of seasonable, up-to-the-minute stock is a great help and yet, not one third of the storekeepers get anything like the results possible from this, their best advertising asset.

Then there is newspaper advertising. How many resort to this great aid to publicity? Very few. Does it pay? Look at the men who believe in it; their business increases by leaps and bounds, and the more they get only urges them on to greater efforts along the same line. Let the man whose business drags along, who is year by year just making ends meet, or perhaps not that, get himself together and try and find out what is the matter. Go over the situation carefully. Is the store bright and inviting; if not, why not? Make the necessary changes at once. Is there stock enough and do customers find the quality and assortment they require? It is useless to expect your business to increase and prosper on a "skinny" and insufficient stock of flowers. How is the window; is the glass clean and bright and does it reflect your skill with some well arranged baskets or vases, or are there just a few plants to fill up the space? The effectiveness of a well arranged window to increase sales is demonstrated every day by enterprising retailers all over the country. Take a walk around among other members of the craft, your competitors. Keep your eyes open, study the live wires, then go back and spruce up and work out a system of improvement and stick to it. The trade will soon notice the difference; men with flowers to sell will hunt you up. Customers will increase; your aggressive methods will draw

them in, and you will soon be a factor in helping to keep down the surplus. Increasing sales by buying in quantity lots and offering week-end bargains has been found to work effectually. When roses can be bought from \$12 to \$15 a thousand, they can be offered at 35 cents a dozen, three dozen for \$1, no order less than \$1 delivered. In one case, with just a notice on the glass of the window, with prices as above, 1,000 were sold the first week, 2,000 the second week and 3,000 the third, which continued until the heat of summer stopped the supply and demand. H. H. Battles, of Philadelphia, Pa., realized there was a demand for low priced flowers and has worked up a wonderful business in his Century Flower Shop. Outside of holiday times there are many busy days when over a thousand separate sales are made.

If each storekeeper would put his mind to it, there is no question but what he could devise some means to increase his business five to ten per cent, or even more, in a season. Some find it profitable to run a dollar box of flow-



New Chrysanthemum Ogontz.

ers and always have a few put up for the customer who is in a hurry. A. W. Smith Co. of Pittsburgh, Pa., have sold as many as 1,500 of these boxes in one day after special advertising. A Lange, of Chicago, has also found them a profitable feature and creator of new business. In this and many other ways that will suggest themselves to the earnest man, the business can be very materially increased, while at the same time new people are interested, which in turn encourages others, all of which makes prosperous times for the retailer, which is sure to be reflected all along the line. K.

NEW ORLEANS, LA.—J. A. Newsham and H. Schuerman, who have conducted the Orchid Store, 141 Carondelet street have dissolved partnership. The Orchid Store will be continued by the former and the latter will open the Flower Store at 106 Baronne street.

CHRYSANTHEMUMS

Notes on Recent Introductions.

Now that the chrysanthemum season is drawing to a close, it is well to review the varieties and their standing, both from the commercial and the exhibition standpoint. Growers of commercial stock report a favorable season with satisfactory results obtained, and many of the growers consider it the best season for many years past. During the month of October, the demand for first-class commercial blooms was greater than the supply, and the growers realized good prices for their flowers. Over the central states, a killing frost early in October put a stop to the outdoor flowers, causing a demand for the early chrysanthemums, so that the grower who had his early varieties on time was well paid for his efforts. Owing to the very wet summer, causing the petals to damp and spot, many of the benches of Golden Glow and Smith's Advance were not a success, particularly those that were allowed to flower before Sept. 15, but there was very little trouble with stock after that date. We consider some of the introductions of 1914 and 1915 good additions to our list of early October flowering varieties and worthy of a place on any commercial grower's benches.

The variety, Oconto, incurred white, was well matured ready to cut October 8, and realized as much per bloom as any variety we grew. It is a fine, incurved white and a splendid grower.

Crystal Gem, white—the first blooms of this variety were cut October 5. It is a pure glistening white, a beautiful flower, but we do not consider it as good a commercial variety as Oconto.

Early Frost—Another good early white for the first weeks of October; a well formed flower, good grower and will repay an extended trial.

Polly Rose—The old standby in early whites, which we grow on the side benches where the head room is lim-



New Chrysanthemum Artista.

ited. With us it still pays as well as any chrysanthemum we grow.

Golden Queen—An early yellow with lots of substance in its petals so that it does not spot; a large bloom and good color. We shall increase our plantings of this next season.

Marigold—This beautiful golden yellow we banked on as being a wonder, but it did not come up to our expectation, but we do not consider that the fault of the variety because the writer has seen some grand blooms of Marigold. It has a very distinct growth, and I believe any trouble experienced with it the past season was due to us not being able to take the buds at the right time. We shall grow more of it next season and expect better results.

We do not have any pink variety to take the place of Pacific Supreme at its date—a good pink for early October is what we are looking for.

The variety, **Calumet**, a bright, golden bronze, at its best October 20, pleased us very much and we shall grow more of it next year for commercial purposes.

Ivory and Pink Ivory were just as good as ever this year and sold well, and considering that they can be planted closer on the benches than almost any other variety, the returns were equal to any.

Considering that the variety, **Chieftain**, is of recent introduction, it was planted in larger quantity than any other pink variety. The warm days during the latter part of October caused the color to bleach out a great deal, but notwithstanding this, Chieftain gave good satisfaction to the growers and will be a standard pink commercial variety for some time to come. It is an ideal grower for commercial cut flower purposes, has fine shipping qualities, and good stem and splendid foliage.

White Chieftain is a duplicate of Chieftain in every way except color, which is pure white, and will be a fine addition to the list of commercial varieties.

The noted standard varieties of the Chadwick family were grown in the usual large numbers, but we are under the impression that there was a falling off in the quantity of Timothy Eaton and Yellow Eaton grown.

Major Bonnaffon was to the front, as it always is in its season, and some very fine vases of this variety were staged at the exhibitions.

A few growers tried out Well's Late Pink for a midseason commercial pink and it seemed to give good success.

Dr. Enguehard appears to be passing away; the variety Chieftain, owing to its very much better growth, is apparently pushing it aside.

The writer had the privilege of seeing the chrysanthemum season at its height in San Francisco, and noted the difference between the variety of stock to be seen there and in the eastern cities, the most noted feature of which was the splendid display of the light bronze varieties to be seen in the leading retail stores in San Francisco, grand commercial blooms of fine color on long stems clothed with handsome foliage, and never has the writer seen the variety **Ongowa** in such quantity and form as seen in that city, and it certainly ought to sell well. Another old-time bronze variety, **Kate Broomhead**, was also in good shape. **Howard Gould** was another and **Mrs. J. Dunne** and **Mrs. Kelly**, of the same color, were also very fine. Another variety



BASKET OF CHRYSANTHEMUMS.

By J. H. Small & Sons, Washington, D. C. and New York.

that is largely grown for the San Francisco market is **Miss May Hunter**, a combination of pink and white, a very beautiful flower that shows up extremely well for decorative purposes.

The bronze pompon varieties are also very popular in San Francisco; most of the chrysanthemums there are grown by the Japanese growers, and they must be given the credit of trying out the new varieties. With Messrs. Plath, James and Raymond, I visited the Japanese firm of Ishida & Shibuya, at Menlo Park, Calif., and saw 30,000 chrysanthemums growing under lath and muslin. The whole stock was an even lot of well grown blooms, clean in every way, showing that up-to-date treatment had been given them.

The exhibition varieties of this year as seen at the exhibitions were mostly the well known favorites, but better done. **Wm. Turner** is still the leading white. **Odessa** is a great favorite as an exhibition yellow; **Mrs. Gilbert Drabble** and its yellow sport, **Wm. Rigby**, was in fine shape at the C. S. A. show, Cleveland. I have never seen better blooms of **H. E. Converse**, **Glenview**, **Mrs. J. C. Neill**, **F. T. Quitten-ton** and **Gen. Hutton** than were shown at the same show. **Queen Mary**, **Flamingo**, **James Fraser**, **Bob Pulling**, **Mendon** and **Nerissa** were other striking exhibition varieties at the same show.

Never before have the pompon varieties been seen in such large quantities, both in the stores and at the shows, the golden yellows and the

bronzes appearing to be in greatest demand. Owing to their fine keeping qualities, larger numbers of the pompoms are being grown every year. A few single varieties that will stand shipping should be in every collection. They are a great attraction to the customers and ready sellers, but they should be varieties that will stand up well or they will not last any time.

As soon as the season is over the stock plants should be taken care of and given a light airy bench in a cool house, kept free of insects, and held a little to the dry side, so that they may rest up a bit until the cuttings are wanted.

C. W. JOHNSON.

Smith's Exhibition Chrysanthemums.

We present herewith illustrations of two of the new exhibition chrysanthemums offered by **Elmer D. Smith & Co.**, **Adrian, Mich.**, which are described as follows:

Ogontz—A seedling from **Nakota** which it greatly resembles in foliage, and has the same whirling arrangement of petals, with size equal to its parent. The petals are decidedly grooved or channeled. Color, light primrose, height six feet. Would not advise a bud earlier than August 30, as the blooms are double from those selected in September. Practically the same as **Nakota** except color, maturing first week of November. May also be advantageously grown as a commercial maturing November 20 from buds taken September 20 and after.

Artista—This we believe is the largest exhibition variety we have ever raised and doubt if it will be surpassed by any now grown, not excepting Wm. Turner, Odessa, etc. Outer petals grooved or channeled reflex while the center ones incurve irregularly giving a very artistic appearance to the bloom. Dwarf habit, will not attain over five feet from February propagation. White with a slightly creamy tint in the depths. Best bud August 20, maturing the last days of October. All exhibition growers are bound to accept this as one of the best.

THE ROSE.

Plants for Christmas Bloom.

Within a few days the plants that have been pinched for the Christmas cutting will be breaking freely, and care should be taken to remove all the side shoots as soon as they can be rubbed out easily. One should take time to do this to avoid missing them. The finished blooms will be found much finer if the side shoots are not allowed to remain any length of time after breaking. It is also very essential to remove the lateral buds carefully, not waiting too long, as after the lateral buds begin to draw up, from then on they are materially reducing the size of the main blooms. Very often there may be found a bud with a crooked neck, or malformed in some way that can be removed, letting one of the side buds or laterals take its place, usually producing just as fine a flower a week or two later; so by constantly going over the plants carefully, one learns to take care of these little details almost mechanically.

Watch every plant closely; make it a regular practice of going through the houses daily. It does not make any difference how trustworthy your employes are, or how busy you may be elsewhere, you owe it to your employes. Your being familiar with the condition of your stock and general equipment, puts you in a position to direct the work intelligently and to have the work done when and how it should be done.

Now that the plants have attained their size (and at this time they should be in vigorous growth) they will require a little extra feeding. As we stated in a recent article, we think the safest and most satisfactory method of feeding is in using liquid manures, preferably good, fresh cow manure. Sheep manure is excellent, but is a very concentrated plant food and should only be used in one-third the quantity to the same amount of water as cow manure, and for the first watering the liquids should not be full strength. One should have a manure water tank large enough to furnish water for the whole range, and situated so that it will not freeze. A centrifugal or rotary pump, run by an electric motor, or if one has not the current, a gasoline or kerosene engine can be installed at a reasonable price. In this way, what used to be a very disagreeable feature, is easily and economically taken care of. Mulching is all right where one thoroughly understands the handling of it at the same time. At least one-third of the manure becomes dried up on the beds, whereas when used as a liquid there is practically no waste, and we all know what a job it is to

put on a mulch, very often having to open outside doors in cold weather, and a more disagreeable job is hard to find. A light top dressing of pulverized cow or sheep manure is fine now and then through the winter; also, a little dried blood. Tankage is good, but must be used very sparingly, and a sprinkling of good, ground bone occasionally will show good results. Select a bone flour which is more soluble. One not familiar with any of these fertilizers should first test them in a small way; take a few feet of bench or bed, here and there, and give them a trial. They are all good and perfectly safe when used properly; in fact, they have become indispensable to the up-to-date rose growers.

The grower may ask, when should I feed my plants? All plants that are growing, making new wood right along, require feeding constantly. A range that is being cropped should require feeding for each crop. If the cuts are split up, the liquid manure can be used every week, otherwise for the cropping houses the time to do the feeding we think is when the growth is well started, from then until the buds are formed. Do not use manure water on cloudy or rainy days, or apply it to a bed when the soil is dry; if in doubt, water with clean water and follow up with the liquid manure. The same rule should be applied in using any of the fertilizers, as they should always be well washed or watered in. Many good plant foods have been condemned because they were not handled at the proper time and under proper conditions. If one feeds when the plants can stand an extra heavy watering, which stands to reason should be on a good, bright day, the soil will have

just as soon as possible, using as little artificial heat as possible, and do not be too late getting the steam around at night; let the night fireman find the houses right on the dot. If your day man cannot have the temperature at the right point, the night man will have a hard time realizing the importance of an even temperature. Keep everything neat and clean around the boilers. See to it that there is no refuse lying around, such as old papers, etc.; avoid fire traps of any kind in and around the buildings, as very often a slight fire in the boiler room may kill hundreds of plants from the wood gases. Keep a lookout constantly for the betterment and improvement of your establishment, and don't let the other fellow have "anything on you" (as the saying is) as far as you go.

E.

Fourth National Flower Show.

PHILADELPHIA, MARCH 25-APRIL 2, 1916.

When the national flower show committee took a lease of Convention hall, the building in which the national flower show is to be held, they had some misgivings as to whether the show could occupy the tremendous amount of floor space presented. Subsequent preparations, however, have shown that instead of being too big, the hall is really too small, consequently, the floor plan as originally arranged, has had to be altered to accommodate the pressure already felt upon the space. The space set apart for the trade exhibits has been minimized, and every available inch has been relegated to the area required for the competitive exhibits. It is not too soon to state that the exhibition will fill the building completely. The national flower



J. S. WILSON FLORAL CO.'S DELIVERY AUTO, DES MOINES, IA.

a fair chance to dry out considerably, especially if the watering is done early in the day.

Just a few more reminders: Syringe early, air the house gradually after the houses reach a temperature of 70 degrees. Do not syringe the plants with the temperature of the house below 70 degrees. Use a spraying nozzle, giving force to the spray, and get well under the plants. Water afterwards; do not try to water and syringe at the same time, and it will be found far more satisfactory to make two separate jobs of this important work. Bank the fires

show committee advance the idea of "show first," therefore other interests must give way. Those who have already taken space in the trade section have acted wisely, for even at this early date the space available for trade displays is nearly all reserved, and it is only a matter of a few weeks before all the space will be taken up. Among those who have contracted for space are the following:

H. F. Michell Co., Philadelphia.
Henry A. Dreer, Inc., Philadelphia.
A. N. Pierson, Inc., Cromwell, Conn.
Jos. Heacock Co., Inc., Wyncote, Pa.

Arthur Cowee, Berlin, N. Y.
 Bon Arbor Chem. Co., Paterson, N. J.
 J. L. Dillon, Bloomsburgh, Pa.
 Coldwell Lawn Mower Co., Newb'gh.
 T. Meehan & Sons, Germantown, Pa.
 Alphano Humus Co., New York.
 Cloche Co., New York.
 F. R. Pierson Co., Tarrytown, N. Y.
 Lord & Burnham Co., N. Y.-Phila.
 George L. Stillman, Westerly, R. I.
 Spencer Heater Co., Scranton, Pa.
 Richm'd Cedar Wks., Richmond, Va.
 Hitchings & Co., Elizabeth, N. J.
 W. Atlee Burpee & Co., Philadelphia.
 Metropolitan Material Co., Brooklyn.
 Galloway Terra Cotta Co., Phila.
 Benjamin Hammond, Beacon, N. Y.
 S. S. Skidelsky & Co., Philadelphia.
 The Pfaltzgraff Pottery Co., York, Pa.
 Gude Bros. Co., Washington, D. C.
 Robert Craig Co., Philadelphia.
 Conard & Jones Co., West Grove, Pa.
 S. S. Pennock-Meehan Co., Phila.
 Julius Roehrs Co., Rutherford, N. J.
 R. & J. Farquhar & Co., Boston.
 W. K. Harris, Philadelphia.
 Bobbink & Atkins, Rutherford, N. J.
 John A. Evans Co., Richmond, Ind.
 Vaughan's Seed Store, Chicago-N. Y.
 Knight & Struck Co., New York.
 The Florists' Exchange, New York.
 B. Hammond Tracy, Wenham, Mass.
 Kirke Chemical Co., Brooklyn, N. Y.
 Andorra Nurseries, Philadelphia.
 Charles Grakelow, Philadelphia.
 S. P. Townsend & Co., Orange, N. J.
 M. Rice Co., Philadelphia.
 John Kuhn, Philadelphia.
 H. Bayersdorfer & Co., Philadelphia.
 Harry S. Betz, Philadelphia.
 Jos. Neidinger & Co., Philadelphia.
 Chas. Henry Fox, Philadelphia.
 Voltax Paint & Varnish Co., Phila.
 The Garland Co., Cleveland, O.

The schedule committee has just completed the second preliminary schedule, and the same will be mailed to those interested in a few days. The prizes offered approximate a grand total of \$20,000, eclipsing the schedules of all preceding national flower shows. The bid for feature exhibits is well exemplified in the offer of \$600 for rose gardens, with a prospect of the prizes being increased to \$1,000 in this class.

JOHN YOUNG, Sec'y.

New York Flower Show.

In recognition of the public interest attaching to New York's big flower show to be held April 5-12, 1916, the park department of the city of New York, through Commissioner Cabot Ward, has communicated to Secretary John Young, its intention of staging an exhibit at the forthcoming show which shall at least equal the magnificent display made at last spring's show. An exhibit of this character is greatly appreciated by the management, because it reflects in great measure the interest taken in floriculture by our civic government whose efforts to promote the love of flowers and plants among its citizens need no exploitation. It goes without saying that Park Superintendent J. H. Beatty will seek to eclipse his former staging by making the "people's exhibit" one of the most noteworthy in the exhibition. Space in the trade section is being taken up readily, and this section of the show bids fair to be larger than in former years. The following have made reservation for space:

Max Schling, New York.

Julius Roehrs Co., Rutherford, N. J.

Bon Arbor Chem. Co., Paterson, N. J.
 Woodrow & Marketos, New York.
 George L. Stillman, Westerly, R. I.
 John Scheepers, Inc., New York.
 Alphano Humus Co., New York.
 Arthur Cowee, Berlin, N. Y.
 Wm. T. Leary, New Rochelle, N. Y.
 A. T. Bunyard, New York.
 J. M. Thorburn & Co., New York.
 Aphine Mfg. Co., Paterson, N. J.
 Bobbink & Atkins, Rutherford, N. J.
 G. E. M. Stumpp, New York.
 H. A. Bunyard Co., New York.
 S. P. Townsend & Co., Orange, N. J.
 F. R. Pierson, Tarrytown, N. Y.
 C. H. Totty, Madison, N. J.

the interest taken in this class, the stagings will be much more magnificent in their appointments than at the last show.

It is to be pointed out that the class calling for "new Holland plants" is not to be interpreted literally. The meaning is that the plants to be offered in this class are to be what are known as new Holland plants, such as tree ferns and the flora of Australasia. Why this term should continue to be customary is beyond comprehension. Australia, as a name, needs little explanation nowadays.

JOHN YOUNG, Sec'y.



THANKSGIVING SHIPMENT OF CUT FLOWERS

Made by H. G. Berning From St. Louis, Mo., to Western Points.

B. Hammond Tracy, Wenham, Mass.
 Stumpp & Walter Co., New York.
 A. N. Pierson, Inc., Cromwell, Conn.
 I. J. Stringham, New York.
 W. E. Marshall & Co., New York.
 Reed & Keller, New York.
 Miller & Doing, Brooklyn.
 Knight & Struck Co., New York.
 Coldwell Mower Co., Newburgh.
 The Reade Mfg. Co., Jersey City.
 V. & R. Industries, New York.
 Sharonware Work Shop, New York.
 Metropolitan Material Co., Brooklyn.
 A. Kottmiller, New York.
 Scott Bros., Elmsford, N. Y.
 Doubleday Page & Co., New York.
 Japanese Perfume Co., New York.
 The Cloche Co., New York.
 E. C. Brown Co., Rochester, N. Y.
 H. Langelere, New York.
 A. L. Miller, Brooklyn.

A. J. Jerome Craft Shop, New York.
 The committee on schedule is considering the classes as set forth in the preliminary schedule, and will shortly prepare the final schedule. The preliminary schedule should convey the idea that the management is making a feature of displays. The rose garden display will be most notable in the classes looking to the artistic end of the show. Considerable interest also attaches to the rock garden class. During the fall planting season, growers intending to compete in this class were busy over the problem of what to grow, and it is safe to say that we shall see many plants strange to American flower shows.

What was perhaps the most interesting feature of the last show—the table decoration class for hotels only—will be given similar prominence in the forthcoming show. Judging from

Philadelphia.

INCREASE IN THANKSGIVING DEMAND.

The feature of the past week was the increased demand for Thanksgiving day. As the third best holiday in the year for the florist, its reputation was sustained by the large business transacted. Every branch of the business was worked to its full capacity, and while there appeared an abundant supply of almost everything, yet at the close of the holiday there was little left to carry over. As is usual there was an increase of about 25 per cent in price in the newer roses, of which there was not enough to go around, red being particularly scarce. It is the harvest, or clean up time for the chrysanthemum, and large quantities were sold. Some growers aim to cut everything salable for Thanksgiving, counting on the large demand to give them fair returns. For some reason chrysanthemums are later this season than usual, several growers saying this is the case with them, as some of their late varieties could be easily held for Christmas. Carnations sold very well at about 25 per cent increase and the quality is steadily improving. The only thing the wholesalers missed on was the violets, \$1.50 being asked early on Wednesday for New York doubles, but later in the day \$1 was the quotation. Singles sold at about the same price for the best stock. Cattleyas were in demand, but nothing doing, or so little that it amounts to nothing—any kind of a decent flower brought \$1 wholesale. There were very few gardenias; just a handful which were divided among the stores who buy them all the time. Lily of the valley was in good supply and sold well. There was very good mignonette; also stevia, the latter being a very popular flower with nearly all flower buyers. There was a very good shipping

trade, all the dealers packing large quantities of stock for out of town orders. Blooming plants sold very well in the stores, particularly cyclamens and pot chrysanthemums. The Robert Craig Co.'s cyclamens, which supplied most of the stores, were never so fine at this season, six-inch pot plants, with 8 to 12 blooms, being the rule.

NOTES.

On Tuesday, December 7, the last meeting of the florists' club this year, there is to be a debate—"Is it wise for the producer to depend entirely on the enterprise of the retailer for marketing his products?" Here is another straw man set up to be knocked down, and a great victory acclaimed. Charles Grakelow is down for the affirmative, while W. Frank Therkildson is to say no and prove it. The novelty committee expects exhibits of a number of new roses, which will be well worth seeing.

Robert A. Craig, who made a flying visit to the Cleveland show, said he would not have missed it for 10 times the cost; it was educational to a degree. He attributed the great success of the show to the getting together of the whole trade, who pulled together as one. He thinks the trade in that city will be very materially increased by this exhibition.

The trade heard with sorrow of the death of W. Atlee Burpee. Wonderfully wide awake in business, always striving for the best in everything; kind and genial to his associates and those he came in contact with—a man whom to know was to honor.

White lilac and cypripediums are head liners with the Leo Niessen Co. American Beauty roses are also a feature. Thanksgiving business here was a record breaker.

Mrs. Sawyer is a winner with Edward Reid, who handles this rose in quantity. American Beauties and high grade lily of the valley are also features.

The Ophelia is now the best seller. A number of growers got in on this new one and are likely to show good money returns when the season is over.

At the Berger Brothers' market good Bonnaffon chrysanthemums are still the feature. Lily of the valley and orchid sweet peas are conspicuous.

The M. Rice Co. is much elated with their Cleveland business; they are now pushed to the limit for the holiday trade.

H. A. Dreer, Inc., are handling an immense quantity of table ferns. The *Adiantum cuneatum* is particularly fine.

One wonders at the scarcity of catleyas and gardenias. Are they being "salted down" for Christmas?

The Philadelphia Wholesale Cut Flower Co. is rich in violets, handling some very fine singles. K.

Detroit.

EXCEPTIONAL THANKSGIVING TRADE.

Thanksgiving day trade was highly satisfactory and for some florists it was hard to properly handle it all. Favored by bright, cool, seasonable weather, and with all the stores made particularly attractive for the event, it was no surprise that the extent of the business was so large. Very little advertising was done, and none on the co-operative style and yet all are satisfied with the result—the growers, the wholesalers, and the retailers. Chrysanthemums easily lead all other flowers in popularity, and while no fancy prices were realized, all stock that was really good brought a good figure. The greater part of the supply of these

came from the greenhouses of Thomas Brown, Greenfield, though George Bayer, Toledo, was represented strongly by his famous Bonnaffons. These are usually sold to the retailers by the original case without inspection, so well are they known for their excellent quality and even grade. It appeared that the call for yellow in all grades was greater than for pink or white or even the two combined though for funeral purposes the white and pink were used up. Good roses were rather scarce on the market and many more could have been sold. Lilies too were a factor that contributed much to the complete supply of a full line of flowers that had by the consensus of opinion of the local florists an unprecedented call for Thanksgiving trade.

CLUB MEETING.

The florists' club meeting, Tuesday evening November 23, was attended by 25 members. Most of the time was given to the reports of M. Bloy and others who attended the Cleveland flower show. Unstinted praise was given to all features of the show and the energy and unusual enterprise of the Cleveland florists, who by their combined work and enthusiasm, succeeded in staging the finest array of flowers ever seen by the local trade at any fall show. Recognition was given too to the great hospitality extended by the Cleveland "boys" to the trade visitors. Inspired by the success of the "Forest City" florists, our local growers and retailers are ambitious to have a similar show next fall and the sentiment expressed by nearly everyone present favored the project, but realizing that we at present have no hall or public building suitable for the purpose the project will for the present remain in abeyance. A committee composed of Wm. Dilger and E. A. Fetters was appointed to ascertain if there are any prospects of an available hall in the near future. Philip Foley, Chicago and J. M. Brown, New York, who were present at the meeting, also praised the Cleveland show and encouraged our florists to have a similar show next fall. M. Bloy, who was one of the judges of the Cleveland show, was appointed by President Danzer as permanent judge for the club to pass upon all novelties and exhibits as they appear at our meetings. He awarded the club's certificate of merit to Fred Pautke, Grosse Point Farms, who showed a beautiful yellow pompon at the meeting. This variety, which makes its initial appearance this fall, is acquired by John Breitmeyer's Sons, who will grow it for a few years for their exclusive use before disseminating it.

M. Bloy announced his partnership with Jos. Streit, a former well known grower of Buffalo. The new firm will make a specialty of plant growing, and will soon build a new range of glass to extend their business to the supply of the local trade as well as their fast developing retail trade. Mr. Streit's application for membership in the club was received.

J. F. S.

AUSTIN, TEX.—The Novelty Floral Co. has opened a shop at 918 Congress avenue.

DES MOINES, IA.—According to J. S. Wilson, well-known local florist, plans will be immediately put under way for a flower show to be held in this city next year.

DULUTH, MINN.—Claiming that a leaking city gas main communicated to his greenhouses and killed 5,300 rose plants, J. J. Le Boriux has filed claim for \$8,240. Loss of business is also included in the complaint.

OBITUARY.

Washington Atlee Burpee.

Washington Atlee Burpee, the well-known seed merchant of Philadelphia, Pa., and founder of the firm of W. Atlee Burpee & Co., died at his home at Fordhook Farms, Doylestown, November 26, from an affection of the liver. He had been in ill health for three years but for the last two months his condition has been critical. Two weeks ago his condition was reported serious but early last week he rallied only to relapse Thanksgiving morning. Before Mr. Burpee was taken to his home in Montgomery County he was treated for several weeks at the Ritz-Carlton. Several months were spent in Wernersville recently in an effort to regain his lost health. At his bedside when he died were his wife, two of his sons, David and W. Atlee, Jr., his sister, Mrs. A. B. Scott and her husband, and Dr. Frank B. Swartzlander, his life-long friend and physician.

Mr. Burpee, son of David and Ann Catherine (Atlee) Burpee, was born at Sheffield, near St. John, N. B., April 5, 1858. His father was a physician and moved to Philadelphia when the boy was three years of age. The future seedsman was educated at the Friends' Central school and the University of Pennsylvania. In 1876, centennial year, he opened in connection with G. S. Benson, a little store at 223 Church street, dealing chiefly in fancy pigeons and poultry, Mr. Burpee having already acquired a reputation as a breeder and writer on that subject. The firm lost \$3,500 the first year, and was glad to take in a third partner with whose ideas in business Mr. Burpee differed, however, and in April, 1878, he withdrew from the firm and started by himself as W. Atlee Burpee & Co., dealing in seeds as well as birds and dogs. The second year of the first partnership just paid expenses, but the third year by himself he netted a profit of \$2,700. In 1882 the little shop in Church street proved too small and the firm moved to the present location at 475 North Fifth street, in addition to which model establishment the firm now operates seed growing and testing farms at Fordhook, Swedesboro, N. J., and Lompoc, Calif. In 1892 Mr. Burpee married Miss Blanche Simons, to whom three children were born, the other son Stuart Alexander also surviving.

Mr. Burpee made a leading specialty of sweet peas and there is a long list of standard varieties to his credit. In addition he introduced many high grade novelties in other garden flowers and vegetables, giving particular attention to tomatoes and melons. Aside from the mail order seed business, probably one of the largest in existence, he was interested in many other commercial enterprises, more especially financial institutions of his own city. He was a life member of the Society of American Florists and in 1893 at the Chicago convention of the American Seed Trade Association he was elected president of that organization, presiding at the Toronto meeting in 1894. He was also closely identified with the affairs of the Wholesale Seedsmen's League, a former president of the American Sweet Pea Society, vice-president of the National Sweet Pea Society of England, a member of the Royal Horticultural Society and the Societe Nationale Horticulture de France. Mr. Burpee was prominent as a clubman and ardent in his convictions as a republican in politics. Ever the friend of the afflicted, with broad sympathies he was beloved by all who knew him.

The funeral was held November 29 at Fordhook with interment in Doylestown cemetery. The services were largely attended, there being a number of representatives of the seed trade from neighboring cities, while many of the local craft in all branches of the business were present. Floral tokens, most of them of the choicest flowers, almost filled the large room in which the body lay, beautiful examples of the florists' art. Elaborate pieces were received from New York, Chicago, St. Louis, Augusta, Ga., and many other cities. Representative men from the clubs and institutions in which Mr. Burpee was interested were also present.

A writer in a recent issue of the Philadelphia Public Ledger closes his eulogy with the following appropriate lines:

How fittingly this man's life closes
That, like blown petals on the grass,
In this serene time of summer's roses
He, too, should pass.
Light be the churchyard loam above him
And sweet the spring that he shall know;
There shall God's blossoms learn to love him,
Who loved them so.

AN APPRECIATION.

The following is from an appreciative notice of the late W. Atlee Burpee in the Philadelphia North American of November 27:

"Many a man and woman in Philadelphia will choke up today when W. Atlee Burpee's death becomes known. Many of these will be folk widely known within and far beyond this city, for his circle of friends included nearly every personage of affairs. And quite as many are unknown to the great mass, for the heart behind his ever-open hand made no distinction.

"Together, the rich and the poor will be sad over the passing of this most generous man. For of him it may be said, as of few who have succeeded in like degree, that he never turned from those who needed either his counsel, his assistance or his friendly guidance.

"Though he came to be known as a leader in his line of business, his finest achievement was the cultivation of a nature so thoughtful for others, whatever their place or portion, that every one who came within its radiance was warmed by it and in some measure inspired to kinder thinking and doing.

"Of course, he was human, a man of iron will and inflexible purpose; and his keen insight into human nature and strong mentality made his opinion of value on many subjects foreign to his chosen task. But the thing one carried away from him was a remembrance of a generous thoughtfulness such as too seldom is met."

CHICAGO RESOLUTIONS.

At a meeting held at the Hotel Sherman, Chicago, November 29, resolutions on the death of the late W. Atlee Burpee were adopted as follows:

Whereas, The death of W. Atlee Burpee, of Philadelphia, Pa., has taken from us one of our most earnest co-workers in the cause of horticulture and one whose high standard of business ethics has aided materially in advancing the trade to a higher plane, we, the undersigned, representing the Chicago Seed Trade, the Horticultural Society of Chicago and the Chicago Florists' Club, desire to place on record our high appreciation of his life work and it is therefore

Resolved, That we consider the services of W. Atlee Burpee in his chosen field, particularly his work in sweet peas, and garden flowers and vegetables generally, worthy of the greatest prominence in the annals of American horticulture, and it is further

Resolved, That we extend to his

family and business associates our heartfelt sympathy in the great loss they have sustained. It is further

Resolved, That signed copies of these resolutions be forwarded to his family and business associates.

CHAS. DICKINSON,
The Albert Dickinson Co.
J. C. VAUGHAN,
Vaughan's Seed Store.
ARNOLD RINGIER,
The W. W. Barnard Co.
SIMEON F. LEONARD,
Leonard Seed Co.
O. L. COULTER,
C. C. Morse & Co.
CHAS. HOLLENBACH,
For Peter Hollenbach.
W. N. RUDD,
Pres. Hort. Society of Chicago.
W. J. KEIMEL,
Pres. Chicago Florists' Club.



The Late Mrs. Chas. E. Critchell.
Former President Ladies' S. A. F.

August Gontram.

August Gontram, an expert grower making a specialty of violets and sweet peas, with both of which he was very successful, died at his home in Philadelphia, Pa., Sunday, November 28. He was a native of Alsace-Lorraine, migrating to Canada about 30 years ago, and shortly after became a resident of Philadelphia, accepting a position at the Convent of the Sacred Heart at Torresdale. About 15 years ago he purchased greenhouses on Rowland avenue near Rhawn avenue, Holmesburg, and these he conducted with great success. The funeral services were held Wednesday, December 1, and there were quantities of the flowers he loved so well, the services being largely attended by his friends in the craft.

Frank Glatzl.

Franz Glatzl, for the past 14 years employed as a gardener and florist by G. E. M. Stumpp, Fifth avenue and 58th street, New York, died November 24. Several weeks ago he received an injury while placing a window-box, resulting in lockjaw, which caused his death. He was about 40 years old and a native of Austria. He was a capable and energetic man and esteemed by his employer. He is survived by a wife and two children.

A. F. F.

Mrs. Emma Critchell.

Mrs. Emma Critchell was called suddenly by death, Monday morning, November 29, 1915. Her illness had been only of a few days' duration. Twelve years ago she married C. E. Critchell. Mrs. Critchell took a very keen interest in the florist business and by her kind and friendly traits formed many lasting friendships. She was a life member of the Ladies' S. A. F. and an ex-president thereof. Her husband, C. E. Critchell, and a son, C. E. Critchell, Jr., survive her. The funeral services were held at Spring Grove chapel on Wednesday afternoon and the burial in beautiful Spring Grove cemetery.

H.

WACO, TEX.—Wolfe, the Florist, arranged a very attractive floral display at the Cotton Palace, many visitors declaring it the finest display of flowers and plants ever seen in the south.

BROOKINGS, S. D.—Fully 10,000 persons attended the annual chrysanthemum show at State College. About 40,000 blooms of every color and description represented 340 distinct varieties.

COLUMBIA CITY, IND.—The North Side Greenhouses, owned by Elmer Cox, of Columbia township, were sold November 23, to Charles S. Adair, of Fort Wayne, for a consideration which was given out as \$10,000.

DES MOINES, IA.—The flower shop of Lozier, the Florist, Inc., 521 East Locust street, which has been remodeled, and is now one of the most attractive in the state, was thrown open to the public, November 20.

MILWAUKEE, WIS. — The handsome new East Side store of the Edlfsen-Leidiger Co., at 419 Milwaukee street, was opened December 1. The establishment is one of the most attractive in the city and is in charge of Miss Semler.

NORTH YAKIMA, WASH.—Howard Wright, of this city, was elected president of the Washington State Horticultural Association and North Yakima selected as the next meeting place at the closing session of the annual meeting November 17.

DAYTON, O.—Members of the Florists and Gardeners' Club have decided to reserve the entire north end of the sixth floor of the new Delco building, in which the Dayton Industrial exposition will be held January 14-22, for a flower show.

TOPEKA, KAN.—James Hayes, whose flower shop at 819 Kansas avenue was damaged by fire November 24, was able to take care of all orders for Thanksgiving, his fellow florists lending him all possible assistance when they learned of his misfortune. New fixtures have been ordered.

TORONTO, ONT.—At the annual meeting of the Gardeners' and Florists' Association of Ontario, held at St. George's hall, November 16, the following officers were elected for the ensuing year: L. Whytock, president; Geo. Thompson, first vice-president; T. J. Gould, second vice-president; Geo. Douglas, secretary; Geo. H. Mills, treasurer.

SAN FRANCISCO, CALIF.—Julius Epstein began suit against V. Matraia of the Art Floral Company, November 20, to compel him to turn over to him one share of the capital stock in the Art Floral Company, so that Epstein may hold the same number of shares that Matraia holds. A contract whereby each was to hold the same number of shares is cited.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE dates of the American Carnation Society's St. Louis convention and exhibition are January 26-27.

ENGLAND is prosperous now in the cut flower trade because no blooms are being shipped from the south of France or Italy.

THE post office authorities request the public to mail Christmas packages early and call attention to the regulation by which parcel post packages may be insured.

THERE was, as usual, a good deal of pickled stock offered for the Thanksgiving trade, but the picklers as a rule were the only sufferers from this proceeding as buyers refused to take it where good material was available. In most cases this pickled stock would have brought fair prices if offered in good condition during the preceding two weeks.

AT the forthcoming international flower show, to be held at Philadelphia, March 25-April 2, the American Gladiolus Society is offering numerous prizes for forced gladioli in both commercial and amateur classes. For full particulars address Secretary H. Youell, 538 Cedar street, Syracuse, N. Y.

Society of American Florists.

APPOINTMENT OF COMMITTEES.

The following committees have been appointed by President Welch in accordance with resolutions passed at the San Francisco convention:

On amendment to by-laws providing for selection of convention city two years in advance—Theodore Wirth, chairman, Minneapolis, Minn.; W. A. Manda, South Orange, N. J.; John F. Huss, Hartford, Conn.

On Publicity—Irwin Bertermann, chairman, Indianapolis, Ind.; J. C. Vaughan, Chicago; Ed. P. Tracey, Albany, N. Y.; H. Penn, Boston, Mass.; Ralph Ward, New York.

On Development of American Products—H. P. Knoble, chairman, Cleveland, O.; C. W. Ward, Eureka, Calif.; E. H. Wilson, Boston, Mass.

On National Credit and Collection Bureau—F. H. Traendly, chairman, New York; W. F. Kasting, Buffalo, N. Y.; S. S. Penneck, Philadelphia, Pa.; N. A. Benson, Denver, Colo.; Fred'k A. Danker, Albany, N. Y.; Geo. W. Smith, Cleveland, O.; Thos. Roland, Nahant, Mass.; F. L. Atkins, Rutherford, N. J.; Hans Plath, San Francisco, Calif.

DEPARTMENT OF REGISTRATION.

Public notice is hereby given that the Conard & Jones Co., West Grove, Pa., offers for registration the cannas mentioned below. Any person objecting to the use of the proposed names or registration is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Canna LaFayette—In some respects it resembles the famous Meteor, but the flowers are a more intense scarlet. The heads of bloom are carried erect above the healthy, green foliage, producing a brilliant effect in mass planting.

Canna Windmar—This is rather dwarf in habit; the flowers are medium in size, fine rounded petals; color, clear distinct orange, broadly margined with canary-yellow. An early and free bloomer, self cleaning, erect trusses carried well above the foliage, which is a marine shade of green. Parentage, Buttercup x seedling.

JOHN YOUNG, Sec'y.

Iowa's Floral Industry Grows.

In the 10 years between 1903 and 1913 the total valuation of greenhouse property in Iowa has grown from \$320,000 to \$657,000 or more than 100 per cent. Now the value approaches a million dollars. At present about 3,500,000 square feet of ground area are covered by glass, distributed among 165 different firms. Iowa has two of the largest commercial greenhouses west of Chicago and it can also claim leadership in college equipment of greenhouses for the development of the industry. Florists have for some years been asking the State College at Ames to take up the study of their problems and train young men for this line of work and they are enthusiastic because it now has been undertaken so fully.

Thanksgiving Business.

Thanksgiving business for 1915, based on reports received from all sections of the country, has been highly satisfactory, both in volume of sales and prices. While the supply of stock in nearly every instance was plentiful, the increased demand resulted in many cases of a complete cleanup to the last flower before the close of business. Yellow chrysanthemums were the leaders in popularity, while the pompons were a close second, showing they are gaining in favor each year. Roses, carnations, and in fact flowers of every variety were in demand, and quality stock moved out first. Prices, as a rule, were reasonable, and ideal weather stimulated sales, until in some cases, the increase noted over the business for the corresponding period a year ago is reported as high as 30 per cent and in one or two instances even greater. The trade generally seems well pleased with this year's Thanksgiving business and anticipates a splendid holiday season.

National Association of Gardeners.

Everything is in readiness for the annual convention of the National Association of Gardeners, which will be held in Boston, Mass., December 9-10. The committee on arrangements, W. N. Craig, Duncan Finlayson and William J. Kennedy, announces that the convention will be opened in Horticultural hall promptly at two o'clock on Thursday. That day will be devoted to the disposing of the business before the convention. Friday will be given up to visiting points of horticultural interests in and around Boston. The Copley Square hotel has been selected as the headquarters of the association. A committee, of the horticultural interests of Boston and the Gardeners' and Florists' Club of Boston, is planning to make the visit of the gardeners to their city a memorable one.

Plant Pathologist Examination.

Announcement has been made that the United States civil service examination for plant pathologist in citrus fruit diseases, for men only, will be held January 1, 1916. From the register of eligibles resulting from this examination, certification will be made to fill a vacancy in this position in the Bureau of Plant Industry, Department of Agriculture, Washington, D. C., at a salary ranging from \$2520 to \$3000 a year.

Cornell University Floricultural Course.

Four courses are being offered in the current term of the winter course at the college of agriculture, Cornell University, Ithaca, N. Y., which opens November 9, namely, Commercial Floriculture and Greenhouse Practice, Commercial Greenhouse and Conservatory Construction and Heating, Gardening and Garden Flowers, and Amateur Floriculture. Through the kindness of a former student in the winter course, at the college of agriculture, \$50 are available for prizes to be given in the three main lines of work, each of which will have \$10 available for first prize and \$5 for the second prize.

CORRECTION.—The Conard & Jones Co., West Grove, Pa., write to advise that the gold medal awards to which reference was made in our issue of November 20, were not for roses, plants and shrubs, but for cannas of their own origination and introduction.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587, care American Florist.

Situation Wanted—As assistant on a private place; inside; good reference; English; age 25. Address Key 562, care American Florist.

Situation Wanted—By experienced florist in carnations, chrysanthemums, cucumbers and pot plants. Single man; 15 years' experience. Key 582, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—Assistant inside private place; 12 years' experience; good references; age, 25. Address Key 570, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 563, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By young man as assistant storeman, strictly honest sober and reliable. 3 years in the trade. Have A1 reference. Chicago or the middle west preferred. Can come Dec. 12. Please state wages in first letter. Address Key 579, care American Florist.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. PORION, Bustleton, Pa.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age, 39. W. J. HAMILTON, Seffner, Fla.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. East preferred. Open for engagement now, or by Jan. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Help Wanted—A good grower to buy half interest in well established greenhouse. Key 552, care American Florist

Help Wanted—An all-around man; must know how to drive an automobile. JOHNSON & CHRONIS, 4701 Lake Park Ave., Chicago.

Help Wanted—Competent men to pack plants, bulbs and seeds for firm doing a general freight, express and mail order business in these lines. Address, giving full particulars, Key 581, care American Florist.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

For Sale—Florist greenhouse business; good seven room house; ¼ acre lot, all in running order; going south; will give big bargain; all for \$1800. C. P. WALDO, Chillicothe, Ill.

For Sale—Well established nursery business in western Washington; splendid trade in ornamentals, both wholesale and retail. Price \$15,000. Address Key 563 care American Florist.

For Sale—14,000 feet of glass, 2½ acres of ground, 7 room cottage, barns and sheds, greenhouses partly planted to pompons, for particulars apply to, A. W. MEYER, South Holland, Ills.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For sale or Partner—Small greenhouse on seven acres choice garden soil. All or part to man having small sum of money to invest with his labor. Best location. No opposition. Address DR. F. E. GRAVES, Hinkley, Ill.

For Sale—Three greenhouses, over 3,000 feet of glass; 8 room dwelling; 7 acres good land; dwelling and greenhouses steam heated and electric lights; own water supply outfit. \$3,700 takes the place, stock and good-will. Clear title. Doing good business. A. R. ELLIS, Chittenanga, N. Y.

For Sale—Cheap. In Detroit, where life is worth living, my retail florist business, located in a good neighborhood and on the main car lines to 6 of Detroit's cemeteries; there is no competition and am doing a good business. I have other interests that demand my attention. For terms address BARTHEL'S FLOWER SHOP, 1192 Gratiot Ave., Detroit, Mich.

For Sale or Rent—Modern greenhouses, 10,000 sq. feet glass, well stocked, plants and cut flowers; good location, fine neighborhood, Milwaukee C., will sell stock and give favorable lease or sell all on easy terms. Key 585, care American Florist.

Wisconsin Retail Establishment FOR SALE.

Six greenhouses consisting of 12,000 feet of glass heated by two hot water boilers. Workshed and office in connection, with basements underneath both. Place is planted with Roses, Carnations, Chrysanthemums, Violets and pot plants, and is the only stand in live city of 5,000 inhabitants, with several good towns to draw from near by. One to ten acres of land and satisfactory terms to right party. Biggest bargain ever offered. Write for further particulars; do it right now. Hurry. Key 584, care American Florist.



WANTED

Experienced traveling salesman with ability to sell seeds. In your reply state fully your past record by whom you have been employed and full information as to what you have accomplished, together with references.

NORTHUP, KING & CO., Seedsmen
Hennepin Ave. and First St., Minneapolis, Minn.

TO GROWERS: Hickory Wood Ashes

FOR SALE. Apply at once to
CASTLE CAVE,
271-73 Seventh Ave., New York City

Chicago Park Gardeners' Examination.

The civil service board of the West Chicago park commissioners will hold examination No. 1st for the position of Gardener, Class G, Grade 11, at the Garfield park pavillion, December 28, at 9:00 a. m. The position is open to men between the ages of 21 and 50 years. Pay 28½ cents to 37½ cents per hour. Applications must be filed in the office of the civil service board in Union park before 5 p. m., December 27, 1915. Application blanks may be had by calling or telephoning (Mourne 5840) the civil service board at Union park.

Subjects: Special subject, weight of 5; experience, weight of 3; physical, weight of 2. Special Subject: To include a written and oral test on the identification, general care, planting and characteristics of trees, shrubs and perennials.

The duties of gardener include the planting, pruning and general care of trees, shrubs, perennials and outside gardens, and occasional supervision of laborers in related work.

This examination is being held in order to obtain a list of eligibles for filling vacancies in the service for the next two years. There are no vacancies at present.

FRED. G. HEUCHLING,
Superintendent of Employment.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¼x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

A HOLLY WREATH

Red and Green

FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3¾x4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color, \$1.50. The large size, one color, \$2.70.

Cash with order.

American Florist Co.
440 S. Dearborn St., CHICAGO.

Milwaukee, Wis.

THANKSGIVING DEMAND HEAVY.

The florists in general had every reason to be thankful last week, for business was so lively that everything in the cut-flower line cleaned up in good order for the Thanksgiving trade. Chrysanthemums, single and in bunches (pompons), made their last strike and it was a good one, for with roses rather scarce, the former with carnations, came in very handy for substitutes. The supply of violets, both the singles and doubles, and orchids, was rather short of the demand. Owing to the fact that carnations were plentiful the average prices asked were from 2 to 3 cents, while only a few reached the \$4 mark. Russell roses were readily disposed of at \$2 per dozen, while in American Beauties \$5 was the price asked. There also was enough stevia, but this, although somewhat green, was readily disposed of.

NOTES.

Alfred Schiller, proprietor of the Schiller Flower Shop, on 27th and Center streets, has been on the sick list, although able to be around for some time past, with stomach trouble. Report has it that he is to undergo an operation in the near future.

The retailers' colony has been increased by the addition of another new flower store, located at 12th and Center streets. Louis Plate, formerly with the C. C. Pollworth Co., at the wholesale house, together with his brother, are the proprietors.

E. O.

Cleveland.

FLOWER SHOW INFLUENCE FELT.

"The proof of the pudding is in the eating." Already the fruits of the flower show are being realized, especially if the business done on Thanksgiving day is any sign of an awakened public. Thanksgiving day business was the best we have had for several years and surely the retail display at the flower show must have created a longing for flowers for tables and vases, and general use, as never before. Advance orders early indicated that there would be a good demand, especially for pompons and chrysanthemums. Both were plentiful and of good quality. Carnations, too, cleaned up entirely, long before all orders were filled; also they were not in full crop. Roses were short of the demand. Especially was this true of Pink Killarney, Hoosier Beauty, Sunburst and Wards in the larger grades, but American Beauties specials were in good demand and the supply adequate. Medium grades, too, sold well throughout. Violets, lily of the valley, Aaron Wards and Adiantum ferns for corsages were also in excellent demand, violets and lily of the valley being short before the close of the business day. The demand for stock for nearby shipping points was very good, and it was a late hour when the packers at most of the local houses left the store on Tuesday evening. Since Thursday there has not been an over-supply of stock of any kind. Chrysanthemums, as usual, are pretty well done for on Thanksgiving, as also are pompons, and only small lots arrive from now on. Boxwood is in good demand and advance orders for later delivery are frequent; also supplies for Christmas are being ordered by nearly all florists now. There has been considerable funeral work the past week.

NOTES.

The J. Eadie Co. has dissolved partnership. The greenhouses will now be known as the Friedley Co., while the store, under the management of Frank Schoen, will move in with the Crane Candy Co. and will occupy one-half of

their store and go under the firm name of the Crane Co., beginning December 1. The Crane Co. are located on Euclid avenue, opposite the Statler hotel.

A. Graham & Son had a number of good sized orders for the Firestone funeral in Akron, Ohio, November 29 including a blanket of pink roses, besides baskets and bouquets of American Beauties, Sunbursts, violets and lily of the valley. C. F. B.

Cincinnati.

GOOD SALES AT MODERATE PRICES.

Last week's business was fairly good. There was an unusually large amount of stock in the market and this fact probably served to keep prices down to a moderate point. All stock of quality had a pretty ready sale, but the poorer grades had little or no market. Many of the shipments received were either badly pickled or badly bruised. Roses, while still in a good supply, are shortening. The colored ones and American Beauties are meeting with a very active demand. Carnations are selling well. Easter lilies and callas are plentiful. Chrysanthemums, too, are plentiful, but the receipts include only limited quantities of the very late varieties. Other offerings include lily of the valley, orchids, violets, double and single, sweet peas, baby primroses, forget-me-nots, snapdragons and narcissi.

NOTES.

Alex. Ostendorp, of the Cincinnati Cut Flower Exchange, who was confined to his home for a couple of days last week because of illness, is again at his office.

Harry Sunderhaus, of C. E. Critchell's force, is suffering from a wound in the thumb. He didn't know the "smoke wagon" was loaded.

George Klotter has been sending some excellent double stevia into the market.

Visitors: Wm. Gerlach, Jr., Piqua, O.; Jack C. Sisley, representing the McCallum Co., Pittsburgh, Pa.; Miss Louise Koenig, Portsmouth, O.; Mrs. Nettie B. Jacobs, Springfield, O., and Frank J. Farney, representing M. Rice Co., Philadelphia, Pa.

H.

New Orleans.

A meeting of the New Orleans Horticultural Society was held November 18, H. Scheuermann presiding and C. R. Panter, secretary, at his station. After routine business had been acted upon the special order of business (spring flower show) was taken up. After a general discussion by all the members present it was unanimously decided to give a show the first week in April, 1916; the exhibitors to comprise the arrangement committee. The committee consists of the following: P. A. Chopin, chairman; C. Ory, Abele Bros., J. A. Newsham, J. Steckler of the Steckler Seed Co., H. Mische, M. Scheinuck, H. Reyes, E. Farley, H. Doescher, A. Verlinde, C. W. Eichling, B. M. Wicher, H. Kraak, vice-chairman of the committee; H. Scheuermann, ex-officio; Chas. R. Panter, secretary-treasurer.

X. Grillot was unanimously elected to membership. P. A. Chopin, Mr. St. Mard and others discussed the great increase of the crop pest and the needs of greater assistance of the state authorities to eradicate same. The discussion met with unanimous approval and led to the appointment of a committee on pest legislation, viz.: P. A. Chopin, J. Steckler and C. R. Panter. This committee will appreciate any legislative data on that subject that the readers of THE AMERICAN FLORIST can afford them.

CHAS. R. PANTER, Sec'y.

For Names You Will Need

The American : :
Florist Company's

-- TRADE -- DIRECTORY

1915

Contains 548 Pages
Price \$3.00 Postpaid

THE AMERICAN FLORIST COMPANY'S Trade Directory, for 1915, fully revised, is indispensable in mailing catalogues and circulars to the trade. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America, arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St.

CHICAGO

Toledo.

AMPLE SUPPLY MEETS HEAVY DEMAND.

From reports of both growers and retailers, Thanksgiving business surpassed expectations and splendid gains were registered. The weather during the week was clear and cool but there was no shortage of stock, even with the added call for a number of weddings and social events that broke all records for Thanksgiving week. Chrysanthemums were still in good shape and were sold in large quantities. Roses and carnations were of better quality than they have been for some time.

NOTES.

S. N. Peck was very pleased with Thanksgiving business. An unusually large number of orders were filled for people from the surrounding small towns. Other prominent retailers who made substantial gains were Max Spanner, Mrs. J. B. Freeman, Miss Helen Patten, Feninger's Flower Shop, Park Floral Co. and Chas. Koelker & Sons.

The Lindley Floral Co., while only having been established a month were busy all day. Their business was immensely gratifying and the force was taxed to its utmost to care for the orders that poured in.

Schramm Bros. featured pompon baskets, selling a large number of them, which, together with four elaborate decorations for weddings, helped make their Thanksgiving trade the greatest in their history.

Tom Magee, of Scottwood Greenhouses, had no difficulty in disposing of all the better grade of chrysanthemums that he had. The demand was for a better grade of stock than usual.

Metz & Bateman report the biggest rush in their history. Funeral work has also been heavy and they have had numerous decorations for social functions during November.

Among the growers, Krueger Bros., George Bayer and Harry Heintl, report a very heavy demand for stock, having difficulty in filling orders complete in some lines.

A. C. K.

Columbus, O.

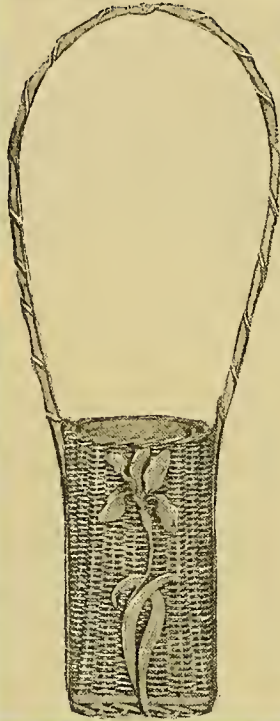
THANKSGIVING TRADE OF USUAL VOLUME.

Quite a satisfactory Thanksgiving week's business here was the rule, though it is believed not to have exceeded that of the same period a year ago. In the opinion of some florists better results might have been realized through co-operative advertising, a plan followed at a number of other special seasons. The trade appears to be widely divided on methods of pulling together for the general good. Most stores ran very low on chrysanthemums, a few being practically sold out before Thursday. Top-notch prices were freely paid by customers. Carnations and roses were stimulated by the shortage. Some new cuttings of chrysanthemums are being received this week, but the supply is light. The Eaton variety is the one principally in evidence. The season's favorite, the Chadwick, has practically disappeared. Sweet peas are fine. Violets are now a leading feature of stock. There is good range of selection in roses, with American beauties as the leader, both in popularity and price.

NOTES.

Offices of the state board of administration, located in Columbus, which has charge of all benevolent and charitable institutions run by Ohio, have been profusely decorated during the past week with chrysanthemums sent in from the Massillon Hospital for the Insane. The display consisted of a great collection of sizes and varieties. Special

Artistic Hand Painted Baskets



Most striking selection obtainable

Exceptionally fine facilities enables us to get out this high grade work at extraordinarily low prices. This stock is not to be compared with the inferior grade of baskets now being generally offered in the market. The one best way to convince yourself is to order a trial dozen today.

\$7.50 per dozen

5.40 per dozen

Difference in price is governed by size not quality. Order today.

RAEDLEIN BASKET CO.

713 Milwaukee Ave.

CHICAGO

attention is being given to flower-growing at this institution, not for commercial reasons, but on the theory that it is an aid in the treatment of mental disorders. Dr. H. C. Eyman, the superintendent, and a leading authority on insanity, testifies, as a result of his experiments, to striking benefits that have been realized through having patients spend hours in the greenhouses. Aside from the mere matter of their minds being taken up with their surroundings, contact with flowers is claimed to have a distinct restorative tendency. For the benefit of all the insane hospitals of the state this theory is to be thoroughly tested by the board through further experiments.

A mezzanine floor is being installed in the retail store of the Livingston Seed Company, for the accommodation of the offices. The space thus gained by the removal of the latter from the main floor will be utilized in the extension of the flower and bulb departments.

There are unconfirmed rumors of two new flower stores, one to go in the new Deshler hotel and the other in the Z. L. White new department store building. Both these improvements lack some months of being ready for occupancy.

J.

Ft. Wayne, Ind.

All of the florists in this city have cause to be thankful for 1915 Thanksgiving business. The demand was fully up to all expectations and the amount of stock used was enormous, with yellow chrysanthemums in the lead. Prices ranged from 75 cents per dozen for singles and pompons to \$4 for the largest varieties, the finest of these being Major Bonaffon, Eaton, Chadwick and Dolly Dimple. Thanksgiving weddings were numerous and dinners and social events created a demand for corsages, boxes of flowers and basket arrangements. All other seasonable stocks, especially American Beauties, sold well.

Retail Florists



CHRISTMAS FOLDERS

We wish to announce that our new copyrighted Christmas Folder is by far the best value we have ever offered as regards size of the Folder, different shape, quality of paper and the extra golding which gives it that Christmasy and cheery effect.

If you have not yet received a sample of this beautiful Folder, send us your name at once, for you cannot afford to let go by this opportunity to put into the hands of your customers and friends this plugger for business. Send in Your Order Early.

MCNEFF-SWENSON CO.

Floral Publicity That Brings Results
818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

NOTES.

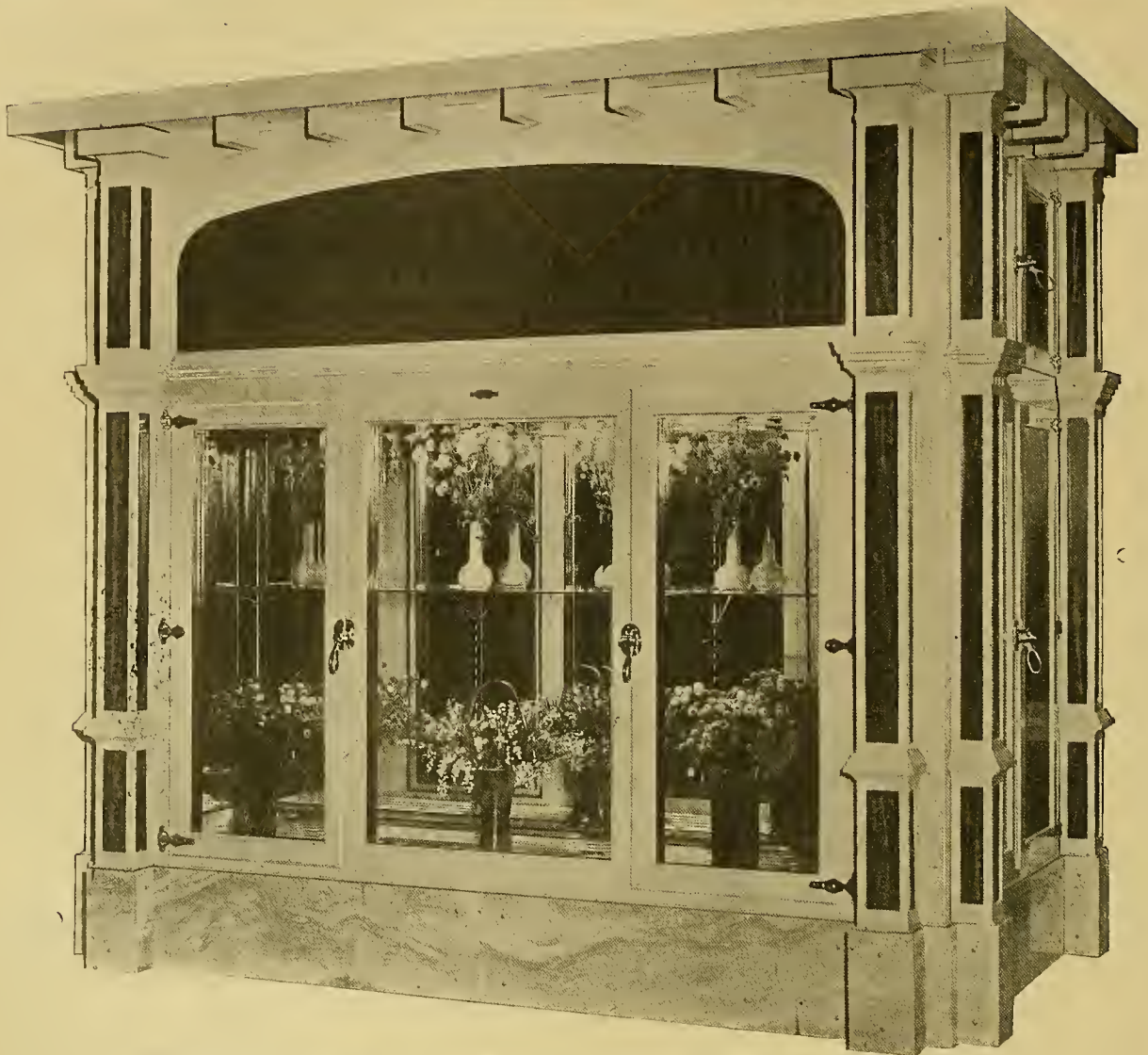
Mrs. C. D. Bradley is disposing of the fixtures of the Bradley Flower Shop, preparatory to going to Chicago, where she can be with Miss Marjory Bradley, landscape architect, who has a position on the conservation committee of the Federation of Women's Clubs of that city.

The next meeting of the State Florists' Association of Indiana will be held in this city, December 7. Headquarters will be at the Anthony hotel.

Markey Bros., the West Washington street florists, have added a new Ford delivery car to their service. They report business very good.

Miss C. B. Flick is in Toledo, O., where she is the guest of Miss Helen Patten of the Patten Flower Store on Madison avenue.

H. K.



REFRIGERATORS

We Make Them Better.

Write for Catalog.

The refrigerator shown in this advertisement is the one that was on display at the Chicago Show, Nov. 9-14, 1915, and was sold to Clody's Flower Shop, 3924 N. Clark St., Chicago, during the exhibition.

BUCHBINDER BROS.,

518 Milwaukee Avenue,

CHICAGO, ILL.

Minneapolis.

TRADE BEST IN HISTORY.

Trade in this city during the Thanksgiving period has been the best ever experienced by the local trade. In many instances the increase in sales has been from 30 per cent to 60 per cent better than last year. The market conditions were ideal—ample stock to meet all requirements and prices that were not prohibitive.

NOTES.

Lycopodium is again in the market. Powers department store, the first to start Christmas decorating, have embellished the exterior of their building with Christmas trees and greens.

Cal Rice and the Van Bochove party of Kalamazoo, Mich., returned November 29 with two nice deer and two moose. The "boys" are enjoying a big feed.

Rice Bros.' bowling team played the L. S. Donaldson Co.'s team at the Elks' alleys, December 2. W. D. Desmond is captain of the Donaldson team.

At the L. S. Donaldson Co.'s greenhouses the Christmas tone is noted, with house after house filled with blooming plants of all kinds.

Jake Kohlstad of Oscar Amundson's staff had a surprise party at Oscar's house, November 28, about 40 of his friends being present.

Azaleas have been arriving and the growers report them in about as good condition as those received before the war.

Everybody connected with the trade is talking of the show at the West hotel, December 7-11. You are invited.

The Jacobson Flower Shop has opened for business at 235 Twentieth avenue, North.

The Merriam Park Floral Co. has two houses of poinsettias showing color.

T. C. R.

RICHMOND HILL, N. Y.—An attractive flower shop has been opened by the Cross Floral Co.

The American Florist
CHRISTMAS



NUMBER



TO BE ISSUED

NEXT WEEK

JUST RIGHT FOR THE

CHRISTMAS AND HOLIDAY TRADE

—The Best Paid—


CIRCULATION

—To the Trade in the Trade—

Business is rapidly taking on the usual peace volume and is well up to the average in all sections of the country, notwithstanding war conditions. Stocks of plants and supplies in the hands of retailers are said to be unusually low and with the demand almost normal this seems an unusually good time to interest the buyers

Rates as usual, \$1.00 per inch, single column width; \$30.00 per page of thirty inches. Usual discounts on time contracts.

American Florist Co.,
440 S. Dearborn St., CHICAGO.

 Please mail advertisements early.

JULIUS ROEHRS COMPANY

RUTHERFORD, N. J.

CHOICE

Christmas Offerings

Ardisias Camellias Begonia Lorraine
Begonia Mrs. J. A. Peterson
Begonia Cinninati Dracaenas Daisies
Poinsettias Ericas Cyclamens
Azaleas Farleyense Pandanus Veitchii

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana			
	In. high	Each	Per doz.
7-in. cedar tub, 4 plants in tub, 36.....	36.....	2.50	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00	4.00
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48.....	5.00	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens			Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	24 to 28 in. high.....		1.00

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub, 6 to 7.....	34 to 36.....	2.50	30.00
9-in. cedar tub, 6 to 7.....	48 to 54, very heavy.....	6.00	
9-in. cedar tub, 6 to 7.....	5 ft., very heavy.....	8.00	
9 in. cedar tub, 6 to 7.....	6 ft., very heavy.....	10.00	

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa.

Pittsburgh.

THANKSGIVING DEMAND NORMAL.

Cold weather has set in for keeps, it seems, and this, with no abundance of sunshine, has had a marked affect on market conditions here. Both roses and carnations have been cut down considerably in supply, White Killarney being almost out of sight. Chrysanthemums seem to have seen the best of their season for this year and very few are seen these days. There are plenty of lilies and lily of the valley, and we may look for narcissi and daffodils in the near future. Winter sweet peas are beginning, but are not so strong as yet. The boxwood being handled by the local dealers is excellent this year, and already half the retail dealers have received their supply for Christmas. Ground pine and log moss are also of a very good quality. Thanksgiving business was really good, but did not smash any records here.

It was also noticed that Thanksgiving business did not get much discussion in advance of the holiday, as it usually does.

NOTES.

"Jack" Sisley, formerly of Spragg & Sisley, Washington, Pa., is now doing road duty for the McCallum Co., where he was located some time ago as a cut-flower salesman.

Geo. Wessenauer has moved his conservatory further downtown, on Broad street, Sewickley, besides building a new store in connection.

George Bros. & Co., operating a nursery business in Springdale, are preparing to open a retail shop in New Kensington in the near future.

M.

MILTON VILLAGE, MASS.—A flower shop has been opened at 61 Adams street by M. F. Gray, who conducts greenhouses on Capen street.

GERANIUMS

Strong 2-inch stock.

Nutt, Dagata, Ricard, Red Wing, Viaud, La Favorite, Jaulin, Perkins and Oberle, \$2.00 per 100, \$18.50 per 1000.

Ruby (best dark red), Gen. Wayne, Frenot, Dryden, Annie Vincent, Hill, Atlantis, Luigi Grandi and Poitevine. \$3.00 per 100, \$25.00 per 1000.

SEND FOR CATALOGUE OF GERANIUMS

F. H. DeWITT & CO.
WOOSTER, OHIO.

MINNEAPOLIS, MINN.—A record for attendance was registered at the park board chrysanthemum show when 5,500 persons visited the greenhouses at Lyndale farmstead, November 18.

SPECIAL VALUES in ARAUCARIAS



Araucaria (Norfolk Island Pine)

Araucaria Excelsa

Each

6 inch pots, 16 to 18 inches high, 4 to 5 tiers, \$0.75

6 inch pots, 18 to 20 inches high, 5 tiers, 1.00

6 inch pots, 22 to 24 inches high, 5 to 6 tiers, 1.25

Also a limited stock of 4 inch pots, 5 to 6 inches high, 30c each.

Araucaria Robusta Compacta

Each

7 inch pots, 16 to 18 inches high, 3 to 4 tiers, \$1.50

7 inch pots, 18 to 20 inches high, 4 tiers, 2.00

Araucaria Glauca

Each

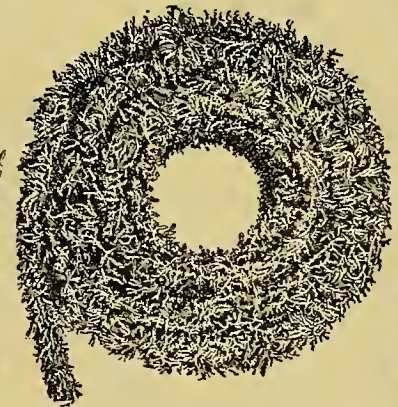
7 inch pots, 14 to 16 inches high, 3 to 4 tiers, \$1.25

HENRY A. DREER

714-716 Chestnut Street

PHILADELPHIA, - - - PA.

The above prices are intended for the trade only.



Vaughan's Xmas Holly

Evergreen and Laurel Wreathing

Boxwood, Cut Laurel, Mistletoe, Magnolia Leaves, Japanese Roping,
Cycas Leaves, Winter Berries, Immortelles, Ruscus.

VAUGHAN'S SEED STORE, CHICAGO
NEW YORK

POEHLMAN

72-74 E. Randolph St.,

'Mums-Roses-Carnations-Cattleyas

GARDENIAS--VALLEY--HARRISII WINTER BERRIES-BOXWOOD-WILD SMILAX-MISTLETOE

PRICE LIST.

ORCHIDS

Market Price

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$6.00
36 in.....	5.00
30 in.....	4.00
24 in.....	3.00
20 in.....	2.50
18 in.....	2.00
Short.....	\$.75 to 1.50

	Per 100
RICHMOND	
BULGARIA	
AARON WARD	Long..... 10.00
KILLARNEY	Medium..\$6.00 to 8.00
WHITE KILLARNEY	Short..... 3.00 to 4.00
KILLARNEY QUEEN	
" BRILLIANT	

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$2.00
GEORGE ELGAR, yellow.....	per 100, 2.00
FIREFLAME, pink.....	per 100, \$3.00 to 6.00

MISCELLANEOUS

	Per 100
Chrysanthemums, White Chadwick, doz.,	\$3.00
Pompons.....	per bunch 50c.
Snapdragon.....	\$4.00 to \$8.00
Sweet Peas, Spencer	1.50 to 2.00
Violets, double or single .....	.75 to 1.00
Stevia.....	2.00
Paper Whites.....	3.00 to 4.00
Smilax,.....	doz. \$2.00
Plumosus and Sprengeri.....	2 00 to 3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.50
Leucothoe.....	.75
Mexican Ivy.....	per 1000, \$6.00 .75

Cattleyas.....	\$ 7.
Phalaenopsis, per 100,	\$10.00 to 12.
Gardenias.....	per doz. 3.00 to 4.
Cypripediums.....	3.

CHRYSANTHEMUMS

	Per doz.
Large.....	White-Yellow \$2.50 to \$3.
Medium.....	2.
Small.....	1.00 to 1.

EASTER LILIES

Per 100.....	\$8.
--------------	------

LILY OF THE VALLEY

Per 100.....	\$2.00, \$3.00, \$4.00, \$5.
--------------	------------------------------

CARNATIONS

Best Fancy, per 100.....	\$3.00 to \$4
Medium, per 100.....	2
Short and split, per 100.....	1

WILD SMILAX

Per case.....	\$5
---------------	-----

MRS. CHAS. RUSSELL

	Per 100
Specials.....	\$20.00 to \$25.00
Long.....	18.00 to 20.00
Medium.....	12.00 to 15.00
Short.....	6.00 to 10.00

	Per 100
Hoosier Beauty	
HADLEY	Special.. \$12.00
OPHELIA	Long.... 10 00
SUNBURST	Med....\$6.00 to 8.00
MILADY	Short... 4.00

Ferns, new crop.....	per 1000, 2.50 .30
Boxwood	per bunch, 35c; box, \$7.50
Red Winter Berries.....	per box, \$1.50 to \$2 50
Mistletoe, per lb., 35c; 10 lbs.,	\$3.00; 20 lbs., 5.00
Laurel Wreathing, per yard.....	.06
Japanese Lanterns, bunch.....	.25



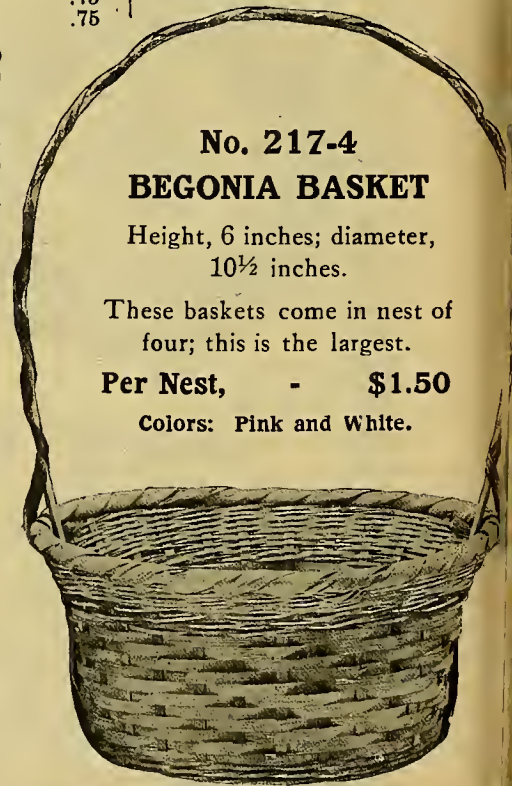
No. 218-1-2 Plant Basket.
Open Willow, Liner Included.
1-3x3, each.....\$0.25
2-4x4, each..... .35

50 Assorted Tumbler Baskets

two-toned, with Liners

\$10.00

6-in. Water-Proof Chiffon, per yard, \$0.04
Red Frieze, 60 yd. bolts, 60c per bolt



No. 217-4
BEGONIA BASKET

Height, 6 inches; diameter,
10½ inches.

These baskets come in nest of
four; this is the largest.

Per Nest, - \$1.50

Colors: Pink and White.

N BROS. CO.

ng Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants

3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana			
Single Plants			
4 inch pots,	5 to 6 leaves,	18 in. high	Each \$0.40
\$4.50 per dozen.			
6-inch pots,	6 to 7 leaves,	24 in. high	1.00
6-inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
7-inch pots,	6 to 7 leaves,	36 in. high	3.00
8-inch tubs,	6 to 7 leaves,	38 in. high	3.50
8-inch tubs,	6 to 7 leaves,	48 in. high	5.00
8-inch tubs,	6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.			

Kentia Forsteriana			
Made-up Plants			
7-inch pots,	3 plants in a pot,	28 to 30 in. high	Each \$2.00
7-inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7-inch tubs,	4 plants in a tub,	38 to 40 in. high	3.00
8-inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs,	4 plants in a tub,	50 in. high	5.00
8-inch tubs,	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Kentia Forsteriana			
Single Plants			
6-inch pots,	5 to 6 leaves,	28 to 30 in. high	Each \$1.00
6-inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6-inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
8-inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
8-inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10-inch tubs,	6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10-inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii		Each
3-inch.....	\$3.00 per doz.	
5 inch pots.....	\$1.00	
7-inch pots, 26 in. high, 34 to 36 in. spread.....	2.50	
8-inch tubs, grand specimens.....	3.50	
10-inch tubs, grand specimens.....	\$5.00 to 7 00	

Areca Lutescens		Each
8-inch tubs, 5 plants in a tub.....	3.00	

Aspidistra Lurida		Each
Green, 5 inch pots, 10 to 12 leaves.....	1.00	
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50	

Dracaena Amabilis		Each
6-inch pots.....	\$1.00, \$1.25 each	

Dracaena Terminalis Rosea		Each
4-inch pots.....	40c each; \$4.50 per doz.	
5-inch pots.....	75c each; 7 50 per doz.	

Dracaena Godseffiana		Each
Per doz.....	\$1.00	

Dracaena Baptistii		Each
6-inch.....	each, \$1.25	

Dieffenbachia Magnifica		Each
Each.....	50c, 75c, \$1.00	

Blooming and Decorative Plants

You undoubtedly will have need for the stock listed below for present use and for the holidays.

Our Crotons, Begonias and Cyclamens are unusually fine this year and we advise placing your order with us. **ORDER NOW.**

ARAUCARIA ROBUSTA COMPACTA		Each
3 tiers.....	\$1.	
4 tiers.....	\$1.50, \$2.00 and 2.50	

ARAUCARIA EXCELSA		Each
4 tiers.....	\$1.00	
5 tiers.....	1.50	
rs.....	2.00	

FERNS		Each
Boston, Roosevelt and Whitmani		
h pot.....	\$0.50	
h pot.....	.75	
ch pot.....	2.00	

PANDANUS VEITCHII		Each
A most desirable plant for Christmas baskets.		
h pot.....	\$0.35	
h pot.....	.50	

CROTONS.		Each
In finest varieties, beautifully colored and well furnished with leaves to the pot.		
h pot.....	\$.50	
h pot.....	\$.75 to 1.00	

ASPARAGUS PLUMOSUS		Each
¼-inch pot.....	\$2.50 per 100	
¾-inch pot.....	5.00 per 100	
Made-up in pans.....	\$4.20 per doz.	

BEGONIA CINCINNATI		Each
4 inch pot.....	\$ 4.00 per doz.	
5-inch pot.....	8.00 per doz.	
6-inch pot.....	\$ 9.00 and 12.00 per doz.	
7-inch pot.....	15.00 and 18.00 per doz.	

BEGONIA LORRAINE		Each
4-inch pot.....	\$ 3.00 per doz.	
5-inch pot.....	6.00 per doz.	
6-inch pot.....	9.00 per doz.	
7-inch pot.....	\$12.00, \$15.00 and \$18.00 per doz.	

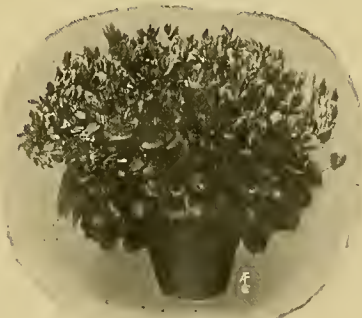
POINSETTIAS		Each
6-inch pot.....	\$.50 and \$.75 each	
7-inch pot.....	1.00 each	
8-inch pot.....	1.50 each	

TABLE FERNS		Each
Per hundred.....	\$3.50	

PRIMULA OBCONICA		Each
5-inch pot—In bloom.....	per doz., \$3.00	

AZALEAS		Each
Limited supply for Christmas delivery.		
\$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 and \$5.00 each		

SKIMMIA JAPONICA
Well berried, a splendid plant for Christmas.
\$1.00, \$1.25 and \$1.50 each



CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.
7-inch pot.....	\$12.00 and 15.00 per doz.

WE ARE GROWERS

Of Fancy Carnations and Choice Beauties and Roses.

The advantage of buying direct from the grower is well known to every florist.

PRICE LIST.

American Beauties		Per doz.
Specials, extra long stems.....		\$6.00
36 in. stems.....	\$4.00 to	5.00
24 to 30 in. stems.....	2.50 to	3.00
Shorter lengths.....	1.00 to	2.00
Russell		
According to length of stems from 75c to \$2.00 per dozen.		
RED ROSES—Reid, Richmond, etc.		Per 100
Extra long.....		\$10.00
Good length.....		8.00
Good medium.....	\$6.00 to	7.00
Good short.....		4.00
White and Pink Killarney, Brilliant, Hillingdon, Sunburst, Shawyer and Ophelia.		Per 100
Extra long stems.....		\$ 8.00
Medium length stems.....		6 00
Very good short.....		4 00
Extra special Ophelia.....		10.00

ASSORTED ROSES.
Cecile Brunner..... per bunch, 75c
Roses, our selection in lots of 300 or more at the rate of \$30.00 per 1000.

CARNATIONS. Per 100
 Pink, White, Red, extra fancy.....\$3.00 to \$4.00

MISCELLANEOUS. Per 100
 Choice **EASTER LILIES**.....\$1 50 per doz.
LILY OF THE VALLEY..... 4.00
PAPER WHITE NARCISSUS..... 3.00
ASPARAGUS SPRAYS and SPRENGERI..... 3.00
FERNS,per 1000, \$2.00 to \$2.50
GALAX, bronze and green.....per 1000, 1.25 to 1.50

All Other Seasonable Flowers at Lowest Market Prices.

All other stock at market prices. We are growers and guarantee the quality of all the stock we sell. Order early as our supply is limited to the amount of stock we can cut each day.

BASSETT & WASHBURN

LONG DISTANCE PHONE,
 CENTRAL 1457.

Greenhouses: Hinsdale, Ill., and Gregg's Station, Ill.

OFFICE and STORE,

178 N. Wabash Ave., CHICAGO, ILL.

Chicago.

A GOOD THANKSGIVING BUSINESS.

The Thanksgiving business was good, especially as far as the out-of-town demand was concerned, and compares favorably with that of last year. Stock cleaned up pretty well each day until Tuesday noon, November 23, when the market began to weaken, which was due principally to the fact that the pickled stock began to arrive and caused the local buyers to look around and pick up a bargain wherever it was offered. Roses of all kinds cleaned up quickly at good prices but there was practically no demand for carnations as far as the city buyers were concerned and it is a question whether they ever sold before at Thanksgiving at such low prices as they did this year. Chrysanthemums were in large supply and sold well at prices that could have been much higher. A large quantity of pickled stock reached the market on Tuesday and Wednesday, which would have realized better returns had they been shipped in a few days before and even on Monday when very little stock was available. Pompons were never in such large supply for Thanksgiving as they were this year and probably never sold as well at prices ranging from 25 cents to 50 cents per bunch. The large supply of pompons that was offered affected the sale of carnations according to some of the dealers, who claim that their customers who used carnations in previous years bought pompons instead this season. Violets sold well the early part of the week but dropped considerably in price around Thanksgiving time, when choice stock was available at prices ranging as low as 50 cents per 100. Sweet peas cleaned up well at good prices and the few orchids and gardenias which did arrive were quickly

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
 56 East Randolph Street
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
 56 East Randolph Street
CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

Mention the American Florist when writing

disposed of at good prices. A few Paper White narcissi were offered and the same holds good for gladioli. Some fine mignonette was among the offerings and sold well. Lily of the valley cleaned up nicely and a large quantity of California violets were offered but did not sell any too well. Taken all in all the Thanksgiving business was quite good, but not up to expectations, and more stock was handled than last year at much lower prices. Trade after Thanksgiving was good, which was somewhat surprising, for there is usually a lull after a holiday, but this does not seem to be the case this year. Every one is busy getting ready for Christmas and the supply houses now have a complete line of goods on display and many of the retail stores are already showing an advance line of begonias, cyclamens, azaleas, poinsettias and neatly made up baskets of flowering and foliage plants.

CHRYSANTHEMUMS

White—Pink—Yellow

Pompons-Roses-Carnations

Pink Snapdragons, Calendulas, Violets, Red Winter Berries, Greens, Etc.

O. A. TONNER, Wholesale Florist
 30 East Randolph Street, CHICAGO.

GREENHOUSE MANUFACTURERS DISBAND.
 Alfred Dietsch, vice-chairman of the Greenhouse Manufacturers' Club, writes as follows, November 23: "I am pleased to advise you, as vice-chairman of the Chicago Greenhouse Manufacturers' Club, that it was resolved at the last meeting to disband the above club as it had fulfilled its purpose. As you will understand this organization was originated with the idea of contributing \$500 worth of sil-

PETER REINBERG

30 East Randolph St., Long Distance Phone Central 2846 CHICAGO

Beauties-Roses-Carnations

Good supply of the same high quality that won 18 prizes out of 22 entries at the big Chicago Show, November 9-14, 1915. If you want prize-winning stock at the right prices order from us.

Buy Direct From The Grower.

CURRENT PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES

	Per doz.
Extra long.....	\$5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.50
24-inch stems.....	2.00
15 to 20-inch stems.....	\$1.00 to 1.50
Short.....	\$6.00 to \$8.00 per 100

Richmond.....	} Extra select.....	Per 100
Killarney.....		
White Killarney.....		
Killarney Brilliant.....		
My Maryland.....		
Sunburst.....	Select.....	8.00
Milady.....	Medium.....	5.00 to 6.00
Ophelia.....	Short.....	4.00

MRS. CHAS. RUSSELL

	Per doz.
Specials.....	\$2.50
Select.....	\$1.50 to 2.00
Medium.....	.75 to 1.00
Short.....	.50

ROSES, our selection..... \$3.00

Carnations.....	\$2.00 to \$4.00
Harrisii.....	10.00 to 12.50
Sweet Peas.....	1.00 to 1.50
Stevia.....	1.00 to 2.00
Valley.....	4.00
Adiantum.....	1.00
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2.50
Leucothoe, per 100.....	\$1.00

2,000,000 Feet of Modern Glass.

Mention the American Florist when writing

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Current Price List

ROSES

Mrs. Chas. Russell—	Per 100
Good.....	\$ 6.00 \$ 8.00 \$10.00
Extra Fancy.....	12.00 15.00
Ophelia.....	6.00 8.00 10.00
Sunburst.....	6.00 8.00 10.00

Killarney, White Killarney, Killarney Brilliant and Richmond—
Long.....\$6.00 to \$8.00 per 100
Medium..... 5.00 per 100
Short..... 4.00 per 100
Specials billed accordingly.

CARNATIONS, good...\$2.00 to \$3.00
Lilies..... \$10.00 to \$12.50 per 100
Lily of the Valley, \$4.00-\$5.00 per 100
Violets, double...50c to 1.00 per 100
Ferns..... 2.50 per 1000
Asparagus.....bunch, 35c to 50c each
Sprengeribunch, 25c to 35c each
Galax.....\$1.00 1000
Mexican Ivy..... 75c per 100
Boxwoodlarge bunch, 25c each
Red Winter Berries, per bunch, 25c; case, \$2.00.

Order here and get satisfaction

ver ware to the Chicago Florists' Club to be distributed as premiums at the Grand Floral Festival at the Chicago Coliseum, November 9-14. It was also resolved that we meet again when the occasion arises for such a worthy cause."

KROESCHELL BOOKS LARGE ORDER.

The A. F. Amling Co., of Maywood, has awarded Kroeschell Bros. Co. the contract for the boilers to heat its new range of houses which calls for four of their new fire and water tube steam boilers each unit having a heating ca-

capacity of 300 h. p. This is the largest single greenhouse boiler order placed at any one time in the history of the trade.

THE RETAIL TRADE.

The Thanksgiving trade in Chicago was very good and a trifle better than last year. Prices were about the same and the demand was principally for chrysanthemums and pompons. Roses sold well but were very scarce and brought good prices. Violets did not sell any too well. Sweet peas were in good demand and cleaned up at an

early hour. Orchids were scarce. Carnations had very little call, owing to the fact that pompons were plentiful and probably never sold for such low prices at Thanksgiving before as they did this year. The quality of the stock in general was very good with the exception of some pickled chrysanthemums which arrived at the last moment. Taken all in all the retail florists are well satisfied with the Thanksgiving business, for the weather was ideal, and there was plenty of stock obtainable with the exception of roses at very reasonable prices.

GOOD CROP OF BEAUTIES ROSES AND CARNATIONS

Highest Quality Obtainable and Plenty for Everyone at the Prices Listed.

Current Price List--Subject to change without notice.

BEAUTIES.

	Per doz.
Extra select.....	\$5.00
36-inch stem.....	4.00
30-inch stem.....	3.50
24-inch stem.....	2.50
20-inch stem.....	2.00
15-inch stem.....	1.50

ROSES.

Killarney		
White Killarney...		
Sunburst	}	Per 100
Richmond		\$8.00
Killarney Brilliant		6.00
Ophelia		4.00
		3.00

ROSES, our selection, \$4.00 per 100.

CARNATIONS.

	Per 100
Select.....	\$3.50
Fancy.....	3.00
Medium.....	2.50
Short.....	2.00

CHRYSANTHEMUMS (all colors).

Fancy.....per doz.,	\$3.00
Good..... " "	\$1.50 to 2.00
Small.....per 100,	8.00 to 10.00
Pompons.....per bunch,	35c to 50c

MISCELLANEOUS.

	Per 100
Valley.....	\$ 5.00
Lilies.....	12.50
Ferns.....per 1000,	\$2.50
Asparagus Sprengeri.....	per bunch, 50c
Asparagus Plumosus.....	per bunch, 50c
All Other Green Goods at Market Rates.	

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO

NOTES.

Poehlmann Bros. Co. has already booked several nice orders for cut flowers for Christmas, according to Otto W. Frese, who entered the first ones November 29. This firm's Thanksgiving business was the best in years and the outlook for Christmas is bright for the crops at Morton Grove never looked more promising and the supply department is booking new orders every day. In the plant department Thos. Canton has everything in splendid condition and in addition to a large supply of begonias, cyclamen and other plants he figures that they will have at least 5,000 azaleas to offer this year. Fifty cases of late flowering azaleas arrived last week as did hydrangeas, which came through in very poor condition.

Wieter Bros. have no complaint whatever to make in regard to their Thanksgiving business, which was as good as could be expected and better than last year. They are cutting a large supply of fancy Sunburst and American Beauty roses and the outlook for big crops for Christmas in all lines is very encouraging. Pompons are still seen in large numbers at this store and were quite a factor in the market for Thanksgiving.

Chris. Pederson, 58 East Randolph street, had the order for the Hillstrom funeral which consisted of a large wreath and also the order of the rider that was killed in the six-day bicycle race at the Coliseum. One order last week called for two magnolia wreaths which will adorn the graves of two soldiers on the battlefields of Germany should they ever reach their destinations.

A. T. Pyfer & Co. had a brisk shipping trade Thanksgiving week and while the local demand was not as good as in former years the total sales were larger and stock with one or two

WANTED! VIOLETS (HOME GROWN SINGLES) VIOLETS NEW YORK DOUBLE

Growers will receive good returns by shipping their stock to us on commission, for I have a ready demand. I am a violet booster and need more to fill my orders. Can furnish best of references—Checks weekly. Write for further particulars or start shipping immediately.

O. A. TONNER, Wholesale Florist, 30 East Randolph St., Chicago

exceptions was pretty well sold out. Ernest Farley is the latest addition to the store force and is now assisting Mr. Pyfer in waiting on the customers.

In the wholesale store occupied by M. C. Gunterberg and Sinner Bros. there are several mottoes painted on the wall that are attracting considerable attention, especially the one reading, "When the whole blamed world seems gone to pot, and business on the bum, a two-cent grin and a lifted chin, helps some, my boy, helps some."

A. Lange had a splendid Thanksgiving trade and his store was filled with customers at all times. Chrysanthemums and pompons were his best sellers, but other stock sold well and several extra trips to market were necessary to replenish the stock as the orders kept coming in.

O. J. Friedman was busier last week with weddings and funerals than he has been for a long time and Victor Bergman and his able assistants found it necessary to work until midnight on several occasions so that the work could be delivered on time.

F. C. W. Brown, general manager and F. C. Bartels, superintendent of the Rocky River greenhouses, of the J. M. Gasser Co., Cleveland, O., visited Bassett & Washburn's greenhouses at Gregg's Station, this week.

Miss Marguerite McNulty, bookkeeper for Peter Reinberg, had her picture

U S E Budlong's Blue Ribbon Valley.

in the Tribune one day last week when she acted as end lady in a minstrel show given on the north side, the proceeds of which were donated to a worthy cause.

Civil service examination for gardeners will be held December 28, 1915, at 9 a. m. at the Garfield park pavilion. For further information and application blanks address Civil Service Board, Union Park.

Miller & Musser are disposing of large quantities of red winter berries which they are handling in large supply in case lots.

George J. Ball of Glen Ellyn is cutting a good supply of choice sweet peas which he is consigning to Kyle & Foerster, as usual.

Robert Newcomb, representing Vaughan's Seed Store, is out on the road again.

John T. Muir reports trade as good with a splendid Thanksgiving business.

Beauties--Roses Carnations

Order here. We have what you need in Seasonable Cut Flowers and Greens

Current Price List.

American Beauties Per Doz.	
Extra Special	\$5.00 to \$6.00
36 to 40-inch.....	4.00
24 to 30-inch.....	3.00
18 to 20-inch.....	2.50
12 to 15-inch.....	\$1.50 to 2.00
Roses Per 100	
Richmond	\$4.00 to \$10.00
Killarney, white, pink.	4.00 to 10.00
Killarney Brilliant....	4.00 to 10.00
Ophella	4.00 to 10.00
Milady	4.00 to 10.00
My Maryland	4.00 to 10.00

Per 100	
Sunburst	4.00 to 10.00
Ward	4.00 to 10.00
Mrs. Chas. Russell....	5.00 to 20.00
Roses, our selection...	4.00
Carnations	
Carnations, Common....	\$2.00
" fancy	3.00 to 4.00
Miscellaneous	
Orchids	per doz. \$ 9.00
Mums	per doz. 1.50 to 4.00
Pompons	bunch .35 to .50
Easter lilies..	per 100 10.00 to 12.50
Sweet Peas	\$.75 to \$ 1.50
Paper Whites	3.00

Per 100	
Stevia	1.50
Valley	4.00 to 5.00
Violets	1.00
Adiantum .....	.75 to 1.50
Asparagus strings..each	.50 to .60
Asparagus bchs..each	.25 to .50
Smilax	per doz. 2.00
Sprengeri bchs....each	.25 to .50
Galax, green..per 1,000	1.25
Ferns	per 1,000 2.50
Boxwood...50 lb. cases	7.50
Boxwood...per bunch	.25
Wild Smilax..large cases	5.00

Subject to change without notice.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONS: { Central 2571
2572
Auto. 48-734

CHICAGO

Z M
E A
C & N
H N

SUPREME QUALITY RUSSELL ROSES IN QUANTITY.

CHOICE AMERICAN BEAUTY AND ALL THE OTHER LEADING ROSES INCLUDING THE BEST STANDARD AND ALL THE NEWER VARIETIES.

Carnations-Violets-Lilies-Paper Whites-Valley Stevia - Mignonette - Complete Line of Greens.

Always remember when buying that we have both quantity and quality and that when you order here you always get the best that the Great Central Market Affords.

☛ We are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St.,

L. D. Phones
Central } 3283
3284
Automatic, 42-965

Chicago

Philip Schupp, manager of the firm of J. A. Budlong, is well pleased with their new quarters since the finishing touches have been made, and is now devoting his attention to the Christmas business. This firm is cutting a good supply of fancy American Beauty roses, which are fine property, owing to the general scarcity of them in this market.

Norby & Hofe, of Des Plaines, are shipping some fine Helen Frick and White Helen Frick chrysanthemums in this market. Mr. Norby is seriously

thinking of retiring from active business and leaving the greenhouses in charge of his able partner, Mr. Hofe.

The Chicago Flower Growers' Association is showing a good supply of Helen Frick chrysanthemums, which they believe is the finest pink chrysanthemum obtainable in the market at present. This firm is also showing a large quantity of gladioli.

Hoerber Bros. never had such a fine supply of chrysanthemums to offer for Thanksgiving as they did this year, and succeeded in disposing of the en-

U S Budlong's
E Blue Ribbon Valley.

tire lot at top-notch prices. Their Chadwicks were exceptionally well grown and attracted much favorable attention.

Anything and Everything the Market Affords in

CUT FLOWERS AND GREENS

You can increase your profits and business by sending your orders to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

Prices
As
Low
As
Others.

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Felix Reichling says that Peter Reinberg's Thanksgiving business was much better than last year and satisfactory from every standpoint. The outlook for a large supply of stock for Christmas is very bright and the Richmond rose crop promises to be the best in years. Since this firm installed their overhead heating system last year in their American Beauty rose range they have had larger crops and the shipments now include a good supply of their flowers each day.

The McNeff-Swenson Co.'s new Christmas folder is ready for distribution and is the best one that the firm ever issued. It is most appropriate for the occasion and any one desiring a sample may obtain same upon request from the company at 608 South Dearborn street. L. G. Reese who was with the McNeff-Swenson Co. when it first started is back in their employ which means that their service will be better than ever for he is an expert in this line.

Bassett & Washburn are enjoying a brisk shipping trade and dispose of their stock at an early hour each day. This week will mark the end of the chrysanthemum season as far as this firm is concerned, and should result in a heavier demand for carnations. C. L. Washburn says that with the exception of roses, which were in short supply, all their Thanksgiving orders were filled in full and that so far no complaints have been received from their many customers.

James Hayes and wife, Topeka, Kansas, have been in the city several days this week buying new fixtures and supplies to replace the old ones destroyed by fire November 24. Mr. Hayes says that he was able to take care of all his Thanksgiving orders in good shape through the courtesy of his fellow florists, who assisted him in every possible way as soon as they learned of his misfortune.

Zech & Mann are handling a large quantity of Mrs. Chas. Russell roses, which are in good demand at all times and clean up quickly at good prices. Allie Zech says that their Thanksgiving business was most satisfactory and that the sales during November will run considerably ahead of those of the corresponding month last year.

John Michelsen of the E. C. Amling Co. says that business is showing a steady increase and that since May 1, 1915, the sales were far ahead of last year and considerably better than those of the same period of 1913. Their Thanksgiving business was fine and the firm has no cause whatever to complain of dull times.

The Raedlein Basket Co., 713 Milwaukee avenue, never had such a heavy demand for baskets for the holidays as this year and are fortunate in

All The Best Roses

(Standard and newer varieties.)

IN QUANTITY

	Per 100	Per 100	
Russell.....	\$5.00 to \$20.00	Killarney.....	\$4.00 to \$10.00
Milady.....	4.00 to 15 00	White Killarney.....	4.00 to 10.00
Killarney Brilliant.....	4.00 to 10.00	Cecile Brunner.....	bunch, 50c each
Opheila.....	4.00 to 10.00		
MUMS, \$1.50 to \$3.00 per doz.		POMPONS, 35c to 50c per bunch.	

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago.

having plenty on hand to fill all the orders. Their special offers are proving to be winners and have brought splendid results.

A bowling team, consisting of John Huebner, Wm. Lorman, Fred Price, Allie Zech and Peter Olsem, will represent the trade in the city tournament now being held at Bensinger's West Randolph street alleys, and are scheduled to roll at 7:45 p. m., Thursday, December 9.

The Fleischman Floral Co. had the family order for the Weeghman funeral, which consisted of a casket cover and several other large floral pieces. Their Thanksgiving business was up to all expectations, with the demand mostly for roses and chrysanthemums.

A. E. Turner, with Rosin & Turner, Mosinee, Wis., was in the city on business this week. He will bring down a couple carloads of Christmas trees again this year and expects to make his headquarters at J. A. Budlong's old stand, 82 East Randolph street.

Percy Jones received a large shipment of magnolia leaves this week and now has plenty to supply his customers with for the holidays. This firm deals heavily in green goods of all kinds and is featuring a splendid grade of boxwood, ferns, etc.

The George Wittbold Co. is having a good call for plants for the holidays and is starting to ship out same. The weather has been ideal for shipping purposes and the firm is urging everyone to get their stock before extreme cold weather sets in.

Erne & Klingel report a satisfactory Thanksgiving business, with trade showing no signs of a let-up since then. Charlie's little goat is proving to be a first class mascot and is sure of a home from now on.

A. L. Vaughan & Co. had a very good Thanksgiving business with the sales running slightly ahead of last year. Mr. Vaughan is well pleased with business since Thanksgiving, for stock of all kinds is cleaning up nicely at satisfactory prices.

Joseph Ziska & Sons have leased space in the building at 181 North Wabash avenue, in which Miller & Musser are located, and which they will be able to use to good advantage during the holiday season.

George Perdikas reports a good Thanksgiving business at both his 407 South Wabash avenue and 37 West Jackson boulevard stores with chrysanthemums the principal seller.

Philip L. McKee, of the American Greenhouse Manufacturing Co., is in Detroit, Mich., on business. Joe Bennett is now engaged in the drafting department of this company.

The regular meeting of the Chicago Florists' Club will be held at the Hotel Morrison next Thursday, December 9 at 8 p. m., when the election of officers will take place.

The A. L. Randall Co. is mailing its Christmas catalogue which contains a complete list of its holiday offerings.

George Reinberg is cutting a good supply of roses and expects to have a good crop for Christmas.

Chas. P. Mueller, Wichita, Kansas, was in the city this week buying his stock of holiday supplies.

At Chas. W. McKellar's store orchids are still on the short side and are bringing fancy prices.

H. H. Conn is no longer identified with the Englewood Flower Shop, 703 West Sixty-third street.

Vaughan's Seed Store is handling a car of hardy lily bulbs this week.

(CONTINUED ON PAGE 1058)

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 6269.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST. doz.

Roses, Beauty, specials.....	\$5 00@16 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 15-in.....	1 50
" " 12-in.....	75@1 00
" Mrs. Chas. Russell....	1 00@ 2 50
	Per 100
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	4 00@12 00
" Killarney.....	4 00@12 00
" White Killarney.....	4 00@12 00
" Richmond.....	4 00@12 00
" Prince de Bulgarie.....	4 00@12 00
" Rhea Reid.....	4 00@12 00
" My Maryland.....	4 00@12 00
" Mrs. Geo. Sawyer.....	4 00@12 00
" Mllady.....	4 00@15 00
" Sunburst.....	4 00@12 00
" Mrs. Aaron Ward.....	4 00@12 00
" Hadley.....	4 00@15 00
" Ophelia.....	4 00@12 00
" Our selection.....	4 Y @ 5 00
Carnations.....	2 00@ 4 00
Cattleyas..... per doz., 9 00@12 00	
Gardenias..... per doz., 3 00@ 4 00	
Chrysanthemums..... per doz., \$1.50 to \$4.00	
Pompons, per bunch..... 25c @ 50c	
Gladioli.....	2 00@ 6 00
Lilium Hartfall.....	10 0 @12 50
Sweet Peas.....	1 00@ 1 50
Valley.....	3 00@ 4 00
Violets, single.....	50@ 1 00
Violets double.....	50@ 1 00
Adiantum Croweannm.....	1 00@ 1 50
Ferns.....	2 00@2 50
Galax.....	1 00@1 25
Lenchoe.....	75@ 1 00
Mexican Ivy..... per 1000, 5 00@6 00	
Plumosa Stringa..... each, 60@ 75	
Smilax..... per doz., 2 00@2 50	
Spr'geri, Plumosa Sprays.....	3 00@ 4 00
Boxwood, 25c per lb.	

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

Mention the American Florist when writing

U S Budlong's E Blue Ribbon Valley.

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.
Send for complete list and prices.

Booking orders for delivery now or later.
\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Mangel, the Palmer House Florist, is using his new conservatory to good advantage in displaying plants of all kinds and has about as fine a collection to offer as one can find in any retail establishment in the city. He is at present stocking it up with Christmas plants and is wondering how he managed to get along without his show house in former years. Mr. Mangel will enlarge his store right after the first of next year, further particulars to be announced later.

Mrs. Joseph Labo and Peter Herbach, of Joliet, were married in this city, Saturday, November 27, at 8:30 o'clock in St. Peter's Church, Rev. Father Bernard, pastor of St. John's German Catholic church, of Joliet, officiating. The wedding came as a complete surprise to their many friends who wish them every happiness. Mrs. Herbach will continue to conduct the Labo Floral establishment. Mr. Herbach is connected with the Joliet National bank.

Weiland & Risch closed a land deal November 29 for 60 lots 50 ft. by 210 feet long, two blocks north and three blocks west of their present holdings in Evanston. While the firm has not stated that it is going to increase their already large range, it has been heard from good authority that such is the case and that several new houses will be built in the near future.

Frank Schramm is well pleased with his new range of Foley greenhouses at Crystal Lake, consisting of 20,000 square feet of glass, all planted to carnations, and claims to have one of the finest service buildings in the state and which everyone is cordially invited to inspect.

Schiller's first Thanksgiving down town was very good, according to Miss Bert Schiller, who is in charge of their new place at 36 South Wabash avenue. Chrysanthemums and pompons sold best but neatly arranged baskets of begonia plants were also in good demand.

Miss Lillian Tonner started November 29 to represent Pennock-Meehan Co., of Philadelphia, Pa., in this city and vicinity. She is well and favorably known to the local trade through her former connection with the A. L. Randall Co.

F. F. Benthey, who markets his stock at Kennicott Bros. Co.'s store, is showing fancy Hoosier Beauty and Mrs. George Shawyer roses. He likes both of these varieties first rate and continues to grow them on a large scale.

O. A. Tonner has had a new sign painted on the entrance to her wholesale store, which is a great improvement over the old one. She reports a very satisfactory Thanksgiving business with a clean-up in all lines.

Tim Matchen makes his daily trip to the market from Indiana Harbor in his Ford, a distance of about 25 miles. He is well pleased with business and enjoyed a good Thanksgiving trade.

The Alpha Floral Co., 146 South Wabash avenue, enjoyed a good Thanksgiving business and a large amount of wedding orders last week helped to increase the sales considerably.

Mrs. A. C. Rott of Joliet evidently believes in doing her Christmas shopping early, for she placed several large orders for holiday goods while she was in the city, November 26.

Wholesale Flower Markets

BOSTON, Dec. 1.		Per 100
Roses, Beauty.....	10 00@40 00	
" Killarney Queen.....	2 50@10 00	
" White and Pink Killarney.....	2 50@ 5 00	
" Double White Killarney.....	1 00@ 6 00	
" Killarney Brilliant.....	2 00@ 8 00	
" Hadley.....	2 00@10 00	
" Cardinal.....	2 00@12 00	
" Mock.....	2 00@ 8 00	
" Mrs. Chas. Russell.....	2 00@12 00	
" Sunburst.....	2 00@ 8 00	
" Taft.....	2 00@ 8 00	
" Mistady.....	2 00@ 8 00	
" Ward and Hillingdon.....	2 00@ 6 00	
" My Maryland.....	50@ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50@ 1 00	
Carnations.....	50@ 1 00	
select.....	1 50@ 3 00	

BUFFALO, Dec. 1.		Per 100
Roses, Beauty, special.....	35 00@40 00	
" " fancy.....	25 00@30 00	
" " extra.....	20 00@25 00	
" " No. 1.....	8 00@12 00	
" " No. 2.....	5 00@ 8 00	
" Killarney.....	3 00@ 8 00	
" White Killarney.....	3 00@ 8 00	
" My Maryland.....	3 00@ 8 00	
" Killarney Queen.....	4 00@ 7 00	
" Richmond.....	3 00@ 8 00	
" Sunburst.....	3 00@ 8 00	
" Ward.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
" Ophelia.....	4 00@12 00	
" Mock.....	3 00@ 6 00	
" Francis Scott Key.....	4 00@10 00	
" Shawyer.....	4 00@10 00	
" Russell.....	8 00@12 00	
" Hadley.....	8 00@12 00	
" Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	3 00@ 4 00	
Lilies.....	10 00@12 00	
Cattleyas.....	50 00@60 00	
Carnations.....	1 50@ 3 00	
Chrysanthemums.....	5 00@20 00	
Snadragons.....	1 00@ 2 00	
Violeta.....	60@ 75	
Asparagus Sprengeri.....	35@ 50	
Ferns.....per 1000.....	2 50	
Smilax.....	15 00	

CINCINNATI, Dec. 1.		Per 100
Roses, Beauty.....per doz.....	\$0 75@ \$3 00	
" Killarney.....	3 00@ 6 00	
" My Maryland.....	3 00@ 6 00	
" Richmond.....	3 00@ 6 00	
" Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Gigantum.....	6 00@10 00	
Asparagus Plumosus.....per bch.....	25c	
Orchids.....per doz.....	5 00@ 6 00	
Chrysanthemmas.....	6 00@15 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilia.....	3 00@ 6 10	
Double Violets.....	75	

At Kennicott Bros. Co.'s store everything is all set for the holidays, which from present indications appears will be brisk for their Thanksgiving trade was very satisfactory.

The E. F. Winterson Co. is having a brisk call for wood fibre festooning which has only been in the market for two years and comes in strings 36 to 40 inches long.

The Bohannon Floral Co., 57 East Monroe street, featured combination baskets and boxes of candy and flowers in their Thanksgiving window display.

George Wienhoeber, 41 South Wabash avenue, reports a brisk Thanksgiving business with the demand principally for large chrysanthemums.

J. Aggen, 4134 West Twenty-sixth street, is well pleased with business and has noticed a steady increase in his roses for several months.

Patrick Welch

Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market
Choice Roses, Orchids, Valley
Chrysanthemums in variety

We solicit a trial order.
1225 Race St., Philadelphia, Pa.

Mention the American Florist when writing

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.
Choice American Beauties, Russell, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange

ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.
Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

Mention the American Florist when writing

The John Kruchten Co. is handling a regular supply of bouvardia and gardenias in addition to a complete line of other stock.

—Johnson and wife, of Memphis, Tenn., are in the city completing their honeymoon of a year ago.

Visitors: Prof. A. T. Erwin, Ames, Ia.; Robert Graves, Adams, Mass.

PITTSBURGH, PA.—Zieger & Sons are erecting a greenhouse, 42 by 96 feet, at 1120 East Washington lane, to cost \$1,800.

C.C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 208
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

C. A. KUEHN, Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St.,
Both L. D. Phones, ST. LOUIS, MO.

SUPPLIES AND EVERYTHING IN SEASON ALWAYS ON HAND.
Mention the American Florist when writing

MAGNOLIA LEAVES

Prepared Magnolias, green, brown or red, per box (about 1080 leaves), \$1.35.
10 boxes or more, per box \$1.25.
Get our complete list of other supplies.

GEO. H. ANGERMUELLER,

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

Detroit Bowling.

The bi-monthly bowling games were rolled Tuesday evening November 23, with the following results:

	1st game	2nd game	3rd game
J. K. Stock	144	196	165
Norman Sullivan	168	163	145
E. A. Feters	178	145	169
Frank Holznaple	200	135	125
Robt. Rahaley	165	154	153
M. Bloy	174	180	151
Jos. Streit	139	144	154
Fred Pautke	124	152	139
J. F. McHugh	163	197	180
Henry Forster	132	131	114
A. Sylvester	56	61	111
Robt. Jean	81	154	101
P. Pape	112	124	131
Ed Moss	116	78	169
Frank Dolsky	113	109	112
A. Shields	78	90	62
J. M. Brown	99	138	154
Fred Meisel	96	92	95
A. E. Bezemer		105	191
L. Duris		124	135
Philp Foley		211	218
J. F. Sullivan		101	140
Geo. Davis		102	143
Henry Raheley		85	110
		J. F. S.	

Wholesale Flower Markets

PHILADELPHIA, Dec. 1.		Per 100
Roses, Beauty, extra	20 00@25 00	
" " first	8 00@10 00	
" " Mrs. Chas. Russell	8 00@15 00	
" " Killarney	3 00@16 00	
" " White Killarney	3 00@10 00	
" " Liberty	5 00@15 00	
" " Mock	6 00@15 00	
" " Hadley	8 00@12 00	
" " Bulgaria	4 00@10 00	
" " Sunburst	4 00@12 00	
" " Ophelia	3 00@ 8 00	
" " Hoosier Beauty	4 00@ 8 00	
Carnations	2 00@ 4 00	
Cattleyas	35 00@50 00	
Callas	10 00@12 00	
Chrysanthemums	8 00@25 00	
Lilium Harrison	8 00@10 00	
Lily of the Valley	3 00@ 5 00	
Asparagus	per bunch, 50	

PITTSBURGH, Dec. 1.		Per 100
Roses, Beauty, special	30 00	
" " fancy	20 00	
" " extra	10 00	
" " No. 1	4 00	
" " Killarney	2 00@ 6 00	
" " My Maryland	2 00@ 6 00	
" " Sunburst	2 00@ 6 00	
" " Mrs. Aaron Ward	2 00@ 4 00	
Carnations	2 00@ 3 00	
Cattleyas	50 00	
Lilium Giganteum	12 00	
Valley	4 00	
Adiantum	1 00	
Yellow Daisies	1 00	
Asparagus Sprenger, per bunch	35@40	
" " Sprays	per bunch, 35@40	

MILWAUKEE, Dec. 1.		Per 100
Roses, Beauty, per doz., 2 00@ 3 00		
" " Killarney and W. Killarney	3 00@ 8 00	
" " Ward, Sunburst	3 00@ 8 00	
" " Mrs. Chas. Russell	6 00@25 00	
" " Richmond	3 00@ 6 00	
" " Ophelia	4 00@10 00	
" " Hoosier Beauty	4 00@10 00	
Carnations	2 00@ 3 00	
Lilias	per doz., 1 50	
Snapdragon, per bunch	25c@50c	
Valley	3 00@ 4 00	
Daisies	5c@ 75	
Chrysanthemums, per doz., 1 00@ 3 00		
" " bunches	35c@50	
Cattleyas	per doz., \$9.00	
Bouvardia	per bunch, 50c	
Violets, choice Wisconsin grown	1 50@ 2 00	

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.
1402 Pine St., ST. LOUIS, MO.

ST. LOUIS, Dec. 1.		Per 100
Roses, Beauty, long	20 00@30 00	
" " medium	8 00@15 00	
" " short stems	5 00@ 8 00	
" " White Killarney	3 00@ 5 00	
" " Aaron Ward	3 00@ 5 00	
" " Sunburst	3 00@ 6 00	
" " Ophelia	4 00@ 8 00	
" " Hoosier Beauty	4 00@ 8 00	
C. Brunner	bunch, 35c	
Valley	per doz., 3 00@ 4 00	
Carnations	2 00@ 3 00	
Orchids	50 00@50 00	
Asparagus Plumosa, per bu.	25@75	
Ferriell	10 00	
Chrysanthemums, medium	per doz., \$1.50@2.00	
" " large, per doz.	2.00@ 3.00	
" " small	4 00@ 6 00	
Pompons	bunch, 35c@50c	
Feros	per 1000, 1 75	
Bronze Galax	per 1000, 1 50	

New York.

A GREAT THANKSGIVING.

November 25, 1915, should go down in the history of this city as a "red letter" day. Speaking strictly of the wholesale cut flower business, it was not as satisfactory to the dealers as some previous Thanksgivings, for, as compared with former years, the bulk of the stock sold cheap. With chrysanthemums in particular, nothing else could be done; though vast numbers were sold the wholesale district did not succeed in entirely cleaning them up. The leading features were: A day so beautiful that it was a joy to live; the turning out of the people, almost en masse to enjoy it, and a consequent heavy business for the retailers. Many, if not all, of the retailers, gave their customers the benefit of reduced prices. Thousands of chrysanthemums were sold at 15 cents each, or at that rate. In previous years the cheapest have seldom sold for less than 25 cents. If we reason on the theory of the greatest good to the greatest number, the day was a great success. It may be pleasing to some to see fine flowers—that belong to other people—but, it is more satisfactory to have them placed within the reach of your slender pocketbook so that you may have them for your own. Orchids, gardenias and roses as a rule sold very well. There was no surplus of either orchids or gardenias, and they cleaned up. The big retail stores bought their cattleyas for \$75 per 100; there were some that went in small lots at the rate of \$1 each. Gardenias wholesaled at \$6 per dozen and were scarce. Special American Beauties went at about \$6 per dozen, more or less. The prices on other special roses took a wide range from \$6 to \$12 per 100, with a few of exceptionally fine quality at the rate of \$15 and \$20 per 100. Violets did fairly well at 60 cents and 75 cents per 100, with a few at \$1. They did not, however, entirely clean up. As chrysanthemums sold cheaper than usual, it was to a considerable extent, a chrysanthemum day, and carnations, roses and violets suffered accordingly. But, taking into consideration the surplus of the past few weeks, and the great amount of stock that came in for Thanksgiving, it was a good day.

New York, November 29.—While business is not particularly active, there is considerable buying and prices are generally firm. The good chrysanthemums are getting cut out, but there are yet enough to supply all demands. There is a surplus of inferior stock and pompons and singles. Carnations are not active. Good roses are moving fairly well at good average prices.

NOTES.

"Fifty years ago," wrote Alfred Henderson in 1895, "camellia flowers retailed freely for a dollar each, and during the holidays Philadelphia used to send thousands to New York florists getting \$500 per 1,000, while roses went begging at one-tenth these figures. Now, the rose is queen, and the poor camellia finds none so poor to do her reverence." No doubt that statement was true of the time when Mr. Henderson wrote. For obvious reasons, the camellia could not compete with the rose as its sphere enlarged with improved methods of growing. Yet, there are now people in this city who do the camellia reverence. Only a few days ago we noticed a box of camellia blooms in the wholesale district, and they went to one of the leading Fifth avenue retail stores.

M. L. Vlachos, the Astoria florist, 2188 Broadway, stated that business was three times as good as last year. Herman Warendorff, Alexandre Broth-

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

ers, A. Ehmann, Charles H. Brown, the Colonial Florist, and the Fort Washington Florist, leading Broadway retailers, all reported excellent business. From the Fifth avenue stores of Alex. McConnell, Chas. Thorley, G. E. M. Stumpff and Thos. F. Galvin, Inc., there were reports of good business. On Madison avenue, from C. A. Dards, Ralph Armstrong, A. T. Buryard and J. G. Leikens, Inc., there were cheerful reports.

They have some excellent retail stores up in the Bronx, the Bronx being that part of this city which is above the Harlem river. One of these is the store of James G. Carlaftes, Webster avenue and Southern boulevard. Standing at the intersection of streets, the building gave good opportunity to install fine show windows, which was taken advantage of. One window is 15x40 feet, the other 15x25. Mr. Carlaftes has a good trade and his store is always well stocked.

At Charles Thorley's, Fifth avenue and 46th street, there were many excellent Thanksgiving features. Although orchids were scarce and high, this store seemed to be well supplied. Other features were a great display of Otaheite oranges, crotons, cyclamens and chrysanthemums in pots.

The "House of Ferns" is a new wholesale store that has opened at 41 West 28th street, and will make a specialty of Asparagus plumosus nanus. We have been advised that this enterprise has substantial backing and will be conducted on business principles. Retta E. Rankin is manager.

Reports from the Brooklyn retailers indicate that they are generally well satisfied with Thanksgiving business. James Mallon's Sons, John V. Phillips, S. Masur, Joseph Levy, Isaac Abrams, James Conlon and Joseph Trepel, all report excellent business.

One of many good features at G. E. M. Stumpff's was Begonia Mrs. Peterson. These plants seem much superior to the older varieties. Azaleas and a variety of other good plants were also noticed. Business was excellent at this store.

Guttman & Raynor, Inc., think highly of the rose Prima Donna, which they are receiving from the Florex Gardens, North Wales, Pa. A. J. Guttman states that some of the special stock wholesales at the rate of \$35 per 100.

D. C. Arnold & Co. are handling quite a fine stock of cut pansies. H. L. Bayliss, who sells for Dailedouze Brothers, is receiving very fine stock of the rose Ophelia.

John J. Coan has located, as a wholesale florist, at 115 West 28th street, on the ground floor of a new building recently erected by the Kervan Co.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone. 5335 Farragut

Louis F. Smith, formerly with the Julius Roehrs Co., Rutherford, N. J., has opened a flower store in the Central Market, 996 Sixth avenue, corner of 56th street.

Thanksgiving business was heavy at the store of Charles A. Dards, Madison avenue and 44th street, and there was a fine stock of plants and cut flowers to choose from.

Max Schling and his force were very busy filling Thanksgiving orders. The quality and variety of cut flower stock was noteworthy at this store.

At the store of David Clarke's Sons, Broadway and 75th street, it was stated that business was much better than last year.

Geo. J. Polykranas is receiving fine American Beauties from Victor Groeschens, Roslyn, Pa.

William P. Ford is receiving fine stock of mignonette, sweet peas and bouvardias.

John Young & Co. are receiving a fine variety of roses.

Gardenias continue scarce and bring high prices.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY

Telephone:
 3864 madison Square

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones | 1664 | Madison | 34 W. 28th St., New York
 | 1865 | Square,
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 6879 Madison Square.

Walter F. Sheridan
Wholesale Florist
 Telephone Call:
 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and
Seasonable Flowers.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: 2200 and 2201 Madison Square.

Two ladies, Miss M. Vinson and Mrs. E. Tunnis, have recently opened a retail store at 147 W. 44th street, near Broadway. They have named their store the "Flower Basket Shop." The furnishings and general arrangement of the "shop" shows excellent taste. This store is near the celebrated and much advertised Hippodrome and other places of amusement, hotels and restaurants, and should be successful.

Frank H. Traendly is sufficiently recovered to visit the store although his feet are not yet free from pain. He thanks his many friends for their inquiries and if all have not received acknowledgments it was because some of his mail was accidentally lost between the store and his home.

W. D. Saunders is manager of the corporation known as Esch, the Florist, 3279 Third avenue. Mr. Saunders has other interests, but devotes considerable time to the florist business. He has a clever designer in the person of Raymond Pulver.

Louis Dupuy, of Whitestone, is sending to the wholesale market the best gardenias we have noticed. He is also cutting good chrysanthemums. His stock is sold in the rooms of the New York Cut Flower Co. by his son, Edward Dupuy.

David Dean, who is well known in the florist business, having been recently with Charles Millang, is now on the road for the A. T. Boddington Company.

George J. Bayerle, a clever young man with fourteen years' experience in the retail business, has recently opened a store at 1728 Second avenue, near

Wholesale Flower Markets

NEW YORK, Dec. 1.		Per 100
Roses, Beauty, special.....	25 00@35 00	
" " extra and fancy.....	15 00@20 00	
" " No. 1 and No. 2.....	8 00@10 00	
" " Prima Donna, special.....	25 00@30 00	
" " " No. 1.....	10 00@12 00	
" " Alice Stanley.....	2 00@10 00	
" " Francis Scott Key, special.....	10 00	
" " Mrs. Geo. Shawyer.....	2 00@ 8 00	
" " White Killarney, special.....	6 00@ 8 00	
" " Killarney, My Maryland.....	5 00@ 8 00	
" " " special.....	2 00@ 3 00	
" " " No. 1 and No. 2.....	2 00@10 00	
" " " Queen.....	2 00@10 00	
" " " Brilliant.....	2 00@10 00	
" " Aaron Ward.....	2 00@10 00	
" " Richmond.....	2 00@ 8 00	
" " Sunburst.....	2 00@10 00	
" " Taft.....	2 00@ 8 00	
" " Milady.....	2 00@ 8 00	
" " J. L. Mock.....	2 00@ 8 00	
" " Hadley.....	2 00@12 00	
" " Ophelia.....	2 00@10 00	
" " Mrs. Chas. Russell.....	2 00@10 00	
" " Hoosier Beauty.....	2 00@10 00	
Cattleya Orchids, special.....	75 00	
inferior grades.....	40 00@60 00	
Cypripedium..... per doz.	\$1.50@2.00	
Lilies, Longiflorum and Harriall.....	3 00@ 4 00	
Lily of the Valley.....	3 00@ 4 00	
Carnations.....	2 00@ 3 00	
Bouvardias.....	3 00@ 5 00	
Adiantum Croweanum and		
Hybridum.....	50@ 75	
Asparagus Plumosus..... doz. bchs.	2 00@ 4 00	
Smilax..... doz. stringa.	1 00	
Chrysanthem'ns, special, per doz.	1 00@ 3 00	
inferior grades per doz.	50@ 75	
Gardenias..... per doz.,	4 00@ 6 00	
Violets, single.....	75	
double.....	60@ 75	
Sweet Peas, orchid flowered.....	1 00@ 1 25	
Common.....	75@ 1 00	
Mignonette..... per doz.,	5c@75c	
Pansies, cut.....	75@ 1 00	

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Madison Square.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
Consignments solicited.

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 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Madison. Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
 Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
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The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
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George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.
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M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Madison Square
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.



THIS OFFER WILL BE RECALLED SOON

BOXWOOD SPRAYS

CHRISTMAS IS NOW ONLY 22 DAYS OFF

You will want some of our choice BOXWOOD SPRAYS for the holidays. If you will send us your order for 100 lbs. or more now, for shipment to be forwarded by express at your command, we will allow you a special discount of 10% from our guaranteed season's price. A very high quality of sprays at a low quotation should interest you, coming straight from the old plantations of our southern states. Take advantage of this special offer today—it's worth considering.

"THE PITTSBURGH CUT FLOWER CO.

Waynesburg, Pa., November 9, 1915.

In regards to Boxwood Sprays, Please send same amount as last year, and same kind. I imagine it was the dwarf, for it was such pretty green sprays without waste. It wasn't woody. And ship also ten pound case of Mistletoe and oblige.
Very truly,
M. R. HILL."

Pittsburgh Cut Flower Company

BOXWOOD SPECIALISTS

116-118 SEVENTH ST., PITTSBURGH, PA.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	\$1 60
24x 4x3	1 90
18x 5x3	1 60
21x 5x3	1 90
24x 5x3 1/2, 2-in. Cov.	2 25
30x 5x3 1/2	2 50
21x 8x4	2 65
24x 8x4	2 90
28x 8x4	3 25
28x 8x5	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5	6 75
30x10x5	5 25
36x10x5	6 75
30x12x6, Telescope	7 50
36x12x6, Palm Green Untinted.	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

HOLLY WREATHS

W. G. Williams & Son
SELBYVILLE, DEL.

Send us your orders.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

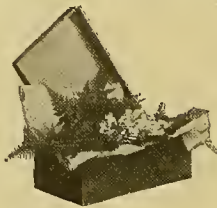
Caldwell the Woodsman Co.
Everything in Southern Evergreens,
EVERGREEN, ALABAMA

90th street. It is a very populous neighborhood and he should have business. The Army and Navy football game at the Polo grounds, November 27, caused some little stir in chrysanthemums and violets, but the weather was very inclement and gloomy.

William Kessler, 113 West 28th street, had, both in quality and variety, a remarkably fine stock of chrysanthemums for Thanksgiving.

A. F. F.

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only

a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company

161 Water Street, SANDUSKY, OHIO

Mention the American Florist when writing



FERNS, GREEN GALAX and LEUCOTHOE

Direct from the woods to the dealer. NEW CROP NOW READY.

Digger and Fancy Ferns...80c per 1000; case of 5,000, \$3 50
Green Galax.....50c per 1000; case of 10,000, 4 00
Bronze Galax.....50c per 1000; case of 5,000, 2 00
Green Leucothoe (long).....per 1000, 2 00
Green Leucothoe (short).....per 1000, 1 00
Rhododendron Leaves...per 1000, 50c; per case of 5000, 2 00

ELK GALAX & FERN CO.

TERMS CASH.

BANNER ELK, N. C.

Goods Guaranteed.



XMAS GREENS

ORDER NOW.

Choice Case Holly, Holly Wreaths and Laurel Roping. Can furnish any amount. I have anything in greens. Better write your requirements.

H. E. CONWELL, MILTON, DELAWARE

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50

Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

CASE HOLLY

Good green heavy berried stock.

Single case.....\$3 75

Five or more..... 3 50

Delivered to points east of the Mississippi river.

HOLLY WREATHS.

Made on round hoops from the best glossy green holly with four large clusters of berries.

14 inch wreaths..... per 100, \$10 00

18-inch wreaths.....per 100, 14 00

Case lots delivered free. Less than case lots f. o. b. shipping point.

BOXWOOD SPRAYS.

Bright, clean stock. 25 lbs. lots or more, 10c per lb. f. o. b. shipping point. Ask for prices on 500 lb. lots or more.

CASH WITH ORDER.

H. AUSTIN, FELTON, DEL

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



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J. B. BOLAND

Successor to Slevers & Boland

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60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

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Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

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HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

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Retail Store. Greenhouses.

Member Florists' Telegraph Delivery.

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25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

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For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

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Ohio.

The Smith & Fetters Co.,

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735 Euclid Ave. CLEVELAND

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3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

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LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

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A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.
NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL.
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sta
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.
42 West 28th Street.

To out-of-town florists: We are in the Heart of NEW YORK And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.



...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

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DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Rivardale.

Mention the American Florist when writing

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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For Wisconsin Delivery

"HOME GROWN FLOWERS" Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling
 NEW YORK
 No. 22 West 59th Street
 Adjoining Plaza Hotel
 Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Rochester, N. Y.

BIG INCREASE IN THANKSGIVING TRADE. Thanksgiving trade was excellent, according to reports received from flower shops throughout the city; in fact, about 30 per cent better than last year's business. Ideal weather conditions created a great demand. Chrysanthemums were the big sellers, with pompons, which were to be had in endless variety and varied colorings, a good second choice. The quality was finer than ever and the demand strong. Carnations sold slowly, but roses, orchids, lilies, lily of the valley and American Beauties found a ready sale. Violets were of excellent quality but the demand for them was weak. There are few flowering plants to be seen. Lorraine begonias are just beginning to arrive and a few Roman hyacinths are to be seen. Primrose and chrysanthemum plants are not very good and the Jerusalem cherries seen on the market are small and imperfect.

NOTES.

John Dunbar has written an interesting article for the current number of The National Nurseryman, in which he relates his impressions of the rare trees and shrubs found in the Arnold arboretum, Boston, Mass., which he visited a short time ago. Rochester parks have been enriched by the rare collections, which have been set out here through the courtesy of Dr. Charles S. Sargent, director of the arboretum. His latest gift was a large number of Japanese cherry trees, which are to be planted at Durand Eastman park.

J. B. Keller & Son's Thanksgiving display consisted of a large round table, set for dinner, with all the elegant appointments. There was a round centerpiece of bronze and yellow pompons and adiantum ferns. Favors at each plate were delicate baskets of lily of the valley and maidenhair fern. Above the table hung a large yellow dome trimmed with smilax.

E. C. Armbrust, of East avenue, arranged a most artistic casket mound made on green velvet and composed of white chrysanthemums and pink roses. Garlands of the same flowers, entwined with long sprays of Asparagus Sprengeri, hung over the sides of the casket and gave a delicate finish to the mound.

At H. E. Wilson's, Thanksgiving trade was all that could be desired. The display windows were very attractive with masses of chrysanthemums in variety. Miss Rose Brown is again with this firm.

A. N. Pierson, Inc., Cromwell, Conn., are shipping very good chrysanthemums and pompons to this market. CHESTER.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

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Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association
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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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14th and H. Street.

Grand Rapids, Mich.

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Orders properly cared for.

Member Florists' Telegraph Delivery.

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Telephone 2656

Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor
602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

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Chicago—Alpha Floral Co.
Chicago—C. Franzenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
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Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—The J. M. Gasser Co.
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Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Dnerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
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New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schlug, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Ngent.
Norwich, Conn.—Reuter's.
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New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in
NORTHERN OHIO.

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Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

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Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street

799 Boylston Street
Deliveries to Steamers and all Eastern Points.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Mention the American Florist when writing

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Hehl)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. **DULUTH, MINN.**
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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TERRE HAUTE, IND.

THINK OF HEINL'S

Mention the American Florist when writing

St. Louis, Mo.

WIRE

Grimm & Gorly

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**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

CHICAGO

Mangel
The
Palmer House
Florist
17 E. MONROE ST.

Mention the American Florist when writing

C. H. FREY, Wholesale
and Retail
Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

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Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention.

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S. W. KANADY, Mgr.
Careful attention to packing for deliveries
to all Southern and Middle States.

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1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Lang Floral & Nursery Co., Dallas
Texas

Write or wire headquarters for flowers for Texas,
Oklahoma, Louisiana, New Mexico. No Orders
too large, ooee too small.

Mention the American Florist when writing

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disct
229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone
orders.

Members of The Florists' Telegraph Delivery

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Place That Order Now for



ARAUCARIA EXCELSA.

CYCLAMEN, assorted colors, 4-inch, large plants in flower and bud per 100, **\$20.00**

BEGONIA, Lorraine and Cincinnati, 5-inch, large plants in bud and bloom, good foliage..... per doz., **8.00**

6-inch per doz., **10.00**

Araucaria Excelsa, special line, 4-inch, 3 tiers, doz., **\$ 5.50**

Per 100..... **40.00**

5-inch pots, 2 ft. high, 5 tiers each, **1.00**

Doz..... **10.00**

6 inch pots, 2½ feet high, 6 tierseach, **1.25**

Doz..... **14.00**

Aucuba Japonica, exceptional value, bushy, well furnished at base,

	Per doz.		Per doz.
12-in.....	\$3.50	24-in.....	\$ 8.00
18-in.....	5.00	30-in.....	10.00



CYCLAMEN.

CANNA FIREBIRD—Ready Now. 25 or more 20c each.

AZALEA PLANTS FOR XMAS—Come and see them.

Inspection of our stock cordially invited. Send for samples.

CHICAGO.
31-33 W. Randolph Street,

Vaughan's Seed Store,

NEW YORK.
43 Barcay Street,

Greenhouses, Western Springs, Ill.

GERANIUMS

Our Guarantee holds good all the year; they must reach any point in the United States east of the Mississippi River in good growing condition. Winter prices. S. A. Nutt. \$12.50 per 1000 Ricard and Poltevine..... 15.00

A New Money Maker—The Two Buddleias.

Buddleia Variabilis, the butterfly plant, one of the best selling hardy shrubs.

Buddleia Asiatica, one of the finest winter pot plants you can grow. Every florist in the United States should have from fifty to a thousand of these according to the size of his place.

Rooted cuttings of either by parcel post, at \$2.50 per 100.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

A Few Good Things You Want.

Geraniums, Nutt, Bucher, Ricard, Perkins.

Poitevine, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100.

Boston and Whitman Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.

Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.

Rex Begonia, 2½-in., \$5.00 per 100.

Vinca Var., 2 in., \$2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 ft.....\$1.00 each
Pyramids, 2½-ft..... 1.50 each
Pyramids, 3 ft..... 2.00 each
Pyramids, 3½-ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in......35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing

Nephrolepis Verona

The new crested beauty. Now ready for delivery. Write for sample.

2-inch.....	\$ 8.00 per 100; \$ 72.00 per 1000
2½-inch.....	10.00 per 100; 90.00 per 1000
3-inch.....	12.00 per 100; 100.00 per 1000

Polypodium Mandianum

Asparagus Lutzi

Good strong plants ready for a shift or to be divided.

Good strong plants

6-inch, 75c each; 8-inch, \$1.25 each.

4-inch, 35c each; \$30.00 per 100.

French Hydrangeas

Well grown plants of best varieties

4-inch.....\$20.00; 5-inch.....\$25.00; 6-inch.....\$30.00 per 100

P. S. Randolph & Sons

Wholesale Plant Specialists

R. D. 1, VERONA, PA.

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

VISITED NEW YORK: Lester L. Morse and wife, San Francisco, Calif.

MAIL for Germany now takes 20 to 43 days in transit, while that for England takes 12 to 15 days.

ONION SYNDICATES, new crop, are coming forward; California still dry November 30; sets shelved.

HOLLAND bankers are seeking to invest their funds in the United States, prompted, no doubt, by exchange conditions.

CONNECTICUT seedsmen report both White Globe onion and seed grown from the same almost out of existence in their state.

SAN FRANCISCO, CALIF.—The Bay Counties Seed Co. has been organized here by John H. W. Field and Milton Tonini, and will engage in the seed, bulb and plant business.

BOUQUET GREEN at Chicago is scarce at \$6.50 to \$7 per crate, according to quantities quoted. Boxwood in demand, supply moderate. Tennessee holly shippers report flood troubles.

BUFFALO, N. Y.—An overheated bearing in a grain carrier was the cause of a fire that resulted in damage to the amount of \$800 at the establishment of the Churchill Seed Co., November 13.

VISITED CHICAGO: L. W. Wheeler, Gilroy, Calif., and J. B. Agnew, Visalia, Calif., both eastbound; O. L. Coulter, of C. C. Morse & Co., San Francisco, Calif., returning to the Pacific coast; A. L. Rogers, Alpena, Mich.

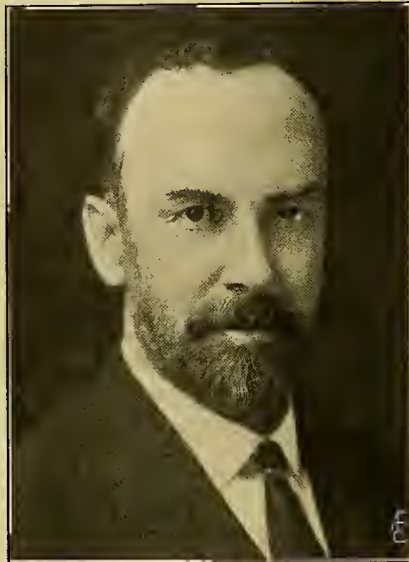
THE late Elbert Hubbard in an account of the late W. Atlee Burpee and his business had the following: "If there is any one man in America, more than another, who is making the waste places green, and the desert to blossom like the rose, that man is W. Atlee Burpee, seedsman magnus, and gentleman superbus."

EUROPEAN parcel post changes as outlined in our issue of November 27, page 1016, are relieved to some extent by Postmaster Campbell of Chicago, who informs inquirers that the sample post, limit eight and one-half ounces, is still operative. This would appear to shut off all vegetable seeds but admit flower seeds in packages of that limit.

CHICAGO.—Prices for grass seed on the Board of Trade, December 1, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.—Simeon F. Leonard, of the Leonard Seed Co., is on jury service this week.—W. W. Barnard and A. H. Goodwin continue to improve in health. Arnold Ringier is attending the Wisconsin Canners' convention at Milwaukee.—Vaughan's Seed Store handled two cars of fancy holly this week.

Wholesale Seedsmen's League.

The annual meeting of the Wholesale Seedsmen's League was held at New York, November 30, the attendance including F. W. Bruggerhof, of J. M. Thorburn & Co., New York; Kirby B. White and Lem W. Bowen, of D. M. Ferry & Co., Detroit, Mich.; Burnet Landreth, of D. Landreth Seed Co., Bristol, Pa.; Lester L. Morse, of C. C. Morse & Co., San Francisco, Calif.; W. Wood, of T. W. Wood & Sons, Richmond, Va.; Chas. H. Breck, of Jos. Breck & Sons Corp., Boston, Mass.; Watson Woodruff, of S. D. Woodruff & Sons, Orange, Conn.; S. F. Willard, of Comstock, Ferre & Co., Wethersfield, Conn.; Howard M. Earl, of W. Atlee Burpee & Co., Philadelphia, Pa.; Walter P. Stokes, of Stokes Seed Store, Philadelphia, Pa.; A. L. Don, of Wee-



The Late W. Atlee Burpee.
For Obituary See Page 1040.

ber & Don, New York; Chas. J. Bolgiano, of J. Bolgiano & Son, Baltimore, Md.; E. L. Page, of the Page Seed Co., Greene, N. Y.; H. Price, Albany, N. Y.; L. Hunt, of the Jerome B. Rice Seed Co., Cambridge, N. Y.; E. E. Bruggerhof.

Suitable resolutions on the death of the late W. Atlee Burpee were adopted. Mr. Bowen was elected vice-president and Mr. Earl director to fill the vacancy caused by the death of Mr. Burpee. The other officers and directors remain as heretofore.

Wisconsin Canners.

Seedsmen attending the Wisconsin Canners' convention at Milwaukee this week included W. C. Langbridge and Charles P. Guelf, representing the Jerome B. Rice Seed Co., Cambridge, N. Y.; E. M. Parmelee, W. B. Lucas, and D. D. Rowland, representing the John

H. Allan Seed Co., Sheboygan, Wis.; C. N. Keeney, of N. B. Keeney & Son, LeRoy, N. Y.; A. L. Rogers, representing Rogers Bros., Alpena, Mich.; J. F. Garfat, representing Hogg & Lytle, Toronto, Ont.; Arnold Ringier, representing the W. W. Barnard Co., Chicago; S. F. Leonard, John C. Leonard and John Gary, representing the Leonard Seed Co., Chicago; Theodore Cobb, representing D. M. Ferry & Co., Detroit, Mich.; Alexander Mathers, representing the Everett B. Clark Seed Co., Milford, Conn.; A. Guttman, representing the Manitowoc Seed Co., Manitowoc, Wis.; John B. Davis, representing the Jno. B. Davis Seed Co., Sturgeon Bay, Wis.

New York Imports.

The steamships Noordyke and Ryndam, which arrived from Rotterdam, Holland, November 24, brought consignments of azaleas and other shrubs and bulbs. McHutchison & Co. received 224 cases of trees, shrubs, etc., 10 cases rose stocks (Liverpool, Eng.), and the MacNiff Horticultural Co. 100 cases of trees, shrubs and 25 cases bulbs. Other imports for the week ending November 27 were as follows:

Julius Roehrs Co., 34 cases trees, shrubs, etc., 12 cases plants (Havre, France).

Stumpp & Walter Co., 1 bag seed, 20 cases plants, 80 cases roots.

Peter Henderson & Co., 33 cases plants, 1 case bulbs.

Albert Dickinson Co., 150 barrels seed (Havre, France).

W. E. Marshall, 5 cases plants, 21 cases roots.

H. H. Berger & Co., 3 cases roots, etc.

A. T. Boddington Co., 5 cases roots.

F. R. Pierson Co., 4 cases plants.

A. Rolker & Sons, 3 cases plants, etc.

Chas. Schwake & Co., 10 cases plants, etc.

To order and others, 10 packages trees, 1,452 barrels seed, 1,098 bags seed, 71 packages seed, 1,500 barrels peat moss, 379 cases bulbs and 2,138 cases and packages of trees, plants, roots, etc.

BISMARCK, N. D.—The fourth annual seed contest of the North Dakota Improved Seed Growers' Association will this year be one of the greatest seed shows that has ever occurred in the northwest. Arrangements have been made whereby there will be liberal cash awards and nice machinery prizes for all sorts of seeds which are grown in North Dakota. The contest will be held as usual, during January, in connection with the grain growers' convention.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

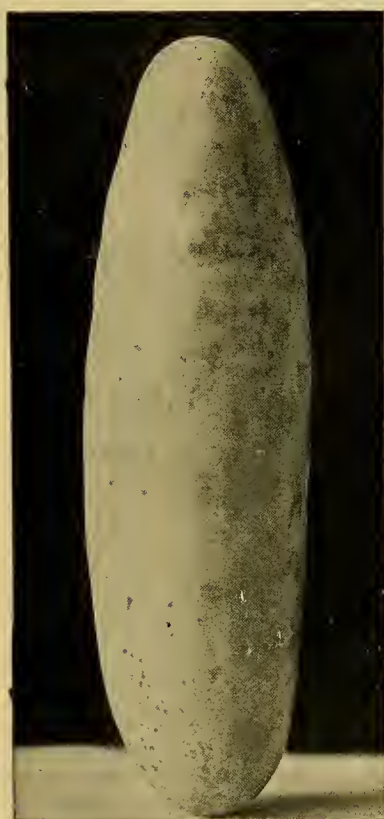
1000 Specimen Holly Trees

From Holland
For Christmas Decoration
To be Offered at Auction

Write us For Particulars.



The MacNiff Horticultural Company
54 and 56 Vesey Street, New York



Cool and Crisp Cucumber.

grown under irrigation by

Western Seed & Irrigation Co.

Seed Growers and Dealers Specialties:
Cucumber, Musk and Watermelon,
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - - NEBRASKA

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

Cold Storage Valley

FOR HOLIDAYS

Packed in cases of 500, 1000 and 2500.

Regular Grade.....per 1000, \$15.00
Extra Grade, XXXX.....per 1000, 20.00

ORDER NOW and give dates for later shipping.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Asparagus Plumosus Seeds

New crop, fresh, lath-house grown.

5,000 or more seeds \$1.30 per 1000
20,000 " " 1.20 "
50,000 " " 1.00 "

Delivered free anywhere in the United States upon receipt of remittance.

McHUTCHISON & CO., THE IMPORT HOUSE 17 MURRAY ST. **NEW YORK**

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated
English Strains

can get them at lowest independent wholesale
rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

IN proportion to the size of our business
we probably sell more seeds and bulbs
to florists than any other house. Those
who grow flowers for money will appreciate
the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully
described in our "Wholesale Price
List for the Trade Only."

Send for your copy if you have
not already received it. It
will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

HOLLY

Selectper case \$4.00

LYCOPODIUM

Fancy.....per crate, \$6.50
Wreathiog.....20 yds.. .75

IMMORTElLES—Red

Doz.....\$3.60. Case of 125 bunches....\$33.75

RED ROPING

No. 1, 35c; No. 2, 50c; No. 3, 80c per roll

ST. LOUIS SEED CO.

411-413 Washington Ave., ST. LOUIS, MO.

Mention the American Florist when writing

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

THE G. HERBERT GOY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

Yokohama Nursery Co., Ltd.

Woolworth Bldg., New York City

Come to see the most profitable rose pink carnation growing.

MISS THEO?

is pleased to welcome visitors.

Rooted cuttings, \$12.00 per 100: \$100.00 per 1000.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

R. & M. GODINEAU SEED GROWERS

Angers. - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips. Growing Crops Given Personal Attention.

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip

Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK and Orange, Conn.

Mention the American Florist when writing

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,

Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

Mention the American Florist when writing

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS

and

ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now. 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon,

Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDSBORO, N. J.**

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

NEW CARNATION Belle Washburn

A Beautiful Brilliant Red

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N. Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

It has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower $3\frac{1}{2}$ to 4 inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Eucharist family. It has a very spicy odor much greater than the average carnation. It comes in full flower by the first of December and then continues steadily the balance of the season.

The present sharp competition in business requires the grower to plant a variety that always produces high-grade flowers, never bursts the calyx, has strong, long stems, is steady and continuous bloomer, no cropper. The color is the most brilliant red of any carnation now in market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 18,000 devoted to rooted cuttings.

We will have 100,000 strong, well-rooted cuttings guaranteed all first-class ready for delivery during December. The price of the rooted cuttings will be \$12.00 per 100; \$100.00 per 1000.

BASSETT & WASHBURN

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES
HINSDALE, ILLINOIS.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm.

Bristol, Pa.

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Mention the American Florist when writing

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us,

W. E. HAILE, Seedsman,
Monticello, Fla.

Mention the American Florist when writing

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK

Asparagus Plumosus Nanus A Specialty
RETTA E. RANKIN, Manager.

Mention the American Florist when writing

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Mention the American Florist when writing

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Some Excellent Stock

Liberal extras for early orders. Special prices.

Size of pots.	100	1000
2 1/4-in. Asparagus Plumosus.....	\$2.50	\$22.50
4 -in. Asparagus Plumosus.....	7.50	70.00
2 1/2-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2 1/2-in. Begonia, Flowering, 12 kinds..	5.50	50.00
4 -in. Chinese Primroses.....	7.50	70.00
2 1/4-in. Cinerarias, Choice mixed.....	2.50	22.50
2 1/4-in. Coleus, 15 varieties.....	2.50	22.50
3 -in. Cyclamen. Fine plants.....	7.50	70.00
2 1/4-in. Double Petunias.....	2.75	25.00
2 1/4-in. Primula Obconicas, Choice mixed.....	2.50	22.50
3 1/2-in. Primula Obconicas.....	6.00	55.00
2 1/4-in. Geraniums, 15 varieties.....	2.25	20.00
3 1/2-in. Stevia. Dwarf or tall.....	7.00	65.00
4 -in. Ferns. Boston, Scottii, Whitmani, Roosevelt, Scholzei.....	20.00	
5-6-7-in. Dracaena Indivisa.....	\$15.00, \$20.00, \$25.00	

Violet Plants. Field grown, Princess of Wales, \$5.00 per 100 \$45.00 per 1000

Abundance of Stock. Correspondence solicited

ALONZO J. BRYAN
Wholesale Florist, WASHINGTON, N. J.

Seedling Pansies

In mixed color or separate white, yellow and purple, at

\$4.00 per Thousand.

This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,

Sutphin Road and Rockaway Boulevard
JAMAICA, N. Y.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

HENDERSONVILLE, N. C.—The Southern Nurserymen's Association will hold its annual meeting next year at Atlanta, Ga.

NILES, MICH.—G. O. Youngstrand, proprietor of the Chicago Nurseries, Golf, Ill., has moved his establishment to this city.

AURORA, ILL.—James A. Young, president of the Aurora Nursery Co., who sustained a severe injury when he fell on a sharp knife while trimming a tree, is recovering.

MCKINNEY, TEX.—The McKinney Nursery Co. reports trade in all branches of its business better than any previous year. They are sold out of a number of varieties of trees.

BULLETIN No. 21 of the Iowa Experiment Station at Ames is entitled "Hardiness in the Apple as Correlated with Structure and Composition," by S. A. Beach and F. W. Allen, Jr.

SAN FRANCISCO, CALIF.—T. A. Monroe, manager of the nursery at the Panama-Pacific exposition, will have charge of the sale of the stock which will be disposed of after the closing.

WOOSTER, O.—The results of the orchard fertilization on the agricultural experiment station test farm are quite marked; the sod-mulched-fertilized rows are by far the best, the sod-fertilized rows next and the cultivated-fertilized rows third.

TOPEKA, KAN.—That Kansas horticulturists have harvested approximately four million bushels of apples this year is indicated in the reports received by O. F. Whitney, secretary of the Kansas State Horticultural Society.

LINCOLN, NEB.—Farmers and fruit growers of Nebraska will make a fight to prevent what they consider a state-wide disaster to the orchard and vegetable industries of this section of the country. They will oppose the proposed order sought by the Burlington and Union Pacific railroads to prevent fruit, vegetables and produce from being sold or distributed direct to the consumer from cars.

New Jersey Plants.

Specimens recently sent us by a correspondent from the New Jersey coast are *Hudsonia tomentosa*, which should have small yellow flowers in early spring and is more common on the seacoast. The other species, *H. ericoides*, is said to be much the best of the two unless one wants that glaucous appearance of the foliage, as the flowers seem to be more numerous if not brighter. It is unfortunate *H. ericoides* can not be handled more easily, as it is one of the brightest native plants, the flowers having the bright golden color of the genistas.

G. W. B.

The Cedar of Lebanon.

The Cedar of Lebanon (*Cedrus Libani*) in the arboretum shows the importance of careful selection of the seeds from which to raise trees for any particular climate. One of the fir trees of Asia Minor, *Abies cilicica*, has been growing for many years in New England, where it has proved to be one of the best of all conifers of its class to cultivate here as an ornamental tree. With this fir the Cedar of Lebanon grows in Asia Minor on the Anti-Taurus, far north of the Lebanon Range in Palestine and in a much colder climate. As the Palestine cedar is not hardy here in New England, the arboretum had seeds of this tree collected on the Anti-Taurus with the view of attempting to introduce a hardy race of cedars into New England. The seeds were sown here in the spring of 1902 and a large number of plants were raised. They all proved perfectly hardy, not one having suffered from drought or cold. Some, however, have been lost in attempts at transplanting, for no other tree here has proved so difficult to move. The average height of all these young cedars in the arboretum is now about 13 feet. The tallest is 21 feet high and there is another specimen 20 feet high. It is doubtful if any other conifer can be grown in New England from seed to the height of 21 feet in 13 years.—Arnold Arboretum Bulletin.

Washington.

THANKSGIVING SALES SATISFACTORY.

Business for Thanksgiving was good and the local trade are well satisfied, and hopeful that it is a forerunner for the rest of the season. The local market conditions were favorable, with prices good and stock plentiful. Roses of all kinds brought from \$3 to \$15 per 100, American Beauties being priced at from \$10 to \$35. Orchids were scarce and were easily disposed of at \$1 each. Bouvardias were extra fine and sweet peas of good quality were also to be had.

NOTES.

The Noyes-Ewing wedding, a brilliant social event in the official life of the capital, called for elaborate floral decorations, both at the house and the church. George C. Shaffer arranged the home decoration, the walls being decorated with smilax, while the mantels were banked with *Adiantum Farleyense* with large bunches of American Beauties. Large baskets of begonias, arranged with *Adiantum Farleyense* covered the tops of the book cases. At one end of the reception room where the bridal couple received, was a large bank of *Cibotium* ferns, with large bunches of American Beauties and *rubrum* lilies. The table decoration consisted of garlands of lily of the valley, sweet peas and small roses. At the church the decorations, arranged by Gude Bros. Co., were also elaborate. The walls to the ceiling were sprayed with southern smilax as were the gallery railing and supporting pillars. The family pews were marked by tall standards wound with smilax and rose garlands. The green

around the gallery face was studded with white roses arranged in sprays, the ends being twined in a garland below. *Cibotium* ferns were also used in profusion.

E. Golerman, one of the Gude Bros. Co.'s salesmen, is recovering from an operation at the Sibley hospital.

Sam Mastin, salesman and decorator for the Dupont Floral Co., has resigned his position.

Visitor: J. Goudy, Philadelphia, Pa.
G. C. D.

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 New Varieties Per 100
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7-9 inch (300 to case) (Ask for) Per 1000 \$48.00
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Chinese Narcissus Bulbs, in mats of 120. Ask for price.

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Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

THE third national conference on Marketing and Farm Credits is in progress at the Hotel Sherman, Chicago, this week, November 29-December 2, with an elaborate programme, the speakers including Frank L. McVey, Hon. Sir Horace Plunkett, Millard R. Myers and Charles J. Brand.

Prices of Indoor Fruits and Vegetables.

Chicago, November 30.—Mushrooms, home grown, No. 1, 40c to 45 cents per carton; lettuce, cases 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, four baskets, \$1.25 to \$1.50; cucumbers, dozen, \$1.25.

New York, November 30.—Celery, per bunch of 12 stalks, 10 to 40 cents; cucumbers, 85 cents to \$1.00 per dozen; mushrooms, \$1.00 to \$1.75 per 4-pound basket; tomatoes, \$1.00 to \$2.00 per 10-pound basket; radishes, per 100 bunches, \$1.50 to \$2.50; lettuce, per dozen, 25 cents to \$1.00.

Nitrate of Soda Under Glass.

Nitrate of soda continues to be an unknown agent to many growers, a disappointment to others, and a real benefit to a few. The reasons for these conditions are easily found, resting on the one ground that too many are not thoroughly posted on fertilization principles. In a general way it may be said that plant-growth depends upon the formation of nitrates in the soil, and that under ordinary circumstances this proceeds very slowly. This is a wise provision of nature, as an excessive supply of available nitrogen would unbalance plant growth and much of such nitrogen would be lost by drainage. We can learn from nature in regard to the use of nitrate of soda. We must confine ourselves to small applications; we must repeat at regular intervals; we cannot expect permanent results from one application. This is very similar to the use of liquid manure. Experts can tell us that such use depends upon a weak mixture used frequently and regularly and not by one excessive dose.

Under glass we have not the same conditions as out-of-doors, hence, we must often modify methods. For this reason, we have for years experimented by spraying nitrate solution directly upon our greenhouse crops, diluting such solutions to a safe point. For a beginner, it may be said that one ounce per gallon of water is safe on most any foliage, and that this used twice a week will materially assist such crops as are in need of nitrogen. We have used this method on young lettuce, radishes, beets, spinach, celery plants, etc., under glass, and also on carnations and chrysanthemums for cut flowers. The idea is to so uniformly distribute the application, and so mild the application, that the plant really is not excited, but helped gradually into solid

growth. We have used an ordinary knapsack sprayer and Bordeaux nozzle with excellent results.

Hand in hand must go other principles; namely, an adequate supply of potash and phosphates in the soil. It is generally best to mix these into the soil before planting so they are more permanent; however, in the absence of a good supply top dressing can be made.

MARKETMAN.

Kansas City.

SUPPLY LIMITED WITH GOOD DEMAND.

Stock shortened up somewhat during the past week, and with the increased demand there was some difficulty in filling all orders. The chrysanthemums were rushed to the market early and before Thanksgiving day there was considerable shortage in this line. Roses are still scarce, but the quality is good and they bring high prices. Carnations are short in supply and lily of the valley and lilies are both good sellers. Funeral work has been very good, and the trade generally seemed to enjoy a prosperous Thanksgiving business.

NOTES.

Samuel Murray had the decorations for the E. C. Smith ball which was held at the Muehlebach hotel. The floral arrangement was very pretty, over 1,200 chrysanthemums in addition to other flowers being used. He has some excellent plants in his window which attract much attention, and Begonia Lorraine sales for Thanksgiving were heavy.

W. L. Rock Flower Co. are receiving a generous supply of good stock from its greenhouses but not enough to supply the demand. They have some fine carnations and roses, but these are not plentiful. A good wedding decoration last week called for a quantity of choice stock.

T. J. Noll & Co. report more business than stock. They had a very heavy supply for Thanksgiving day but cleaned up to the last flower. The shipping trade has been good and supplies are moving fast.

Henry Kusk & Co. report exceptionally good trade with supplies moving fast. Their supply of chrysanthemums, roses and carnations is short of the demand, but the quality is excellent.

R. S. Brown & Son say trade is A-1, with Thanksgiving business very good. They have closed out their chrysanthemums and are getting everything in readiness for the spring trade.

Miss J. E. Murray reports the Thanksgiving trade was very good at her establishment, resulting in a sell out. Funeral work has also been good.

A. F. Barbee reports the Thanksgiving trade the best he ever had. He had a good supply of chrysanthemums, which were readily disposed of.

Ed. Ellsworth, of the Rosery, had a heavy call for pot plants for Thanksgiving day. He had some fine cyclamens and poinsettias and sold completely out.

Arthur Newell reports stock as being good, but not enough of it. Thanksgiving business was better this year than in 1914.

Visitors: Sam Seligman ("Sprinkle-proof"), New York; John D. Arentshorst, representing Baartman & Koning, Sassenheim, Holland; P. M. Koontz, Springfield, O.; G. T. Freeman, Fall River, Mass.; E. V. Myers, St. Joseph, Mo. E. J. B.

Providence, R. I.

THANKSGIVING TRADE BEST IN YEARS.

The 1915 Thanksgiving trade was one of the best experienced here in years, and from all reports this year's sales were 25 per cent better than a year ago. Chrysanthemums were the best seller and the demand was very heavy as they were of excellent quality, and sold almost on sight. Pompons also had a good call and lily of the valley also sold well. Roses, carnations and violets were not very popular. There was also an ample supply of other stock in variety offering a wide choice.

NOTES.

J. H. Cushing, of Quidnick, had some very good chrysanthemums this year and cleaned out everything. His carnations are also good.

Albert Holcher is still cutting very good Mrs. Jones chrysanthemums, both pink and white. He also has some very good Chadwicks.

The Thanksgiving windows showed nothing out of the ordinary but were all well-stocked with a variety of flowers.

Most of the growers cleaned up on chrysanthemums and are getting the houses ready for sweet peas.

Olney Williams has about cleaned out his chrysanthemums, but is still cutting some pompons. H. A. T.



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Araucaria Excelsa, 4-inch, 3 tiers, \$5.50 per doz.; \$40 per 100; 5-inch, 2 ft., 5 tiers, \$1 each; \$10 per doz.; 6-inch, 2½ ft., 6 tiers, \$1.25 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

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Geraniums, 15 vars., 2½-in., \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

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Holly, select, per case, \$4. Lycopodium, fancy per crate, \$6.50; wreathing, 20 yards, 75c. Immortelles, red, doz., \$3.60; case 125 bunches, \$33.75. Red roping, No. 1, 35c; No. 2, 50c; No. 3, 80c roll. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

Greens, Vaughan's XXX holly, bouquet green, green wreathing, boxwood, laurel, mistletoe, magnolia leaves, Japanese roping, cypress leaves, winter berries, immortelles, ruscus, etc. Vaughan's Seed Store, Chicago and New York.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

LYCOPODIUM bunched, \$7 per 100 pounds, cash. Laurel per crate, \$2.50. Hemlock, 50c to \$1 per bundle. Clark—Florist, 124 Washington Ave., Scranton, Pa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

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Xmas greens, case holly, holly wreaths and laurel roping. H. E. Conwell, Milton, Delaware.

Holly Wreaths, W. G. Williams & Son, Selbyville, Del.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmaus, Newton, N. J.

HOLLYHOCKS.

HOLLYHOCKS in separate colors and mixed; fine large plants, \$6 per 100; smaller plants, \$4 per 100. Cash. JAMES MOSS, JOHNSVILLE, PA.

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Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

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Hydrangeas for forcing. For varieties and prices see advertisement on front cover. Vaughan's Seed Store, Chicago and New York.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

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JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

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From Storage.

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Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage. New York or Chicago. Finest grade of German and Danish pipe. Ask for prices. Lechner & Co., Inc., 11 Warren St., New York.

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POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

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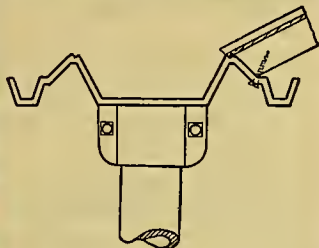
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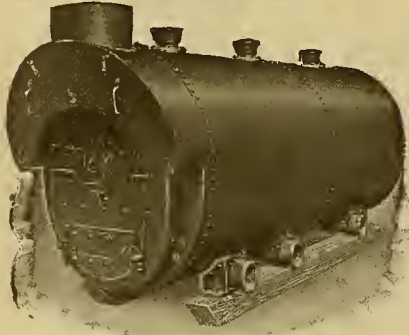
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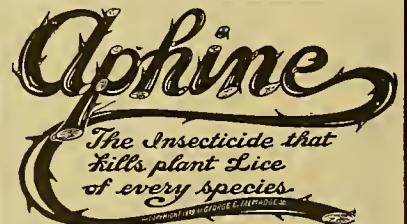
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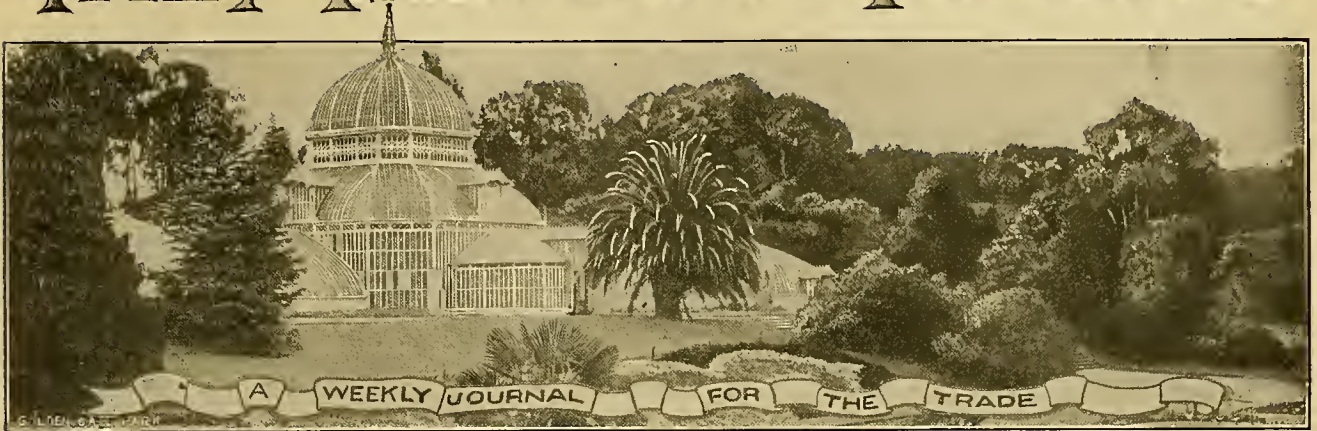
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Vol. XLV.

CHICAGO AND NEW YORK, DECEMBER 11, 1915.

No. 1436

THE AMERICAN FLORIST

ESTABLISHED 1885.

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American Florist Co., 440 S. Dearborn St., Chicago.

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Houston, Tex., August, 1916.

The Christmas Tree.

A modest tenant of the northland wood,
Undecked with flowers, unmarked by bud or
bloom,
Through all the joyous summertime it stood,
A simple pattern from Dame Nature's loom.

Around it blossomed pink and purple things,
Gny figures in a wild embroidery,
Sweet honey-wells attracting whirring wings
That never paused to rest on modest tree.

Then came the chilling snows of winter-time,
The flowers that bloomed so gayly drooped
and died.
The birds departed to a warmer clime,
'Mid other gaudes gorgeous to abide.

But still the tree preserved its emerald,
More faithful than the transitory bloom,
And that which once no whirring bird enthralled
Was now the fairest object in the gloom.

Then came regard for all its faithfulness;
The tree that had no golden fruit or flower,
Transplanted with the children's soft enress,
Became the center of our gayest hour.

The Christmas Tree within a single night
Bore fruit more bountiful than all the rest,
With shining candles brilliantly alight
And silver stars a-glitter on its breast.

No prond young stalk such blossoms ever bore
As these that flowered on its branches now;
No plint or-hush such glories ever wore
As these appearing on each spreading bough.

The modest tree, unnoticed and unseem,
Became the dearest treasure of the earth
To scatter joy from ev'ry sprig of green
And wake the soul to gladness and to mirth

SUGGESTIONS FOR THE HOLIDAY TRADE.

Christmas Preparations.

One of the biggest trade battles of the year is to be fought out in a few weeks. For those who have not, ere this, made some preparation, there is an immense amount of work to be done, and it behooves them to go at it at once with system and dispatch. For the systematic business man this column will contain nothing new; he has but to reach into the safe and get his plan of campaign, laid out last year as soon as the results of the Christmas trade was determined. All the choice and scarce stock has been ordered long ago. He goes over the resume or history of last year's holiday business made at the time when it was fresh in his mind; he has noted the things that sold well and what was most in demand. An inventory of the stock left over is interesting; all the details of delivery, the extra help, the additional wagons or cars, the buying, the plants and cut flowers, where the stock came from, the greens, holly wreaths and mistletoe; in fact, all the details are there in black and white and are of inestimable help for the coming event.

In the average retail store trade, there are certain features that stand out and are essential to the business. First, there is the demand for gifts, divided between plants and cut flowers, most of which are purchased and sent as gifts. Then the greens and wreaths for house and church decoration, and last the wreaths for the cemetery. Much of the preparatory work, particularly that of the wreaths, can be done in the summer or spare time during the early fall. The Japanese red chenille has largely taken the place of the immortelle, as it is very lasting and easy of manipulation, requiring no stemming; in all kinds of badge or emblem work the design is much better carried out and in one third the time of the stemmed flowers. Wreaths of chenille in imitation of the wrapped red immortelle can be made at any time to be laid away and decorated with holly or other trim-

ming and ribboned when placed on sale.

For the cemetery, the magnolia wreath has the galax on the run; they can be made at any time and are good until sold, while the galax must be made at the last. Boxwood wreaths are good for both house and cemetery and they will keep made up quite a while if properly cared for. Some tie the material on a wire form while others wire the sprays with stout wire or on tooth picks and use a mossed wire frame. The tied wreath is best for the house, while the heavier form is the choice for the cemetery.

While quite a number of the progressive growers make up baskets of foliage and flowering plants, also poinsettias in pans, which are ready for sale on delivery, the up-to-date retailer will be able to give a finish that adds considerably to their appearance.

Pans of poinsettias are best when bordered with maidenhair ferns, yet very few growers use the adiantum, seeming to prefer asparagus or other sorts of ferns. Making up plant baskets in the store in the last day or two, together with all the work incident to the rush time, is very laborious and trying; it is best done the week before in the greenhouse of one of the growers from whom much of the stock is bought. When properly filled, they will improve, look better and last longer on delivery. It is best to run a distinctive line of baskets with not much variety, different in form or color from that likely to be seen elsewhere and all should have zinc linings. No plant or cut flower basket is complete without this lining. While the fancy plant baskets show the skill of the house, and add tone and variety to the stock, there is nothing so profitable as the well grown foliage plants, such as bright colored dracanas, pandanus, crotons, rubbers, palms and the best of the varieties of the Boston fern. All these ready for sale plants are good stock at Christmas and show a handsome profit. In addition are the

blooming plants, azaleas, cyclamens, poinsettias, begonias, primulas and heather, all of which are good sellers. In the berried section the English hollies, ardisias, skimmias, Jerusalem cherries and peppers, complete a varied stock, that if well displayed, should bring fame and profit to the house.

Holiday greens are always in demand and form an important part of the Christmas business. Boxwood wreaths for house decoration and the cemetery are leaders, their glossy, green foliage, together with the many variations in added touches of color in holly berries, statice, ruscus, etc., make them doubly attractive. Well made holly wreaths are always in demand. Red ruscus and solid wreaths are made of the Japanese red chenille, with trimmings of holly and ribbon bows are also very showy and saleable. The miniature red chenille wreaths, called automobile wreaths, which jumped into instant favor last year, are very profitable, as is the small basket of Christmas greens and berries. A red, green or gilt tumbler or similar basket, filled with a few ends of bright evergreens, some holly, red ruscus and a little statice with a red bow, brings readily from \$1.00 to \$1.50.

Loose holly is one of the essentials. It should be kept in a cool place in the closed cases with but one open at a time. It is a great time saver, if on arrival, a number of the cases are made into bundles to sell from 50 cents to \$1.00 and then carefully re-packed. Orders are much more quickly gotten together in the rush time with these prepared quantities. Mistletoe is difficult to handle; all choice pieces should be boxed separately when received, and in this way it does not dry up and is easily handled.

Wreaths.

With the cheaper grades of Christmas wreaths it is much better to purchase them of the dealers than to attempt to manufacture them, for they are made where the material is plenty and by cheap labor that learn to handle them very rapidly, but the better wreaths the dealer can arrange himself and make a finer article and also introduce features that are not found elsewhere. A few sprays of holly or bunches of winterberries and red immortelles will often brighten up a green wreath and make it attractive. The wreaths of pine, with the cones worked into them, are particularly pleasing and always attract attention when shown. A good supply of holly-ribbon is a necessity at this season, and the wreaths displayed should have a nice bow of this tied on them to show the customer how these Christmas offerings are to be used. These small details are all of great assistance to the sale at this time and are all carefully attended to by up-to-date dealers.

Miniature Wreath.

The miniature Christmas, or automobile wreath as they are called by some, they being used for the purpose of decorating the interior of limousines, made quite a hit last year, meeting with instant favor wherever offered for sale. They are best made with Japanese red chenille wrapped tightly around a small wire ring, 6 inches in diameter, of about No. 10 wire. At the bottom is placed a small cluster or sprig of holly or a spray or two of

red ruscus and statice tied with a narrow red ribbon. A slender, red cord, with tassels by which to suspend it, adds a finishing touch. This little novelty sells on sight at a very good profit. The illustrations show several variations of this miniature wreath.

Plant Baskets.

The presentation to the prospective buyer of plants in baskets or boxes has become a prominent feature of the trade at both Christmas and Easter and a great many of these are arranged and sold by the large stores. Occasionally the report is made that the call for these is not so large as formerly, but invariably this is caused by the dealer not accurately feeling the demands of his trade. It is not every store that will have a trade that purchases the high cost assortments, but baskets of all sizes and shapes can be obtained and small boxes are easily and cheaply made, and these



Miniature Christmas Wreath.

covered with bark are nicely adapted to this work and are really inexpensive. The baskets of willow can be purchased at a moderate price, and these can be filled with cheaper plants for those that do not want to make expensive presents. With a trade that ordinarily does not pay more than two or three dollars for a plant, a ten or fifteen-dollar basket is altogether too expensive to offer them at first. This trade must be educated to these nice gifts by first inducing them to buy some at not so high a figure. They will greatly admire these more costly arrangements, but will have to be shown that plants in this form are satisfactory, and will first buy something cheaper. Nice boxes and baskets can be put up at the same prices that they have been in the custom of paying, and when they prove satisfactory larger and more expensive offerings will be purchased.

Many growers and dealers use their specimen plants for their boxes and baskets, which makes them expensive, but this is unnecessary. There are always in every grower's collection many plants that are one-sided in

their growth, lose many of their leaves, or in some other way are far from being plants that can be called specimens and would not find sale, and these can be put in the baskets with the best side out or with a few small ferns to cover up the blemishes and sold. By so doing what would in all probability be thrown away, or at any rate be a loss, can be made to turn the balance in the right way. The plants in these arrangements are always set very close and this helps to cover up any deficiency that the plant has.

Baskets are now offered by the manufacturers with tins to conform to the baskets, and in these the plants can be set, and with proper care they will make a splendid ornament for the home that will last a long time. The arrangement of the plants, especially in regard to the colors, should be carefully studied. The reds will, of course, be the most in demand. Poinsettias make a nice basket offering in themselves, but with the exception of those who have wealthy customers the basket or box should not be made too expensive, for these plants do not last any great length of time. A beautiful effect in red can be obtained by filling the basket with decorative plants and placing among them nicely berried sprays of winterberries. In the arrangements containing the different plants bearing pink flowers, it is necessary to use judgment in the selection of colors or they may clash. The cerise neither harmonizes nor contrasts well with any of the bright colors, white only being permissible with this shade. The plants with variegated foliage should also be used with care. It is not well to use too many in one basket, but to have plenty of green decorative plants to set them off.

Many beautiful effects may be produced by the proper assembling of the Christmas plants in these offerings to the trade. While these are made up in most cases of the more expensive plants and intended for the wealthier class of people, yet by the application of good judgment very beautiful arrangements can be put up with the cheaper plants.

Festooning.

It always pays to have festooning artistically hung in the store or office. It is part of the Christmas trade, but the customer will never know that the dealer has it unless it is shown in the best possible shape. To leave in the original coils does not attract the purchaser, so it is better to festoon the salesroom and show the public how these ropes of foliage can be made attractive. The festooning of laurel is by far the best, and does not have the cheap look that the festoon of bouquet green has, and this year the latter being so scarce is at nearly the same price as the laurel. Large halls and churches are invariably hung with the laurel festooning, but if these are lofty and the festoons do not come down to the level of the eye coarser greens can be used. Arbor-vita for such locations makes very suitable festooning.

Prepared Flowers.

Baskets of dried and prepared flowers make very decorative features for the holidays. The prepared branches of beech and the highly colored fern fronds make up beautifully. The red ruscus is also very bright and showy



PRIZE BOUQUET FOR BRIDE BY JOHN MANGEL, CHICAGO.

and just the right color for Christmas. The sprays of dried static work in nicely with the highly colored foliage, as do the spikes of eulalia or pampas grass. All these prepared flowers and leaves arrange beautifully in handle baskets and if adorned with bright ribbons that are in harmony with the colors used, make fine offerings for the Christmas trade and they will be ornamental throughout the winter.

Miniature Christmas Trees.

The miniature spruce tree for table decoration at the holidays is becoming more popular every year. Large numbers are sold mostly for home decoration, some favoring these small trees for their gift tables in preference to the larger size. They should be perfect in shape, but not too compact, so that there is room for decorative articles on the ends of the limbs. They should be planted in green cedar tubs of the proper size. Much of the root can be removed, as they are soon relegated to the rubbish heap after the holidays. They can be decorated with small wired bunches of red immortelles, attached to the ends of the limbs; these with a red or holly ribbon around the tub give the tree a very Christmasy appearance and is well worth while, as many a tree that is priced \$2 will bring \$4 to \$5 with this ornamentation.

Cemetery Preparations for Christmas.

The holiday business in connection with the cemetery greenhouses is growing rapidly from year to year. A few years ago only the wealthy lot owners made a practice of placing a wreath on their lots at Christmas, but now it is the custom for all classes to place a wreath or a bunch of holly or flowers on their lots for this occasion, so that it is a busy period for those who have these details to attend to.

Beginning with the first real cold weather, about the middle of November, the orders for covering the graves are carried out. This covering means placing short branches of evergreen or spruce over the grave to form a green mound. The evergreen is laid on, starting from one end of the grave, then working back from the other end, at the same time fitting in the sides; then some short pieces are taken and worked throughout the whole with the object of making a mound with a flat top the size of the grave. The shears are then used to trim off the long boughs that stick out more than they should, and these clippings are worked into the other to make a graceful appearance. When the work is carefully done it adds greatly to the appearance of the lot, doing away with the bare look at this season of the year, as well as being very satisfying to the lot owners and it is surprising the extent to which the custom has grown.

Boxwood wreaths are called for more than any others and are in demand throughout the winter months. A spray of red ruscus is worked in on one side of the wreath for Christmas, but at other times the plain wreath of boxwood is most popular. These boxwood wreaths are sold at prices of \$1 up, according to their size, and while a wreath for \$1.50 and \$2 is called for mostly, there is a good demand for the more expensive ones. Wreaths made of brown magnolia leaves and red ruscus are also good sellers. The smallest wreaths of this character are sold for \$2, and when finished up with boxwood, along with the magnolia leaves

and red ruscus, much higher prices are obtained for them.

Large quantities of holly are now used at the cemeteries. It is chiefly made up into wreaths that sell for 50 cents and \$1 each, the demand for anything cheaper than this being satisfied by selling the loose holly, or tied up bunches, which can be sold for 25 or 35 cents.

Large numbers of bronze galax wreaths of medium price are sold, but since the boxwood wreath has been used so extensively, the galax wreaths are not being called for as much as formerly. There is also a big call for bunches of red ruscus to place at the head of the evergreen graves, and it is the same with this as all other parts of the business; there are those who go to the extreme and instead of beautifying their lots make them look like a grotesque mass.

Those connected with a cemetery think there is not any place like a cemetery, where one meets so many different kinds of people, everyone with an idea of their own, one wanting this and another that, without any regard for the rules of the place or the rights of others, and the only way to keep harmony and make the thing go is to have a good supply of wreaths as near as possible to suit the customers' desires, yet conforming to the rules and not monstrosities.

VAN WERT, O.—Fire originating in the business office, which with the packing room and work shed, was practically destroyed, swept the east section of Scharff Bros.' greenhouses, November 30, entailing a loss of about \$2,000. The damaged houses were immediately inclosed with canvas and business continued under usual conditions. The damage to growing stock was small and the firm is prepared to meet all demands for the Christmas season.

FLORISTS' PALMS.

Winter Care.

With stronger fire-heat, as will naturally be required from this time forward with the progress of the winter season, it becomes the more necessary to watch over the watering and syringing, keeping in view the fact that there are dry corners in almost every greenhouse, and that these particular spots may require attention every day. These local troubles, so to speak, are particularly noticeable in houses that are heated with steam, the intense heat from the steampipes drying out the plants very rapidly in those places where the pipes happen to be placed near to the benches, or where a main is carried along under the bench. This makes an observation tour in the morning a necessary portion of the day's duties, for the welfare of the plants demands that they receive water at any time they need it, rather than to allow any of them to remain dry until the usual time for watering or syringing, a time that is often set at about ten o'clock in the morning where palms are grown. Spraying the walks and beneath the benches is also a good practice to follow in the palm houses at least once a day, whenever it is necessary to use strong fire heat, this measure doing much toward keeping a growing atmosphere in the houses.

As the sun gets further south, less ventilation is required, none being needed before the temperature reaches 80 degrees on a sunny day, and it should be taken off again before the houses become chilly, the time for closing naturally depending upon the outdoor temperature to a great extent, but at this season being usually about 3 o'clock. Little or no shading is needed now, there seldom being any danger of the foliage suffering from the sun be-



HOLLY WREATH WITH BUNCHES OF BERRIES AND NARROW RIBBONS.

tween November 1 and February 1, but after the latter date a light shade may be required, especially in those houses in which a high grade of glass has not been used for glazing, and it may be added that the majority of greenhouses belong in the latter class, from the fact that second quality glass is much the most common in greenhouse glazing.

It is not yet too late to continue re-potting among young stock that is much pot-bound, though root action is less rapid as the days grow shorter, and stock that is intended for sale before spring would better remain in the old pots, it being a well known fact that pot-bound plants will endure more hardship and give better service to the customer than those that have recently been given a shift. Seedlings should be potted off as soon as they are in a fit condition for that operation, regardless of the season, for these tender young plants will establish themselves more readily when handled before the roots get too long, the latter being very likely to get bruised or broken in the effort to confine them in a small pot.

Shapely young kentias in 2½-inch to 3-inch pots are always useful stock to the retail florist, he finding a place for such plants in the center of ferneries, where they divide the honors with the long-time favorite *Cocos Weddelliana*. And in this connection it is well to remember that gem of the phoenix tribe, *P. Roebelinii*, for this palm shows character in such small plants that they, too, are being used in considerable numbers for ferneries, and with very good effect. But to have these same shapely small plants, one must look to it that they have space enough and light enough to keep them in form, and also that they be kept free from insects, for a table fernery is exposed to close examination on the part of the purchaser, and an imperfect center plant is sure to attract attention.

When plants are given much fire heat, as in the case of palms at this season, the best conditions are provided for the propagation of noxious insects, such as those of the various scale groups, to say nothing of thrips and red spiders, and it is no easy fight to get rid of them. Spraying and dipping with various soap solutions are the most common methods used to combat the scale insects, though frequently causing more or less injury to the plants, particularly when the soap solution is permitted to drain down into the heart of the plant. Thrips is a tough customer, and requires nicotine solution to "get him," while red spiders submit to thorough syringing with pure water, but the best time to perform these operations is before the insects have gained a firm foothold on the plants, thus avoiding the damaged foliage that detracts so much from the beauty and value of the stock.

Special fertilizers are seldom needed in order to keep the palm stock in condition, the most reliable being a reasonable quantity of good stable manure in the compost, but to those given to using liquid manure on plants in general, and many admirable growers are found in this class, it may be said that liquid manure is not needed in the palm house during the winter, too much nitrogen producing soft foliage and brittle stems, and thus causing much dissatisfaction to the decorator who may use the stock in question.

W. H. TAPLIN.



WREATH OF PINE BRANCHES AND CONES.

Chrysanthemum Show in London.

The National Chrysanthemum Society of England held its thirty-second annual show of autumn blooms November 11-12 in Royal Horticultural hall, Westminster, London, and notwithstanding the war, it was an exhibition of undoubted excellence. Perhaps not so large as the previous displays held at the Crystal Palace, it was certainly more compact, and from a spectacular point of view it was very effective. The schedule contained 37 classes, and most of these were well filled and excited keen competition—more especially in the open classes. For the best miscellaneous exhibit in the show, a large gold medal was awarded to Philip Ladds & Sons, Swanley, Kent, this being the first time this well-known market-growing firm has made such a floral victory over such renowned competitors as Norman Davis, W. Wells and H. J. Jones. The Holmes' memorial cup for 36 Japanese blooms, distinct, was won by T. Stevenson, gardener to Mr. Mocatta, Adlestone, Surrey. The same exhibitor carried off the president's prize of a five-guinea cup for 24 Japanese blooms. He was also successful as the first prize-winner in most of the open Japanese classes, and there was no question as to the excellency of the blooms put up by him. For the Holmes' memorial challenge cup for 24 incurved blooms, distinct, E. Dove, gardener to H. Bennett, Bickley, Kent, was the successful competitor. In the table decoration class, Mrs. A. Robinson, Carshalton, took the prize rose bowl offered by the ex-president, Chas. E. Shea. The winning confection was a mixture of gold and bronze, tastefully set up. Among the affiliated societies, the trophy of a big shield offered, was won by the Finchley Horticultural Society, North London, a testimony to the fact that

London, with all its buildings, fogs and smoke, is still capable of producing fine blooms in its much maligned atmosphere.

Of late years it is worthy of note that single-flowered varieties of chrysanthemums are becoming more conspicuous at all exhibitions throughout the country, and this year there were some very fine specimens on view. In Norman Davis' gold medal group, the following were specially noteworthy: Democrat, a fine golden bronze, which, although not so large as some of the others, was highly attractive; James Beats, a fine rose terra cotta; Gloriosus, a good bright yellow counterpart to the well known white Mensa; Crim-son Velvet is most appropriately named on account of its bright, deep crimson blooms, with a conspicuous yellow center, and Monica Mitchell, somewhat similar, but not quite so brilliant in color. In Wells & Company's group, which also received a gold medal, were Max, a fine terra cotta orange; Miss W. Hemus, deep velvety crimson, and Miss Nellie Wigg, a new variety, having beautiful soft heliotrope-pink ray florets, shading to white at the base round the yellow disc. In Philip Ladds' group the most notable singles were Bronze Beauty, a fine vivid reddish-brown; Ethel Mortimer, an attractive yellow, and Sand-down Radiance, a wonderfully fine deep and bright crimson, perhaps the very best of its kind with blooms over six inches across. H. J. Jones, Lewisham, obtained a small gold medal for his group, which had already been standing four days from a previous show of the Royal Horticultural Society, and contained Jessica, a fine large starry bronze flushed with red; Buttercup, rich yellow; and T. Barnes, a deep crimson, with a conspicuous white ring encircling the disc.

Cragg, Harrison & Cragg, of Heston, Middlesex, displayed Molly Godfrey, a fine rich purple pink, and Aphrodite, an anemone-flowered variety, with rich heliotrope hlooms. Godfrey & Son, Exmouth, Devon, had a choice group consisting of all single varieties, considered to be novelties. Among these the most conspicuous was Princess Mary, a really good rich pink. Many of the others appeared to be similar to those already mentioned. The Misses Price & Fyfe, Birch Grove, Sussex, put up a nice group as lady gardeners, the most attractive varieties being Excelsior, rich orange terra cotta, and L. Lawrence, crimson, with a yellow center.

Among the huge mop-headed Japanese varieties there was the usual excellence and purity of coloring in the whites, yellows, bronzes and pinks, the same being shown by many exhibitors. Among the finest whites were Wm. Turner, Mrs. Gilbert Drabble and Queen Mary, varieties that one came across time after time as standing out pre-eminently for their size and purity of color. Perhaps the most noteworthy yellows were Mrs. R. C. Pulling, Mrs. G. L. Wiggs, Miss A. E. Roope, Wm. Rigby, Frank Ladds, Mrs. Iggulden and F. S. Vallis. One of the features of the show, with a somewhat pathetic interest, was a new Japanese variety named Edith Cavell, after the English nurse who was recently shot in Belgium. This is a fine bright rose terra cotta, with a bright golden reverse, and was staged by Wells & Co., Merstham, Surrey. It is a very attractive form, and one likely to stay as a good acquisition, quite apart from the memories it recalls.

W.

THE ROSE.

Preparing to Market the Christmas Crop.

Only a few days more to get things in good shape for the Christmas business, and "here's hoping" that it will be banner holiday business for all. The cut for the holidays should now be showing color strongly, and if there is going to be heavy cutting, there will be quite a lot of good stock hanging over the walks. These flowers should be tied back, tying a few inches below the buds; this will make slow cutting perhaps, but at the same time the stems will be straight—and no buds will be snapped off. If they are tied lower down at this time the plants will be bunched too much, which will smother out a lot of good foliage, and bring on a dose of black spot and spider, as the water won't get at the foliage properly.

Speaking of spider, one should syringe with a great deal of force, now that the heavy firing has commenced, getting well under the foliage, and where the syringing is done or finished up as late as 11 a. m., even on a bright day, the plants should be gone over and topped at the base with a short piece of hose to remove the surplus moisture. It is absolutely necessary to have the foliage dry before dark at this season. Increasing the amount of air, and turning on an extra coil or two, will aid greatly in drying off the foliage, when it clouds up right after syringing. Great care should be exercised in watering at this time; do not let the beds become dry, especially the raised benches. Very often the heating coils are under the benches,

and sometimes the soil becomes bone dry at the bottom, when the soil at the top is too wet. Nothing but a good soaking will remedy this condition. Water until the water runs through the cracks at the bottom. The plants in the solid borders, if in vigorous growth, will require copious watering at least twice a week when the weather is fair, providing there is good drainage, and the surface of the soil in the solid borders should never get anywhere near the dry point when there is a crop of blooms coming in. If too dry, the buds will lack color, substance and size, and the petals will come frilled. Very often the water is withheld where the foliage becomes streaked. We have often noticed the same condition where dryness was the cause. This is often the case when grafted stock is used. As for the watering, it will be rather hard to over-water, where there is good drainage and vigorous growing plants to handle. Do not water with strong liquid manure when the buds are showing color; substitute with a sprinkling of soot over the beds, well watered in, but do not use the soot when there are flowers being cut in any quantity daily, unless used in liquid form or unless the soot is handled very carefully. The soot will settle on the blooms and foliage. Where the buds are just showing color, it will do no harm, as soot will often add color to both flowers and foliage, and has a slightly stimulating effect on the plants.

One should look after the supplies in

the shipping department, having a supply of tasty cardboard boxes of various sizes made up and lined with wax paper and arranged near at hand; also labels, paste and brush, box of assorted nails, twine in several sizes, etc., and examine the wooden shipping boxes to see that they are well roped and the corners firmly fastened, and prepare to pack safely against zero weather by using plenty of newspapers and sheet cotton. Have sufficient jars to hold the cut without crowding, and do not guess at the amount of roses you may cut, but go over each bed and do a little careful counting and averaging, so as to be able to let the commission man have something definite to go by. We admit this is quite a problem, but if the grower goes about it carefully his figures will be approximately correct. This will also enable the grower to avoid disappointing his retail customers, as is sometimes done, where there has been no inventory of the cut attempted.

Last, but not least by any means, do not hold back the stock too long—cut out any semblance of the "pickling stunt"; give the store man and your customers good, fresh stock, always. If your cut will be light, well and good, let it go at that; you will have them on a good market a few weeks later perhaps, so let it go in good condition at any cost. This is "good business." and it won't lose you a single good customer. Remember! It is far better to go out and buy good stock to fill orders than to "put across the embalmed variety." E.



CHRISTMAS BASKET BY GEO. M. STUMPP, NEW YORK.

Cypripedium, Primroses and Willows.

THE CARNATION.

Midwinter Requirements.

The carnation plants are now at their best; the clear, cool weather of the past month has given strength to the plants and added substance to the flowers, so that we now have a fine crop of high grade flowers with long, stiff stems, and it now behooves the grower to attend closely to the requirements of the plants and watch carefully the changing conditions of the weather and temperature, being especially particular as regards the watering of the beds. Now that the conditions make it necessary to furnish steam heat regularly, the plants must not be subjected to very dry conditions at their roots; neither must an overabundance of water be given. To allow the plants to dry out severely at the roots quickly causes the flowers to lose size and substance in addition to giving the red spider a foothold. Overwatering on the other hand results in weak stems and flowers of poor quality, consequently, it should be borne in mind that careful attention to the watering of the plants is one of the principal parts of the culture of carnations.

There are two very important features connected with the carnation grower's business that confront him for the next two months—one is the crop of flowers for Christmas, and the other is preparing the propagating house and starting in on the propagation of the cuttings for next season's stock. Referring to the Christmas crop, the foundation of this crop must have been laid months ago, when the work of building up the plants was in progress and the plants that were encouraged to make a sturdy, vigorous growth before being allowed to bloom are now heavily laden with buds and flower growths, and do not need any extra coaxing to produce a fine crop of flowers for the holidays. The main purpose should be to give the plants careful attention in every detail, guarding against any extremes of temperature in the houses. Ventilate at every favorable opportunity, being particular not to allow any draughts to blow directly on the plants, and cut and market the flowers as soon as they are ready. Do not attempt any holding back or "pickling" of the flowers, the Christmas business of the past few years having shown the mistake of holding flowers of any kind until their freshness has gone. There is such a wide range of material, which figures in the holiday trade, such as ruscus, boxwood, holly, etc., together with the many varieties of pot plants so that the retailer and his customers are not satisfied with anything but the very best in cut flowers.

One of the most important things the grower should look out for is to keep his plants clean of fly by attending to the fumigating regularly. There is nothing that reflects more on the grower's care, than to find his plants full of fly, as well as taking into consideration the damage done to the plants. The proper way is to set apart certain periods for doing this work and attend to it on time, not waiting till the young shoots are all gummed up from the effects of fly. With the many nicotine preparations on the market there is no excuse for the plants to be affected by fly.



CHRISTMAS PLANTS.

Poinsettias, Statice and Boxwood, with Raffia Matting.

While figuring on the Christmas crop, and attending to the flowering plants' requirements, is of the greatest importance, we must not neglect the preparations for the propagation of the young stock for next season. The growers who make it a part of their business to grow large quantities of rooted cuttings to sell, have already followed up their empty chrysanthemum benches with carnation cuttings. These growers grow large numbers of plants with the main object of furnishing a good supply of cuttings and have a good supply of material most of the time. But the grower who depends on getting his stock from the plants in bloom that he has on hand, should be prepared to start his cutting beds directly after the holidays so as to be able to make a good selection of cuttings. Selecting the cuttings is one of the surest ways of bringing success in the growing of carnations and is one of the secrets why some growers are noted for the same high-grade of the flowers they turn out year after year. While the weather is good the sand should be provided for, and as soon as the house has been put in order by the usual cleaning out, bring it in to be in readiness for the propagating to go forward.

C. W. JOHNSON.

LOGAN, UTAH.—The Marvold Floral Co. has been succeeded by the Cache Valley Floral Co.

Dahlia Troubles.

A paper by Professor J. B. S. Norton, state pathologist, Maryland Agricultural College and Experiment Station, College Park, Md., read at the first annual exhibition of the American Dahlia Society at New York, September 25, 1915.

Few ornamental plants are more vigorous and free from disease than the dahlia, but like all others, dahlias have their failings, and the more familiar we get with them, the greater the variety of difficulties encountered. Fortunately experience brings also the knowledge how to counteract them.

In going over the list of things which interfere with dahlia perfection, I may not bring much knowledge to the expert grower, but I may give some warnings to beginners. Scarcely any of the dahlia diseases have been investigated by scientists, though the occurrence of a number are on record in works on plant diseases. I would be pleased to hear of any additional dahlia difficulties, and especially to call up from the old masters of dahlia culture valuable experiences in controlling or preventing them. The natural requirements of the dahlia are an open situation with abundant light and air, a constant medium temperature and water supply, and an easily drained, but water retaining soil of moderate fertility. The horticulturist's art may enable us to improve on these, but the beginner will do best to keep as near them as possible. Probably the worst dahlia disease is a constitutional trou-

ble, something like the "curly dwarf" disease of potatoes. The plants are dwarf, bushy and subject to sunburn, and with poor flowers or none. I first reported this disease in 1909. Stone published a note on it in Massachusetts in 1911 and others have discussed it since. The cause is obscure. It seems to be carried over in the roots, and there is some indication that there is less of it on plants grown from cuttings. It has been abundant in both wet and dry seasons.

Root rots due to various causes are frequent. A species of botrytis is the most common root rot fungus. It is most severe on stored roots in moist, warm conditions with poor ventilation. The fungus enters through breaks or cuts in the surface, but does not attack perfect roots according to Dr. Cook of New Jersey, who has investigated it. On the other hand, we have the common case of the shrivelling up and death of roots from too dry storage conditions. Several other kinds of fungi and bacteria may attack dahlia roots that have been injured by too much water in the soil, exposure to freezing or other causes, and cause rots. Another root trouble, which in some varieties is a natural characteristic, is the failure to make fleshy roots. Many claim that plants grown from cuttings do not form normal roots, but it is certainly true that plants from both cuttings and seeds often do make full-sized roots. If some one can find a way to develop buds from roots, as is done so easily with sweet potatoes, it will be a great advance in dahlia propagation, but so far the stem seems to be the only part that will produce new stems, as some beginner every year learns to his sorrow. Wind is the main enemy of the stem. The brittle stem is the most vulnerable part of the dahlia, but this has been greatly improved by selection, the better modern varieties having much stronger and dwarfer stems, and also by cultural and pruning methods. But the "no stakes" goal has not yet been reached.

Powdery mildew is about the only parasitic leaf trouble, and it rarely does much damage except to the lower leaves in late summer. Many varieties are not injured at all by the mildew, while others along side them may be covered with it, sometimes so badly as to interfere with blooming. Halstead found that spraying with fungicides easily checked it. Wilting of the leaves is a symptom of too hot sun or of too little water in the soil, but I have seen wilt due to root injury from too much water in the soil.

Two fungi interfering with the flowers are known. A phoma sometimes attacks the flower stems, making the flowers small or causing them to drop before opening. In 1909 I found a fungus blight of the petals, but have made no further investigation of it. The main flower failures are from climatic conditions. The hot sun of our summer is disastrous. The petals wither up, or are badly colored, or the flowers open one-sided, or the growth is so soft that the flowers have no endurance when cut. Sometimes the tips of petals and leaves are even dried up and killed. Choice exhibition flowers can be protected by a cloth cover overhead. This is a good precaution, too, when there is danger from early frost. For the average dahlia garden, however, we must depend on keeping back flowering till the hot

weather is over or cutting back the earlier growth to get new, vigorous flowering stems in the fall. The variation in flower color from deep shade to strong sun is often much greater than between two similar varieties. Too much shade not only gives lighter flowers, but may almost suppress flowering, as will also too rich soil or too deep cultivation in the blooming period; but too little water and plant food may produce the same result. Both color and doubleness vary so with the season that two or three years' observation is necessary before one can know the character of a new variety. A heavy frost is usually the end of the flowering season, but frost seems to injure the buds least of all and they sometimes open after the stems and leaves are killed.



Geo. M. Geraghty.

Manager Dunlop's Store, Toronto, Ont.

Singleness or poor centers is said to be induced by excessive forcing and taking cuttings from weak shoots. Double varieties are also said to degenerate into single in more southern climates; but I am inclined to think that the appearance of open centers under certain conditions in normally full double flowers is more a varietal peculiarity. Varieties with bad centers, or that open so slowly that the outer rays wither before the center is expanded, can best be remedied by substituting better ones for them. There are also a number of troubles due to insects which cannot be fully discussed here. Borers, which destroy the inside of the stem or cause it to swell, grasshoppers, spotted cucumber beetles and aster beetles that eat the leaves and flowers, aphids, and, not least in injury, if smallest in size, the red spider.

ASPENWALL, PA.—Frank Wagner, who recently purchased the interests of the John Bader Co. here, will add a retail flower shop.

HOUSTON, TEX.—Property belonging to the city, known as Wright's old flower garden, is being cleared, and new greenhouses of the most modern type to be used for raising plants and flowers for the city's parks will be constructed under the supervision of Park Superintendent C. L. Brock.

The Julius Roehrs Co., Rutherford, N. J.

In the past we have from time to time had occasion to mention the activities of the Julius Roehrs Company, but it would be a large undertaking to completely cover the subject. Further, they being people who do not let the world pass them, there is always something new and interesting to be found at their extensive range.

While they have always grown fine stock, we think that their offerings for this Christmas will be a little finer and more extensive than usual. We may instance the begonia, Mrs. Peterson; they have several houses filled with it, and while their stock of the other types is also very fine, the Mrs. Peterson, by contrast, shows its superiority, both in bloom and foliage. The flowers are larger, and the foliage approaching a bronze shade, is very attractive. Taken in its entirety, their begonia stock is the finest we have ever seen.

Then there are the camellias. It would delight the hearts of some of the fathers in the business, of blessed memory, if they were in the flesh and could see the houses of beautiful camellias that this company now has ready for the market. There will be a great stock of azaleas, ardisias and poinsettias in for Christmas. A very attractive feature is a fine stock of euphorbias, now coming into bloom. To many, these plants are a novelty, and they are also graceful and beautiful. Another attractive feature is a large stock of Otahite oranges. There is also a great stock of cyclumens in the finest condition.

In ferns and other foliage plants there is a very fine exhibit, particularly noteworthy being a large stock of Adiantum Farleyense. There are dracenas, marantas, pineapple plants and many other fine foliage features. No sketch of this range would be complete if the orchids were omitted. We have not heard them say so, but from our own experience we believe they grow more orchids than any other range in this country. Lily of the valley is also extensively grown and they are now sending very fine stock to market. A. F. F.

Forcing Digitalis and Campanula.

ED. AMERICAN FLORIST:

Can I force digitalis and campanula for Easter? If so, at what temperature?

Missouri.

L. LEC.

Digitalis and campanula can be grown to flower in pots in the spring, but they will not stand severe forcing. I conclude that the inquirer refers to Campanula Medium, or Canterbury bells. Strong one-year-old plants, lifted and potted in the fall and held in cold frames over winter, then taken in about 10 weeks before needed to bloom and allowed to come along gradually in cool temperature, will bloom nicely several weeks before those outside, but the writer has never tried to get them as early as Easter. The same treatment is advised for digitalis. Only strong two- to three-year-old clumps should be used.

C. W. JOHNSON.

COLUMBIA, Mo.—Thomas Berry, formerly connected with the Archias Floral Co., Sedalia, Mo., has bought a half interest in the Wheat Floral Co. of this city.



VIEWS OF DUNLOP'S NEW STORE, TORONTO, ONT.

Miniature Christmas Baskets.

The little holiday basket, with its bright sprigs of evergreens and well-berried holly, together with some statice and red ruscus, finished with a red or holly ribbon bow, is as Christmasy as it can be. It may be sent in lieu of a Christmas card or is acceptable as a small gift. Shop worn small baskets and hampers may be gilded or painted and made to look like new and worked off in this manner to very good advantage. New small tumbler baskets that cost but from \$1 to \$1.50 per dozen will readily sell for from \$1 to \$1.50 each, when filled as above described. The accompanying illustrations give examples of these baskets, the cost of which is trifling.

Trees and Shrubs for Home Grounds.

Abstract of a paper by A. K. Harrison, Massachusetts Agricultural College, delivered at Horticultural Hall, Boston, Mass.

There has been a great development in the appearance and care of home grounds in the last few decades, which has been brought about largely by a better knowledge and use of hardy plants. This wider appreciation of hardy and especially of native plants is a result of the teaching and practice of Frederick Law Olmsted and his disciples. His extensive use of our native flora, which before his time had been very little, and that use more abroad than in this country, was really an epoch-making departure in American horticulture. It was, however, a perfectly natural and logical thing, both from the standpoint of business economy and of artistic effect, and the value of the idea being apparent, it met with general approval and popularity.

There have been great changes in our modes and conditions of life in recent years, which have had a wide influence on homes and surroundings. The peace and prosperity of these years have produced an increasing number of well-to-do families, who have more or less time and means at their disposal for attention to artistic surroundings and the enjoyment of outdoor life. A great advance in all lines of artistic and allied endeavor has resulted, architecture has taken on new life, transportation has been revolutionized, dress has changed, agriculture has become a new thing and horticulture has wonderfully advanced. A far-reaching body of horticultural, agricultural and architectural periodicals developed, which have widened the desire for better home surroundings. In spite of all this, however, in spite of all that has been said and written and done, there yet remains much room for improvement.

The extension of suburban districts has brought its problems, some of which are not yet satisfactorily solved. These problems are mostly of the larger kind, involving community life and welfare; smaller problems affecting the individual homes are, however, constantly recurring. The development of real estate subdivisions has made it necessary often to locate dwellings on lands heretofore thought too steep, too rugged or too low for such uses, and it has been necessary to plan for such development, not only in grading, drainage and road construction, but also for successful planting in varying soils and exposures. So much has been written on these subjects, the field has been so well gone over, that perhaps I shall have nothing new to bring to you.

Taken as a whole there is a marked

difference between the present home surroundings in country or country village, and in residential suburbs. Many of the country homes have been long established, and their character and surroundings largely fixed before the recent advance of which I have spoken, while many of the suburban homes are of recent construction and have profited by present architecture and planting. Moreover, there are a greater number of persons at leisure in suburban districts and areas are limited, so that more can be done in planting and maintenance. There is also considerable difference in the mental attitude of the country and the suburban dweller, particularly of the masculine gender, toward ornamental gardening and garden materials.

The country home lacks shrubs, because the country man appreciates the sturdy things; he loves a tree, he tolerates the flowers in his front yard—but he has very little use for shrubs, and then only for a few specimen plants; masses or borders of shrubs, he despises. The man of the suburbs has less of this ingrained love of trees, because he has not lived with them so intimately; he does have a greater appreciation of flowers and flowering shrubs, for his experiences do not include so many years of uprooting and clearing hedges, and his opportunities of seeing and enjoying lawns and planted places have been greater. The feelings of the women of the country and the suburb do not, per-

haps, vary so much, for their experiences with the different plant forms have usually been so intimate, and their appreciation of the artistic and decorative values, if not keener, are at least more responsive and unbiased. Partly as a result of these divergent views, and partly because there is a greater opportunity for house location on the farm than on the suburban lot, the usual condition is that the country or village home has plenty of trees, while the suburban home has few trees and plenty of shrub growth, and the trees of recent planting have developed but little. The lack of trees at the suburban home is perhaps not so great, because there are often trees along the street or streets bordering the lot—but it is a lack nevertheless.

When we come to a choice of trees for planting on our home grounds, we can then consider kinds and forms, and it is at once apparent that there are at least three great groups from which we may select, and the choice of the selected group will be governed by the use or end for which we are planting. The groups run into each other somewhat, but still it is quite possible to recognize a group especially useful for shade, another having particular beauty of form or outline, but less value for shade, and a third bearing showy flowers. The maples have been perhaps the most generally planted of shade trees, and deservedly so, as they have many points of excellence; comparatively rapid



TUMBLER BASKET OF CHRISTMAS GREENS.



SILVER CENTERPIECE OF VANDAS.

By J. H. Small & Sons, Washington, D. C. and New York.

growth, clean and free from litter, few enemies, easily moved, considerable variation in leaf character and density of shade, wide adaptability to soil conditions, and particularly good fall coloring. They have long been popularly considered the most useful lawn and street tree. In the early days the maple was much planted because it was easily obtained from the woods or fields, and was not at all difficult to move even in good size, but it was planted for a double purpose; not only was it attractive and useful as a shade tree in home grounds, but it also gave an annual revenue of sugar, so that the early settler was independent of the market source of supply. *Acer sacherum*, *sacharium* and *rubrum* are our native species, the two latter especially useful in moist soils, while *A. platanoides* is the most useful European species.

Next to the maples in popular approval and probably even more valuable are the oaks; trees which are characterized by a thrifty, if not a rapid growth, broad spreading habit, good shade without being so dense as to prevent air circulation, and especially long-lived, sturdy character. They have not been so much planted as the maples because they lack the sugar making qualities, and because they are not so easily transplanted in good size from the wild, though nursery stock is readily handled. The best species for ordinary soils are *Quercus palustris*, *Q. alba* and *Q. rubra*, while *Q. bicolor* and the first named, *Q. palustris*, are good for moist soils.

Some of the poplars and willows,

which are much planted where quick effects are needed, are decidedly good; the poplars, of large leaf and rapid growth, serve very well for shade while the other kinds are coming to effective size, but for the most part they are not as good for permanent trees and should be replaced by other species. The Lombardy poplar certainly has a place in suburban planting where narrow, high screens are needed, and if dilapidated or injured by age, is easily replaced. The ordinary white willow, which however is not a native, is a decidedly useful and beautiful tree. It will succeed almost anywhere, and it is altogether different in foliage character from any other of our other large trees. The different species of ash and beech give good shade, but the ash is not as graceful in twig growth and its leaves fall quite early. The beech is slow in growth and impatient of injury to its roots.

Of the kinds remarkable for their beauty, but less useful for shade, the elm easily stands first, but its usual form of open top on a tall trunk, makes it unsatisfactory where dense shade is desired at a given point. The elm, however, should always be planted, especially where it has room to develop and where it can be seen from a distance, so that its graceful form may be appreciated. Chestnuts and hickories are well worth preserving when already established, but they litter the lawn with burs and shucks. Also, the slow growth of the hickory, and the liability of the chestnut to rapidly spreading bark diseases, together with its unpleasant odor at

flowering time make them unsatisfactory for lawn planting. Among the showy flowering trees, the most commonly planted is the horse chestnut, which, coming to us from Asia, has proved entirely hardy, though rarely reproducing itself. It is the most widely planted of any flowering tree, and gives good shade, but is not so broad spreading as the oak, or so long lived. Somewhat less common, because less hardy, especially when young, is the catalpa, whose broad leaves and large flowers are especially attractive in early summer. The southern species, *C. bignonioides*, is the best, but the western *C. speciosa* is usually more hardy. The foreign varieties are smaller and well suited to limited areas.

The most showy flowered of our northern trees of large size, is the tulip or white wood. Related to the magnolia, though not especially resembling them, it is a fine, clean, thrifty sort which well deserves planting, not so much for its large, cup-shaped flowers of orange and pale yellowish green, as for the clean, healthy foliage and general shade value. Another native tree of value for shade and flowers is the basswood or linden of rather rapid growth. It is larger and more ovate in form than its European relatives, which are useful in positions too small for the larger sorts. The locust, which was frequently planted about old country homes, has an abundance of very fragrant flowers, but is of little value for shade on account of the small size of its foliage and the extreme lateness of leafing and therefore is not to be recommended.

Of the small-sized flowering trees, none is more showy than the flowering dogwood. From its size, flowering date and general character, it is rather to be classed with the magnolias, though not in any way related to them. One group of flowering trees most neglected in lawn planting are the useful fruits. The whole growth and character of the apple fits it admirably for such use. It is ornamental in flower and fruit and its economic value is no small item to the lot owner. Other kinds of fruit trees are almost as ornamental and well worth planting. The quince, especially, would lend decided attraction to larger shrub borders.

Trees planted for particular beauty in color, form or gracefulness of branching, require careful study. The graceful bending of a birch is best shown by the well developed specimens, so placed that they can be seen from a distance sufficiently for the eye to take in the whole form. The same may be said of the larch. The coarser, rigid branching forms like the sassafras, coffee tree and pepperidge show best when seen against the sky. Another form of contrast is the dark color of evergreens, and evergreens should be used either as single, well-developed specimens in remote parts of the lawn, or in groups for mass effects or dark backgrounds for other shrubs or trees.

Natural shrubbery is characteristically informal, and home ground planting should be the same. Formality in shrub planting may be had by careful selection of special kinds, supplemented by repeated use of the shears, in a misdirected effort to improve on nature. In border plantations we have a great degree of variety and beauty; variety in position, form, flowers, shades of foliage, height, etc. The two chief lines of beauty in the irregular border, are the sinuous lines where the foliage meets the lawn, and the varying height and form of sky line. In close clipped hedges, however, beauty depends entirely upon one thing—perfection. The shade of green must be the same throughout, all plants must be equally tall and sturdy, all well branched, and each a repetition of the next, just because the point of beauty depends on the whole, and the eye will unintentionally seek out the blemishes; and any departure from perfection or lack of best development, shows up glaringly. Irregular shrub borders give fine opportunities for the use of kinds of varying size, so that in the broader parts of the border, tall sorts may be used in the rear or on prominent points along the front, and by the use of such points and bays, and occasional islands in front of bays, hidden effects may be provided, which come upon unawares, add new interest. A shrub border always looks better with a foreground of turf, and for this reason shrubbery should, where possible, be kept back four or five feet from roads and paths.

In grouping shrubs, we should learn from nature, where we find the hedges and water sides with considerable groups of a single kind, rather than a confused mass of many kinds. In nature also, the shrub groups are edged down to the turf and are clustered about ledges, fences and other objects, keeping the center of the picture open, and framing the sides. Next to position and size, perhaps the important things to consider in associating shrubs, are general texture and method of branching. For kinds,

there is a wide choice, almost any of the hardy species being useful in some position or another; some are better in moist places, others for dry exposed banks, some for direct sunlight, others for shade. The descriptions and hints given in the nursery catalogues are usually a safe guide in selection.

Fourth National Flower Show.

PHILADELPHIA, MARCH 25-APRIL 2, 1916.

With a view to adding to the attraction of some of the display classes, the schedule committee last week decided to increase the prizes in the class covering rose gardens to \$1,000, offering \$500 as first, \$300 as second, and \$200 as third prizes. The prizes in the class for the best display of rose plants to cover 200 square feet of space have been increased from \$125 and \$75 to \$200 and \$100.

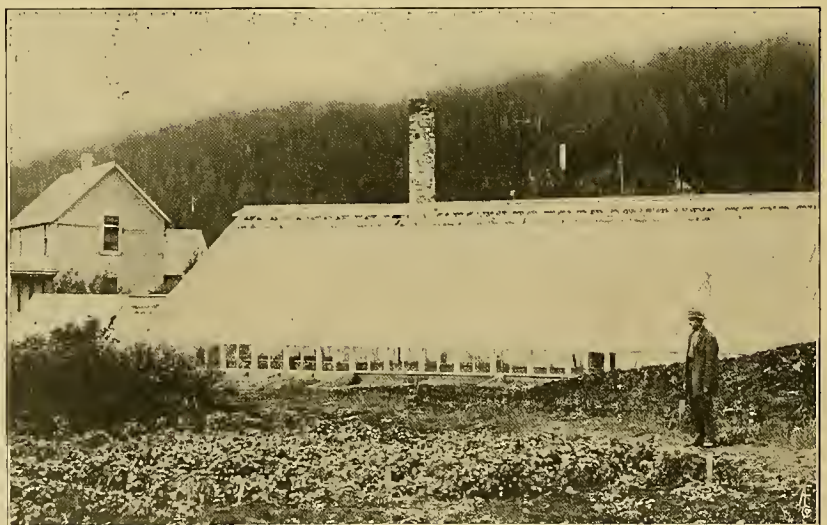
The second preliminary schedule has just been mailed. It comprises 44 pages and the prizes offered approximate \$20,000. It is the largest schedule ever put out for a flower show in America.

Many of the prizes offered by outside interests appear in the new edition. Quite a number of classes are underwritten by Henry A. Dreer, Inc., Henry F. Mitchell Co., Inc., Hosea Waterer, W. Atlee Burpee & Co., all of Philadelphia, Pa., and Zandberger Bros., Valkenburg, Holland. Other donors of special prizes noted are Philip Breitmeyer and Harry Balsley, Detroit, Mich.; H. G. Berning, St. Louis, Mo.; Hugh B. Barclay, Marion, Pa.; Emil Buettner, Park Ridge, Ill.; John Cook, Baltimore, Md.; Eugene Dailedouze, Brooklyn, N. Y.; J. H. Dunlop, Toronto, Ont.; W. H. Elliott, Brighton, Mass.; A. Farenwald, Roslyn, Pa.; Gude Bros. Co., Washington, D. C.; Geo. B. Hart, Rochester, N. Y.; Hess & Swoboda, Omaha, Neb.; Benj. Hammond, Beacon, N. Y.; A. H. Hews, Inc., Cambridge, Mass.; Wm. F. Kastling, Buffalo, N. Y.; Leo Niessen Co., Philadelphia, Pa.; Michigan Cut Flower Exchange, Detroit, Mich.; J. A. Peterson & Sons, Cincinnati, O.; S. S. Pennock-Meehan Co., Philadelphia; A. N. Pierson, Inc., Cromwell, Conn.; M. Rice Company, Philadelphia; Max Schling, New York; United States Cut Flower Co., Elmira, N. Y.; Mrs. Chas. Wheeler, Bryn Mawr, Pa.; Anton C.

Zvolanek, Lompoc, Calif. Other special prizes have been received and will find places in the final schedule.

Exhibitors of roses, in both commercial and private classes, are reminded that under a new rule of the American Rose Society, all roses with more than two growths (one pinch) will be disqualified, excepting in the classes calling for displays, and for 100 or more blooms in a vase, when two pinches will be allowed. The rose section, as prepared by the American Rose Society, contains an unusually liberal list of premiums, which aggregate considerably over \$4,000. Almost all the varieties of roses used commercially as cut flowers are classed, and new varieties are provided for; while perpetuals, teas, wichurianas, polyanthas, and their hybrids, grown in pots and tubs, are amply provided for.

There is a liberal schedule prepared by the American Carnation Society covering carnations. The prizes for the best display covering 150 square feet are \$200, \$150 and \$100. There are also prizes of \$50, \$35 and \$15 offered for the best vase of carnations, not to exceed 300 blooms, one or more varieties, greens and ribbons allowed. The retail classes in the carnation section are somewhat novel. In the class for table decorations, \$50 will be awarded to each table scoring not less than 90 points, \$40 to each table scoring not less than 80 points, and \$30 to each table scoring not less than 70 points. Another class covers basket arrangements, and the same idea prevails as to awards; \$25 will be awarded to each arrangement scoring not less than 90 points, \$20 to each arrangement scoring not less than 80 points, and \$15 to each arrangement scoring not less than 70 points. But only six entries will be accepted in either of these classes. Immediately following the judging, the secretary will remove the entry cards from all the exhibits in these classes, and only the regulation display cards as prescribed by the management will be permitted on the displays. The reason for this ruling is obvious to retailers. The carnation display will really form the "Jubilee Exhibition" of the American Carnation Society, celebrating the society's twenty-fifth anniversary, and in commemoration of it, the



GOVERNMENT GREENHOUSES AT SITKA, ALASKA.

These Greenhouses of the United States Experiment Station, Department of Agriculture, Were Built March, 1915. J. P. Anderson, the Horticulturist in Charge, Is Seen in the Foreground.

society offers its special "Silver Jubilee Medal" for award to each winner of one or more first premiums in the vase classes.

The American Sweet Pea Society includes a schedule covering winter orchid flowerings, standard winter orchid flowering and varieties and 1915 novelties. Notable in this section of the schedule are the classes covering the W. Atlee Burpee Co.'s prizes for the largest display of sweet peas, winter or summer flowering, or both, and the Anton C. Zvolanek prizes for the best and largest collection of winter flowering grandiflora and orchid sweet peas, all correctly named, varieties introduced prior to 1916. Liberal prizes are offered for retailers' exhibits.

The American Gladiolus Society aims for a display of forced blooms at this show, and has prepared a section of the schedule calling for about \$300 in prizes. In the plant sections very little change has been made, the provisions made therein having been considered ample. Copies of the second preliminary schedule may be had on application to

JOHN YOUNG, Sec'y.

53 W. 28th Street, New York.

State Florists' Association of Indiana.

The December meeting of the State Florists's Association of Indiana was held at Fort Wayne, December 7, President W. J. Vesey, Jr., in the chair. A short business session was held at the Anthony hotel, and one of the important resolutions adopted was one providing for the acceptance of associate members, allowing those not residents of the state to have the privilege of associate membership. Indianapolis was decided upon as the place of the next meeting, January 11, at which time officers for the ensuing year will be elected. Elaborate preparations are being made for this event by the Indianapolis florists, and nothing will be left undone to royally entertain the visiting members of the association during their stay in the capital city. The Indiana rose and carnation trophy will be competed for at that time.

All of the establishments of the Fort Wayne members were visited during the day. At the range of W. S. & M. J. Vesey, the orchids were found to be of especial interest. Several of the important cattleya varieties, including labiata, Trianae, Schrederae, Mossia and gigas, looked to be very promising. The orchid house is under the supervision of W. J. Stewart, formerly a grower for the Duke of Connaught, Sussex, Eng. In carnations, all the standard sorts are grown, including Champion, Enchantress Supreme, Gloriosa, White Wonder and Philadelphia. Rose Mrs. George Sawyer will be in full crop for Christmas. Lily of the valley for the Detroit market is a specialty at the Vesey establishment, and a wholesale cut flower store is maintained in that city.

Mrs. Charles Russell roses are a specialty with F. J. Knecht & Co. This firm grows only for the wholesale market. A general line of plants and flowers all in good condition were noted at the greenhouses of A. J. Lanternier, who grows to meet the needs of his retail store. He was also busy with holly and greens. The Flick Floral Co. was also visited both at the greenhouse and the up-town store, the party being escorted through the plant by Aaron Shive, the superintendent.

Following the inspection of the various ranges, the members of the party, which included the following, were guests at a luncheon at the palatial home of Judge Vesey: E. G. Hill and John Evans, Richmond; O. E. Stein-

kamp and Herman Junge, Indianapolis; R. G. Kircher, Fairmount; Wm. H. Johnson, Kendallville; F. H. Freese, New Haven; J. D. Conner, Wabash; C. B. Henley, Hartford City; Harry White, North Manchester; Geo. Pastor, Huntington; E. G. Baker, Muncie; A. J. Wagoner, Columbia City; Theo. Dorner, Lafayette; Fred King, Winona Lake; Chas. Treffenger, Van Wert; O.; F. A. Trevinger, Bluffton; C. J. Lanternier, F. J. Knecht, Wm. Markey, Aaron Shive and W. J. Vesey, Jr., all of Fort Wayne, and C. O. Wilcox, Chicago. C. O. W.

Boston:

CUT FLOWER TRADE AT STANDSTILL.

Trade during the past week has been very dull. Plants were practically the only line of stock for which there was any demand. The business in cut flowers fell far below normal, compared with other years. Roses suffered a drop in prices, varying from \$2 to \$8 per 100 as best prices. Chrysanthemums also went slowly; in fact, many salesmen said they never remember of having had to sell them at such ridiculously low prices, many first-class flowers being cleaned out at \$3 per 100. Of course, there were some exceptions, where steady trading commanded good prices, but on the whole the bottom seems to have dropped out of the chrysanthemum business. Carnations also suffered a decline in price. Many fine flowers had to be sacrificed at very low figures, but the last of the week the market showed some improvement, and, consequently, prices advanced. It is anticipated that there will be a sudden rise in prices due to dark weather shortening the supply and owing to the fact that the Thanksgiving glut is over. A brisk trade Monday, December 6, seems to offer hope that the worst is over—at least for a few months.

NOTES.

Some of the best Nelrose snapdragons in the market are grown by Fred L. Sly, of South Stoughton. He also is picking from a good crop of violets and expects to have a good supply for Christmas.

Penn, the Florist, expects to open his new store in ample time to take care of the holiday trade. There have been extensive alterations made in the interior, and when completed it will be one of the most modern and best equipped stores in the city.

A. O. P. Rohlf, of Randolph, is marketing some very nice stevia at present. It is an interesting fact that he has taken enough money to pay for his winter's supply of coal from bayberries, which grow profusely about his estate.

Edward Skahan, well-known market gardener, died at his home in Belmont, December 1. He was well known to the trade as a violet grower years ago, but of late had devoted his entire plant to produce.

George McAlpine, Samuel Wax and Alfred Walsh, are very proud of having shot a 300-pound buck at Exeter, N. H., December 5. Just who shot it seems to be a mystery, as all three fired simultaneously and brought down their quarry.

J. K. Chandler & Sons, of Tewksbury, are cutting a heavy crop of violets, the bulk of which they consign to New York. They are cleaning up the last of their chrysanthemums and planting yellow marguerites for the spring trade.

Patrick Welch reports a bright outlook for the holiday trade with prospects favorable for good supplies of stock in all leading lines, the crop of American Beauty roses being especially promising.

The Halifax Garden Company, of Halifax, Mass., are cutting a fine lot of roses, of which Ophelia and Ward are especially worthy of note. They also have a nice line of carnations, their consignment being about 2,000 flowers daily.

The bowling league met December 2 for the first time in two weeks. The highest string was bowled by Jacobs of the Boston Flower Exchange, with 132 pins. Bresnahan, of the "Pansies," rolled the highest 3 strings, with 102, 113, 110. The standing is as follows:

	Pinfall	Won	Lost
Galvin	.....1335	28	4
Flower Market	.....1346	24	8
Carbone	.....1317	20	12
Pansies	.....1378	15	17
Zinn	.....1258	15	17
Flower Exchange	....1290	10	22
Robinson	.....1261	9	23
Mc. & Mc.	.....1225	7	25

F. L. W.

Massachusetts Agricultural College.

ANNUAL FLOWER SHOW.

The annual flower show of the floriculture department of Massachusetts Agricultural College, was held November 7-9. On Sunday an attendance of 1,400 was recorded by actual count, and on the other days the attendance was very gratifying to those in charge. The lower floor of French hall, one of the largest of the college buildings, was utilized for the exhibition. The walls of the hall were lightly decorated with southern smilax and oak leaves, which, with the natural grain of the woodwork and the light walls, made a very pleasing contrast.

Prizes were competed for by the members of the senior and junior classes in floriculture. The senior competition was won by E. J. Cardarelli with a large basket of yellow chrysanthemums and oak leaves. C. E. Wildon won second with a basket of pink and white single chrysanthemums and S. W. Hall won third with a fine basket of Sawyer roses.

In the junior competition there were 14 entries for table decoration, and the judges experienced difficulty in reaching a decision. J. C. Campbell won first honors with a table of Peter Pan chrysanthemums; E. S. Duffil was second with a table of Golden Climax pompons and John T. Dizer won third with a table of Hadley and White Killarney roses.

The judges of the competitive exhibits were R. S. Carey, South Hadley Falls; D. J. Gallivan and Geo. H. Sinclair, Holyoke. In the competitive commercial classes, which were judged by the senior students, the principal winners were Geo. H. Sinclair, Gallivan Bros. and George Strugnel, of Holyoke; Butler & Ullman of Northampton; R. S. Carey, South Hadley Falls, and Keyes & Son, Florence, Mass.

Features of the show were the careful attention given to correct labeling of the exhibits, attendants to explain wherever information was necessary; the efforts made to keep the exhibition in perfect freshness until the last hour of the last day and every detail given attention to make the exhibition of value to student or professional florist. In size, finish and quality of the displays this was the best exhibition ever held at the Massachusetts Agricultural College.

Tuesday evening of the show the Holyoke and Northampton Florists and Gardeners' Club and the Gardeners' Club of the Massachusetts Agricultural College held a joint meeting at the college, when the subject of "The Value of Flower Shows" was discussed, which brought out many suggestions as to how exhibitions could be made more attractive to flower lovers and as a stimulant for trade.

J. W.

Nashville, Tenn.

VERY SATISFACTORY THANKSGIVING TRADE.

Thanksgiving day has come and gone, leaving a very satisfied feeling among the florists that it certainly did pay. There was a superabundance of the finest of flowers, in both the yellow and the white chrysanthemums, almost amounting to a glut, which was only prevented by the more than extraordinary demand. While there were so many flowers brought into bloom at the desired time, still all the florists say they had a better trade and sold more flowers than ever before. In fact there is an ever increasing demand, which grows greater every year. The holiday trade is the next interesting proposition with the florists here, as elsewhere, and all parties say that there is a finer prospect than ever before. The supply coming in at present is the very best of all kinds that are in the market usually at this season, and in the greatest abundance. Trade is very good and keeps this supply well used up, day by day, and there is little or no surplus. The social season is on to the fullest, and this with the weddings and funeral work, keeps the florists busy, and, what is better still, uses up their daily cut. Violets have been very plentiful, quantities of them being used for Thanksgiving day and since. Chrysanthemums are about gone, having served their purpose and glorified many a home for some weeks past. Roses of all kinds are well to the fore and promise to be in fine shape for the holidays. The stock for the holidays will consist of carnations, roses of all kinds, poinsettias, Begonia Lorraine, lilies, and all kinds of bulbous stock, now just beginning to come on, and azaleas as well as other varieties of flowers.

NOTES.

Geny Bros. had a fine supply of chrysanthemums, numbering fully 2,000 blooms for the Thanksgiving day trade. They are more than pleased with the outlook for a splendid holiday business. Their lilies, roses, carnations, hyacinths and narcissi are blooming beautifully, and they will be in a position to supply their trade with quality stock.

The McIntyre Floral Co. reports excellent business and good prospects for the holiday trade. Thanksgiving business was very satisfactory with them and stock sold out well. Conforming to an annual custom, this firm a short time before Thanksgiving sent bountiful supplies of roses, carnations and other beautiful flowers to local charities in this city.

The Joy Floral Company's greenhouses are in the best possible shape for a fine holiday supply. Their American Beauty will be of the finest, and their other roses and carnations are at their best. They will be able to fill any and all demands.

L. H. Haury had a fine Thanksgiving trade and is preparing for big Christmas business.

All of the local florists are looking forward to an exceptionally good holiday business. M. C. D.

Minneapolis.

SHORT SUPPLY BRINGS PRICE ADVANCE.

The supply of stock in the market has shortened considerably and as a result prices have advanced. Green goods have made their appearance. Holly is fine and is selling at from \$4.50 to \$6 per case. Lycopodium of good bright green is quoted at \$6 per case of 100 pounds. Trees are plentiful but meet with a light demand.

NOTES.

Rice Bros. bowling team and the L. S. Donaldson floral department team

rolled a series of three games on the Elks' alleys, December 2, the Donaldson team capturing two games out of the three. High scores were made by W. D. Desmond, John Roevick and Art. Johnson. Both teams will meet on the same alleys again, December 9.

The flower show staged at the West hotel under the auspices of the Minnesota State Florists' Association and the Minnesota State Horticultural Society is very fine. There is an extensive exhibit of flowers, fruits and vegetables. Many of the local florists made displays that were noteworthy.

Mrs. Hugh Will has sufficiently recovered from the injury to her arm, which was broken in a fall recently, to be about again, but her arm is still in splints. Her many friends wish her a speedy and complete recovery.

The Danish Seed Import Co. is the name of a new concern of which Chr. Mosberg is manager. A specialty will be made of imported seeds.

Oscar Amundson had a large decoration at the Andrews hotel, which called for plants and cut flowers in large numbers.

Max Kaiser, of Merriam Park, has some extra fine poinsettias in pans that will be just right for Christmas.

C. Claussen of Albert Lea had a large display of fruit at the show at the West hotel.

Rice Bros. are receiving some fancy wild smilax that meets with ready sale.

T. C. Rogers is with the L. S. Donaldson Co.'s force during the holidays.

Visitors: A. F. Longren, representing Poehlmann Bros. Co., Chicago; A. Miller, of A. Henderson & Co., Chicago; C. Claussen, Albert Lea, Minn.; H. E. Philpott, Winnipeg, Man.; N. Nielson and Wm. Windmiller, Mankato, Minn.

T. C. R.

Kansas City.

TRADE GOOD BUT SUPPLY LIMITED.

Business has been very good during the past week, with plenty of funeral and decorative work, but stock very limited in supply, especially in roses and carnations. Roses have been very good in quality with good, long stems. American Beauties have been scarce, but violets, sweet peas, lilies and Paper Whites are more plentiful and find a ready sale. Pot plants of good quality sell on sight, and a number of Begonia Lorraine, cyclamens, bouvardias and poinsettia plants are seen.

NOTES.

Henry Kusik & Co. are receiving stock of good quality, but the quantity is limited, especially in roses and carnations. Lily of the valley, violets and lilies are plentiful, however. The shipping trade shows marked activity with the approach of Christmas, and the supply department is also a very busy place.

W. J. Barnes is cutting some very fine carnations and the prospects for a good Christmas crop are excellent. Yellow and white narcissi are coming in good. He is still cutting some fine chrysanthemums. Quality stock in Begonia Lorraine, cyclamen and poinsettia plants are a feature.

T. J. Noll & Co. report a big week. Stock, while limited in supply, has been of excellent quality and cleans up daily. Shipping trade has been good and supplies for Christmas are going fast. Some excellent stock in violets and lilies are being received by this firm.

Wm. L. Rock Flower Co. reports business good; in fact, demand greater than the supply. Christmas preparations are keeping the entire force busy. Brisk sales are reported in pot plants, especially cyclamens, begonias and poinsettias.

Genial Philip Foley, of the Foley Greenhouse Mfg. Co., of Chicago, was in town this week visiting his many friends. If we had been advised of his coming in advance, several of the florists would have enlarged doorways for his benefit.

S. Bryson Ayres, who was sued recently by Wm. Stevenson for damages received while trying to run the Ayers automobile, has had his greenhouses attached to satisfy a judgment given Stevenson, the amount being \$2,500.

Arthur Newell has been handling some very good azaleas, cyclamens and begonia plants, all of which find a quick sale. He reports business good with plenty of funeral work.

The Geo. M. Kellogg Flower & Plant Co. have received their new Autocar, a much larger vehicle than the old one, which will be added to their delivery service.

J. Austin has a good line of pot plants for the Christmas trade.

Visitors: G. Wilcox and wife, Council Bluffs, Ia.; Chas. F. Meyer, of New York; H. C. Neubrand, representing A. N. Pierson, Inc., Cromwell, Conn.

E. J. B.

Albany, N. Y.

CLUB MEETING.

At the meeting to be held on the evening of January 6, the florists' club will install the following officers: Thomas F. Tracey, president; Charles Sanders, vice president; Robert Davidson, secretary-treasurer; Earl Shaw, James H. Snyder, and Samuel Hanson, trustees for two years. The ceremonies will be followed by the annual banquet, which will be an affair the members will not care to miss. Arrangements are in the hands of the entertainment committee, of which Louis H. Schaefer is chairman. The annual election took place at the December meeting. One new member, Philip Ulrich, of Johnstown, was elected.

The question box brought forth an interesting series of queries which were discussed interestingly by several of the members who through such means are becoming accustomed to think and talk on their feet. The questions included: "What Causes Light Browning on the Tips and Edges of Hadley Roses?" "What are the Three Best Pompons in Yellow, Pink and White Chrysanthemums?" "How Far Should Imported Baby Ramblers on Grafted Stock be Cut Back for Forcing?" "In Watering Poinsettias Will It do Harm to Spray the Bracts?" The answers were varied. Only one man had any experience with Hadley roses, and as he had placed the question in the box his query could not be answered. As to baby ramblers, the consensus of opinion was in favor of not cutting them back for the reason that it encourages the stock to put forth shoots and, generally, the bushes do not need to be cut back anyway. The views on watering poinsettias seemed to favor spraying, provided there be no sediment in the water. The stains are believed to come from dirt in solution. Thomas F. Tracey, manager of the Albany Cut Flower Exchange, wanted to know why orchids are so scarce. He was answered by a retailer who said this is not the season for them, but that there will be plenty by Christmas. Julius Berg, who travels for Lion & Co., New York, was asked to tell about business. He replied that he has lately been in many places in the state as far west as Buffalo and found that the retailers had an excellent business through Thanksgiving and that the outlook for the holidays is encouraging. A social hour with light refreshments brought the meeting to a close.

R. D.

Cincinnati.

STOCK IN LIMITED SUPPLY.

The general supply of stock in the market is not very large, and if there is any good strong steady demand at all the receipts clean up in a hurry each day. Shipping business is very good while the market for Christmas green and novelties is very active. Roses are not as plentiful as they were. They are having an active market. Carnations, at the time of this writing, are cleaning up very readily. Easter lilies are good sellers again, while callas are having a better market than they have had at any time this season. Chrysanthemum offerings include practically only the very late varieties. Double violets are beginning to come in heavy, while the quantities of singles available are about the same as during the past several weeks. Lily of the valley enjoy a steady call. Orchids and the limited amount of sweet peas sell pretty well. Other offerings include stevias, Paper White narcissi, snapdragons and baby primroses. The supply of greens is adequate for present needs.

NOTES.

Mrs. C. E. Critchell's popularity was well attested by the large number of elaborate tributes that were sent to the beautiful new Critchell home in Rose Hill. These tributes in number and quantity, as well as beauty, easily surpassed anything similar ever seen before in this locality. Besides these, many expressions of sympathy in telegrams and letters came to the bereaved family. At the services "Crossing the Bar" and "Abide With Me" were sung.

The E. G. Hill Floral Co. have some large decorations this week, among them being one for a local department store.

The regular meeting of the florists' society will be held Monday evening, December 13.

P. J. Olinger visited his greenhouses at New Castle December 7.

C. E. Critchell has been having excellent narcissi.

Visitors: I. M. Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia, Pa., and J. P. Keller, Lexington, Ky.

H.

Birmingham, Ala.

BOOM TIMES HAVE RETURNED.

This industrial city fairly teems with iron foundry men and steel workers who seem to have plenty of money and spend it with an amazing abandon. The congestion at the main street crossings is typical of Broadway at its busiest hours, the shops are thronged with men and women eager to spend money, and when it is known that the whole city is practically engaged in the manufacture of war material in its different raw shapes it is easily understood why everyone's pockets seem to fairly bulge with Uncle Sam's currency; but what impresses me most are the up-to-the-minute flower shops with which I do business. Strange as it may seem to the Yankee, this city, which undoubtedly possesses a population over the 200,000 mark, has but five very small greenhouse establishments and only five flower shops or retail stores. Writing on Thanksgiving day the flower shops are simply crowded with eager buyers and I was amazed to learn that most of the stock being sold came from the Chicago market. Particularly was this true when it came to lily of the valley, sweet peas, orchids and the choicest stock of roses, such as American Beauty, Richmond, Killarney, Russell, Ward, Sunburst, etc. Chrysanthemums were in great supply from pompons to the fanciest large sorts, all home grown. In addition the magnificent display of

pot plants were all local grown. These included begonias, primroses, coleus, plumbago, solanums, poinsettias, heliotrope, rubrum lilies, chrysanthemums and others.

NOTES.

The Elmwood Cemetery Corporation has turned its greenhouse business over to a new corporation, the Elmwood Floral & Nursery Co., who operate no store but who do a splendid business in the growing line.

The John L. Parker business is an active concern, both in the growing and their retail store, which is now in charge of a new florist to this city in the person of John Slack from St. Louis, Mo.

T. G. Owen, the well known grower of Columbus, Miss., has opened up a retail shop on Second avenue, with his son in charge, the style of the place being T. G. Owen & Son.

The McVay Seed & Floral Co. handles practically the entire cut of the Elmwood Floral & Nursery Co. This company operates a retail seed and flower shop at 2018 First avenue.

John A. Lambert is out of the business traveling on the road for a seed house, being succeeded by McDonald & Horst.

A. J. Koenig, who owns a nice greenhouse plant at Woodlawn, is looking after his retail store on Twenty-first street.

Hugh Seals, the well known greenhouse man, is now looking after his retail store in the city hall.

G.

Rochester, N. Y.

INDICATIONS OF GOOD CHRISTMAS TRADE.

Trade during the past week has only been what might be termed fair. There were a few weddings and some funeral work, but no great amount of business generally. Roses of all kinds are plentiful, with the exception of the red varieties, Milady, Francis Scott Key and Hadley continuing somewhat scarce. Killarney Brilliant and Ophelia are especially good and Maryland, Ward and Shawyer are also of excellent quality. American Beauties are also good and the supply is plentiful. Carnations are much improved, being larger and with longer stems. Benora, Beacon and Enchantress Supreme are among the favorites. Chrysanthemums are beginning to wane and the quality of this stock is only passable. Pompons are scarce and only a few have arrived since Thanksgiving. The quality of lily of the valley received here is fine and good Lillium Harrisii are plentiful. Laurel roping and Christmas greens have made their appearance. All indications point to a very profitable holiday trade.

NOTES.

Pearl Becker Wilson, wife of Ramsford W. Wilson, passed away at her home on Hudson avenue, November 29. Her death was unexpected and came as a sad shock to her relatives and many friends. A baby was born at the Wilson home two weeks ago and Mrs. Wilson seemed to be progressing nicely, when death suddenly claimed her. She was 36 years of age. Many beautiful floral tributes sent by the employes of the three Wilson establishments and local florists accompanied the remains to the last resting place. The trade extends its deepest sympathy to Mr. Wilson in his bereavement.

J. B. Keller's Sons executed a very handsome blanket of violets and cattleyas for the funeral of the late Isaac Teall. He was a prominent man and nearly all of the local trade had commissions for funeral designs.

H. E. Wilson has added a six-foot counter refrigerator of the McCray type to his equipment, which adds to the attractiveness of the interior of his store.

A new McCray refrigerator of handsome design has been installed in the new store of E. R. Fry, West Main street. Business at this establishment has been highly satisfactory.

Geo. T. Boucher will soon install a new McCray refrigerator in his establishment. It is to be unusually attractive and will be 15 feet in length.

Geo. Kramer is doing special work for S. A. Anderson, Buffalo, during December.

Hubert Springer has been on the sick list for several days.

Visitors: Julius Berg, of Lion & Co., New York; M. Stearns, representing the Sefton Mfg. Co., Chicago; Geo. Arnold, New York.

CHESTER.

Philadelphia Florists' Club.

The December meeting of the florists' club was graced with an exhibit of several of the new roses. Champ Welland, Mrs. T. Hilles, Géorgous and Prima Donna, vases of fine flowers of each, were much admired; also some splendid double bouvardia. The Michell silver cut for most new members secured in the next three months was also on view. The feature of the meeting was the debate directed by Chas. Grakelow, in the affirmative and W. F. Therkildson, in the negative, the question being, "Is it Wise for the Producer to Depend Entirely on the Enterprise of the Retailer for Marketing His Products?" The negative side won, it being the consensus of opinion that the producer should, and could, help considerably by scientific methods in growing, preparing, and shipping his stock, thus putting it in a class above the average and securing at the same time the best returns for his labor. Six new members were elected and 10 proposed for membership.

K.

St. Louis.

The wholesale houses report a fairly good Thanksgiving trade with prices moderate. There were many beautiful window decorations for Thanksgiving in the retail line, two of the most notable being Schoenle Floral Co. and the Windler Wholesale Floral Co. of South Grand avenue.

Calling on the Kirkwood growers recently the writer found Christmas crops coming along nicely. W. A. Rowe has some especially fine carnations. At W. J. Pilcher's, American Beauty roses are in good shape for the holiday season.

A. Hoffman, one of the oldest employes of Shaw's Garden, died November 23. He had been connected with this establishment and Tower Grove park for the past 25 years.

Carl Vaughan, representing Vaughan's Seed Store, was a visitor this week.

W.

Providence, R. I.

The Florists' and Gardeners' Club of Rhode Island have elected the following officers to be installed at the January meeting: James Dillon, president; Wm. Steele, vice-president; James Hockey, treasurer; Wm. E. Chappell, secretary; Cornelius Hartstra, Owen McManmon and John Marshall, executive committee.

New York Bowling.

The scores of the New York Florists' Bowling Club rolled December 2, were as follows:

J. Miesem	.....172	213	172
C. W. Scott	.....145	187	203
J. Fenrich	.....168	171	150
W. H. Siebrecht	...139	171	159
P. Jacobson	.....146	150	156
W. P. Ford	.....145	162	154
H. C. Riedel	.....146	150	148
		A. F. F.	

Cleveland.

The market the past week has been good. Stock has not been overplentiful and prices generally have been firm on all lines. American Beauties are bringing a better price and stock, especially in the long and medium grades, is very good. Carnations are less plentiful than the previous week and cleaned up early every day. Stevia and Paper White narcissi are now a factor in everyday sales. A few pompons and smaller yellow and pink chrysanthemums still arrive, but the demand is only good on the pompons; the others do not seem to be much sought after. Calla lilies are becoming more numerous and the demand good, also the same in Easter lilies and lily of the valley is equal to the demand and the quality is of the best. A few sweet peas arrive but are usually sold before being unpacked. Violets are moving nicely. Greens of all kinds are plentiful.

NOTES.

The Elks' memorial, which was held December 5, created quite a demand for white carnations and white roses, the market being entirely cleaned up early on Saturday morning.

Geo. Bate, Al Barber and Geo. Nixon, of the Park Flower Shop, went hunting rabbits near Mentor, Ohio, on Wednesday of this week and bagged 20 of the furry "bunnies."

Chas. F. Bastian, of the Cleveland Florists' Exchange, visited the greenhouses of The Lamborn Floral Co. at Alliance, Ohio, Thursday, December 2.

C. F. B.

Oklahoma City.

BUSINESS NORMAL AFTER RUSH.

Thanksgiving trade was very good, showing a little increase over that of last year, and was in keeping generally with the business during November, which was very satisfactory. The ceremonies attending the laying of the cornerstone of the new state capitol, Nov. 16, following an immense parade and the presence of many thousands of visitors in the city, kept the florists especially busy putting up party decorations and supplying flowers for dinner tables, corsages, etc. The convention of the schoolteachers of the state, 6,000 in number, which was also a November event, also caused a demand for quantities of cut flowers. Since the beginning of December business has steadied down considerably; especially is this noticed in the number of social functions for which there had been a really brisk demand for flowers and decorations during the latter part of November. The florists are energetic advertisers, however, and what, with the space they use in the daily papers, and their efforts in keeping elaborate window displays continually, they manage to draw some business all the time, so that it can hardly be said that business is really dull even though we are in the first part of the last month of the year, a period which is usually a dull one with all florists.

NOTES.

The Stiles Co. reports that their business is showing a nice increase over last season, and they are looking forward to a very heavy trade for the coming holidays. This firm is also handling special bunches of mistletoe, not in a retail way, but in the way of supplying it to northern and eastern florists. The crop seems to be well berried this year and of good quality generally.

Furrow & Co. say that the amount of business being done is showing an excess over the same months last year. This firm will commence building a range of glass about the beginning of January on their land in the north-west part of the city. The houses to

be built will be of iron construction and up-to-date in every particular.

"December Work in the Flower Garden" is the title of an essay on the program of the State Civic Improvement Association, which will be read by Lon Foster of Furrow & Co. at the December meeting of the association.

Clyde Batten, a member of the Stiles Co.'s staff, and also secretary of the Oklahoma State Florists' Association, together with Mrs. Batten, are rejoicing in the arrival of a nine-pound daughter at their home.

Some of the local florists made up a hunting party and spent December 5 in the country with guns and ammunition. We are expecting an invitation to a banquet of big game.

Visitors: M. Myer, New York; John Furrow, Guthrie, Okla. S. S. B.

Washington.

MARKET SHOWS CONTINUED IMPROVEMENT.

With stock not overplentiful and prices good, the market continues to improve. Chrysanthemums are getting very scarce, and what few are to be had bring from \$1 to \$2.50 per dozen. Orchids are a little more plentiful and are more reasonable in price. Gardenias are still scarce, those arriving being small and are quoted at from \$2 to \$3 per dozen. Roses of all kinds are selling at prices varying from \$4 to \$15 per 100. Carnations and sweet peas are also scarce and the demand far in excess of the receipts.

NOTES.

The opening of congress called for extra work at a number of the florists' establishments. J. H. Small & Sons arranged a number of very elaborate baskets and large bunches. Gude Bros. Co., Geo. H. Cooke, Z. D. Blackistone, Marche & Co., Geo. C. Shaffer, and a number of others had their share of the orders.

The suffrage parade called for quantities of yellow stock, both in chrysanthemums and roses, several of the florists having orders for the decorations of the small cars carrying the leading suffragists.

Theo. Diederich is sending in some extra fine snapdragons, and is still sending in some bunch chrysanthemums.

Joe Merritt is showing some fine boxwood wreaths; also displays of ground pine and hemlock, which find ready sale.

O. A. C. Oehmler has a miniature peace steamship in his pond which attracts considerable attention.

Spice berries in this section are very scarce and what are being received are of poor quality.

M. Gordon, formerly with F. H. Kramer, is now with the DuPont Floral Co.

W. Clarke & Son are cutting poinsettias, but the quantity is limited.

Visitor: J. Dilhoff, New York. G. C. D.

Wichita, Kan.

THANKSGIVING TRADE BEATS 1914 RECORD.

Thanksgiving day's business seems to have given a nice margin above last year's figures. Added to this was the comfortable feature of an adequate supply of really good chrysanthemum stock produced locally. While roses, carnations and American Beauties moved fairly well, the heavy demand was for chrysanthemums, with yellow as the favorite by a few points. There was no advance over the usual everyday prices, chrysanthemums bringing from \$2 to \$5 per dozen retail, with pompons and shorts from pot grown stock filling in the demand for goods at prices below these figures. Weather conditions were favorable and doubtless had much to do with transient buying.

NOTES.

W. H. Culp and Co. are much pleased with the way the trade found them in their new store—they were splendidly stocked with fine chrysanthemums and a block of Harvard seemed to find special favor among the rooters for the winning football team of one of the local colleges.

Mr. McCabe, representing A. L. Randall Co., was a visitor Wednesday; he found plenty doing among the florists, and in at least one instance, helped materially in the doing. He reports business as good among the southwestern florists.

C. A. Rose states that his Thanksgiving day trade was very good. Mr. Rose has put in a nice line of gold fish, globes and accessories.

Harry Mueller has joined the ranks of the married men and is receiving the best wishes and congratulations of his many friends.

Floyd Arrington, with W. H. Culp & Co., surprised a few of his friends (others suspected him) by getting married last week.

Chas. P. Mueller plans the erection of two new houses, each 30x150 feet, to be completed by early spring.

F. Kuechenmeister has added a Ford delivery car, with specially constructed body, to his equipment.

Frank Cluff disposed of a nice little surplus of chrysanthemums at wholesale.

W.

Milwaukee, Wis.

GOOD SALES AT SATISFACTORY PRICES.

With the majority of the chrysanthemums out of the way for this season, and with a noticeable increase in demand, conditions were very favorable the past week. The supply of roses has increased considerably, but with the good demand all cut flowers were moved at satisfactory prices. Nothing had to be sacrificed as job lots. After reviewing the Thanksgiving trade, the wholesalers are very optimistic regarding conditions for the Christmas trade. There will be plenty of good pot plants and cut flowers if the unforeseen does not happen.

CLUB MEETING.

The florists' club meeting, which was held December 2, was the best from the standpoint of attendance held during the year 1915. It was annual election night and announcement of Wm. Kennedy giving an illustrated talk on his western trip, undoubtedly was the cause of the large attendance. Archie McDonald and Leon B. Thorpe were taken in as new members. Treasurer Livingstone's report showed that the club's financial standing is still a healthy one. C. C. Pollworth, in making a report on the Cleveland flower show, had only words of praise for the way the show was managed, and what, in his opinion, was the best feature, was the co-operation among the retailers, which he thinks did its share to make the show what it was. Wm. Kennedy, as one of the judges at the Chicago floral festival, gave a brief report, in which he claimed that it was the best flower show, considering quality, that was ever staged in that city. He then, with the aid of a stereopticon, explained and showed views of the cities visited and the wonderful vegetation as it looms up in its various colors and huge masses in the state of California. The collection also contained many views of the Panama-Pacific exposition. The following officers were re-elected for the ensuing year: Wm. R. Schroeder, president; Henry W. Kummer, vice-president; James Livingstone, treasurer; Eugene Oestreicher, secretary; C. C. Pollworth, trustee for three years.

NOTES.

The decorations at the charity ball, December 2, consisted of four large baskets, with a spread of 35 feet each, made mainly of wild smilax and berry flowers for the ceiling part. The balcony was festooned with evergreen baskets, while on the main floor many white chrysanthemum trees about four feet high gave the whole an artistic appearance. The work was executed by Mrs. A. F. Kellner Co. for the J. M. Fox & Son store.

At the A. F. Kellner Co.'s establishment, one of the teamsters, known to all as Cony, had the misfortune to fall from a shed November 28. Besides a deep gash in the head, his back was so badly hurt that even at this time it is a strain for him to be about with a cane. They do not expect him to return to work before the new year.

Gust Rusch of G. Rusch & Co., reports, Thanksgiving sales ahead of last year as to dollars and cents. Gust left December 7 for St. Paul and Minneapolis, to attend the fall meeting of the Minnesota State Florists' Society and the Minnesota Horticultural Society. He took some of the famous Cudahy roses with him.

At the C. C. Pollworth Co.'s store the demand for Christmas supplies is very brisk. At their greenhouses they have an unusually large lot of fine azaleas and poinsettias coming along among their supply of other blooming and ornamental pot plants.

The Fox Point Floral Co., noted heretofore for the exceptionally fine cyclamen they grew, have comparatively few this season; a little insect mite, which they could not combat, is the cause.

Not having quite enough regular work, A. Reinhardt, of North Milwaukee, got busy and is now putting up three new houses, each 27x126 feet, to be used to increase his cut of carnations.

The Holton & Hunkel Co. reports everything coming along in fine shape for the holidays. Ferns, palms and blooming plants never were in finer shape.

Chas. Koch, of the Wauwatosa Floral Co., is coming into crop with a nice lot of sweet peas. He is also cutting some fancy carnations.

At the Greenwood Carnation Co., North Milwaukee, they report prospects for a heavy cut in carnations for the Christmas trade.

Visitor: Louis Harding, Two Rivers, Wis. E. O.

The Late Mrs. Gertrude Brinton.

Mrs. Gertrude Brinton, wife of Maurice J. Brinton, one of the best known florists of Lancaster county, Pennsylvania, residing at Christiana, died as the result of a complication of diseases and after an illness of several months. She was the daughter of the late Henry Rakestraw, of Chester county, Pennsylvania, a graduate of the West Chester normal school, a member of the Friends' church and a woman who will be deeply missed in her community, having been active in all matters pertaining to the welfare of her home town.

She was a devoted wife, a loving mother, a woman who was of incalculable help to her husband in his business, and the florists of Lancaster county all extend their heartfelt sympathy to Mr. Brinton and his two children, Grace and Maurice, Jr. Her mother, Mrs. Jennie Rakestraw and two married sisters also survive her. The funeral services were held December 6, and the quantities of the flowers she loved so well, tributes of her many friends, showed the esteem in which she was held by all who knew her. A. M. H.

FAR AND NEAR.

MANKATO, MINN.—The Windmill Co. will add a rose house to its range in the spring.

CASTLE SHANNON, PA.—The Ludwig Floral Co. will add four new houses to their range here.

SANDWICH, ILL.—The greenhouse of Mrs. Frances Spickerman was damaged by fire, November 12.

ROCHESTER, N. Y.—Two houses, each 20 by 150 feet, will be added to the range of Hugo Teute.

BAY CITY, MICH.—Rudolf Strohmer will erect a greenhouse to cost \$1,000 at 1600 Campeau avenue.

CLAREMONT, N. H.—The Claremont Flower Shop, conducted by Mrs. Allen, has discontinued business.

PORT ARTHUR, TEX.—Griffing Bros. won 28 first and 6 second premiums at the South Texas state fair.

NASHVILLE, TENN.—Leslie Littell is building one new house 26 by 48 feet near the National cemetery.

BATTLE CREEK, MICH.—T. H. Fuller, 649 Marshall street, is making a specialty of gladioli at this place.

SYRACUSE, N. Y.—Robert H. C. Bard will open a retail florist establishment in this city in the near future.

FT. WORTH, TEX.—Thanksgiving business was very gratifying. A successful cut flower season is anticipated.

DES MOINES, IA.—The Kirkwood Flower Shop has opened for business in the Kirkwood hotel building on Walnut street.

NEW PROVIDENCE, N. J.—L. B. Codding is building four new rose houses, 61 by 500 feet, which will cover four acres.

ROCKFORD, ILL.—Five new houses which comprise the range of Swan Peterson were opened to the public November 12.

AUGUSTA, ME.—A new rose and perennial garden is under construction on the estate of the Hon. George E. Macomber.

KIRKSVILLE, MO.—Wm. Hertel succeeds the firm of Hertel & Miller, Mr. Hertel being no longer associated with S. G. Miller.

MODESTO, CALIF.—The Modesto Flower Shop, under the management of Mrs. Frank Smith, has opened at 926 Tenth street.

HOOSIC FALLS, MASS.—R. Marshall & Co., florists, have filed a petition in bankruptcy. The liabilities are \$4,151; assets, \$1,500.

BOONVILLE, MO.—The new greenhouse at the training school has been completed and is under the charge of H. E. Brewster.

WOODSTOCK, ILL.—Fire, starting in the heating plant at the greenhouses of George Moncur, was extinguished with slight damage.

BRISTOL, R. I.—Fire in the greenhouses of LeBaron Bradford on Church street caused several hundred dollars damage, November 2.

BALTIMORE, MD.—Forthuber & Williams have opened a flower shop on North avenue, which will be known as the Parkway Flower Store.

GREENSBURG, IND.—The Bertsch Floral Co. has opened a downtown store in the Red Men's block. The new store is complete in all of its appointments.

GLOVERSVILLE, N. J.—Mrs. Denham and her daughter, Mrs. D. L. Bradt, will continue the florist business of her late husband, E. J. Denham.

OMAHA, NEB.—Hess & Swoboda are planning an addition to their range. This firm reports trade shows a nice increase over 1914 business.

WHEELING, W. VA.—The Virginia Flower Shop, under the management of George Stanley Wehrley, has been opened at 1212 Market street.

MADISON, N. J.—Faulty insulation was the cause of a fire at the Noe homestead on Noe avenue, November 14, which resulted in considerable damage.

CORFU, N. Y.—The Scott greenhouses, which were purchased three years ago from the Wm. Scott Co., by Nelson A. Brown, of LeRoy, have been sold to David J. Scott.

EVANSTON, ILL.—A fire starting from spontaneous combustion in a coal pile, caused damage to the extent of \$300 to the greenhouse of John Becker, 1527 Washington street.

DEKALB, ILL.—The Flower Store is being completely redecorated. New furnishings will also be installed, making one of the finest establishments of its kind in this section.

BOSTON, MASS.—The Henry M. Robinson Co. has been incorporated with a capital stock of \$150,000. The directors are Henry M. and Charles A. Robinson and Joseph Margolis.

WINSTON-SALEM, N. C.—Wm. Morgenroth, of Danville, Va., formerly associated with the Eldridge Flower Store in that city, will open a flower shop here in the Hinshaw building.

WATERLOO, IA.—Fire, attributed to spontaneous combustion, started in the boiler room of the Kemble Greenhouses, November 10 and caused damage amounting to \$400; fully insured.

ST. LOUIS, MO.—At a recent meeting of the directors of the Missouri Botanical garden, it was decided to keep the garden open every day in the year with the exception of Christmas, New Year's day, Fourth of July and Labor day.

MINNEAPOLIS, MINN.—The Minneapolis Florists' Club has arranged for a club for instruction of inexperienced florists. Meetings will be held weekly and the older men in the trade will act as teachers.

HOUSTON, TEX.—At a meeting of the florists' club, November 22, officers for the ensuing year were elected as follows: C. L. Brock, president; H. H. Kuhlman, Jr., vice-president; A. L. Perring, secretary; Paul M. Carroll, treasurer.

CHATTANOOGA, TENN.—As a direct result of the work done by the industrial department of the N., C. & St. L. railway among the potato growers of West Tennessee in urging co-operation, there is a sweet potato crop in that section this year of 135,000 bushels.

DALLAS, TEX.—The Lang Floral & Nursery Co. as highest bidder, has purchased the entire assets of the Brown-Dawson Co., the amount of its bid being \$3,550. Both the greenhouses and the store on Elm street will continue to be operated to their full capacity.

HOUSTON, TEX.—One of the most creditable displays at the exhibition of the Texas State Florists' Association, held in this city November 18-20, was that staged by W. W. Coles, of Kokomo, Ind. This was a magnificent exhibition of carnations, roses and chrysanthemums and contributed largely to the success of the show.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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It is said a California grower will try the cultivation of azaleas and other plants on the Belgian plan.

NATIONAL Flower Show posterettes are now available and supplies may be had on application to W. F. Therkildson, 475 North Fifth street, Philadelphia, Pa.

A FLORIDA concern is now growing fancy-leaved caladiums for their leaves which are sold through the New York wholesalers at prices ranging from five to ten cents each.

American Gladiolus Society.

The American Gladiolus Society will hold its seventh annual meeting and exhibition in Boston, Mass., in August, 1916, the selection resulting from the following vote of the members: Boston, 56; Cleveland, 12; Rochester, 9. Many would have voted for Rochester had an earlier date been available.

H. YOUELL, Sec'y.

Gas Poisoning From Bulbs.

With reference to the case of alleged gas poisoning from bulbs in steamers' hold, reported in our issue of September 18, page 484, Prof. John M. Coulter, the well known botanist, writes: "We have no knowledge of any such possibility as is suggested by this story. Our inclination would be to doubt that the lily bulbs had anything to do with the catastrophe. Of course, carbon dioxide is given off in respiration, and at rather high temperature it might be escaping from the lily bulbs. At the same time, in a confined place the oxygen supply might be exhausted. This situation might give one a choke-damp sensation, until fresh air was admitted. As to poisonous gases, given off by such bulbs, we have no knowledge, and doubt it to the point of disbelief."

New York Flower Show.

What will be something of an innovation at flower shows will be the class added to the premium schedule for the forthcoming show to be held April 5-12, 1916, in the Grand Central Palace, New York, covering a window box of wood, to contain flowering plants of a nature to last through summer, outdoors. The first prize, \$25, is offered by Miss Georgie Wayne Day of New York. Louis Sherry, the well known restaurateur, has offered, through A. L. Miller, a \$100 cup, to be awarded at the discretion of the committee. The Hotel Astor, also through Mr. Miller, offers a \$50 cup. Emile W. Savoy, of Seacaus, N. J., offers \$25 for the best specimen bougainvillea exhibited at the show. There is still a good supply of copies of the preliminary schedule on hand. Any one interested, not in possession of a copy, should make application for one to

JOHN YOUNG, Sec'y.

The First Convention Garden.

All visitors to the Minneapolis convention of the Society of American Florists, and many others who read of this initial commemorative scheme, will wonder how it has been worked out since, and what are the plans for the future. It was a great privilege, some few weeks ago, to see the garden at its best and to find that planting has gone on with a view to making it a still more attractive place where even the passerby will feel compelled to turn in. The large beds are now partly filled with hardy perennial plants and this will be extended in time to include many such subjects as will thrive there, which, while being a thing of beauty will still have great educational value. Additions are being made to the collections of peonies and phlox as occasion comes, and the number of other plants already secured for the garden, many of them uncommon, make this one of the most interesting places in the city of parks and lakes. Fine

beds of gladioli, cannas and other summer-flowering plants were still in good form, including the finer decorative grasses, and these may in part always be planted to get the best effects the whole summer. The famous rose garden was still bright with flowers. After a summer of surpassing beauty of bloom it was a surprise to see the health and vigor of the hybrid teas, so far north, and goes to prove that skill and care will overcome great climatic difficulties. A day spent with Theodore Wirth, superintendent of parks and founder of the first convention garden, is one to be remembered, and the feeling was ever with us that he may be spared to complete the work already under way, leaving for himself a monument more beautiful and enduring than those of the ancient Greeks and Romans.

E. O. ORPET.

Missouri Botanical Garden Alumni Ass'n.

The first annual meeting of the above association was held in the graduate lecture room of the Missouri Botanical Garden, St. Louis, November 19. Following the roll call by the secretary, Dr. George T. Moore delivered an address of welcome, to which Arthur R. Gross responded with a review of the year's work of the association. Interesting papers were read by John Noyes and L. P. Jensen, the former taking for his subject "The Pursuit of Beauty," while the latter's topic was "The Use of Native Material for Ornamental Planting," illustrated by lantern slides. Both papers were followed by animated discussions. In the evening those in attendance at the meeting were guests at the annual banquet provided for under the will of Mr. Shaw.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cincinnati, O., December 13, 8 p. m.—Cincinnati Florists' Society, Hotel Gibson, Alex Ostendarp, secretary, 24 East Third street, Cincinnati.

New York, December 13, 7:30 p. m.—New York Florists' Club, Grand Opera House building, 23rd street and 8th avenue. John Young, secretary, 53 West 28th street, New York.

Rochester, N. Y., December 13, 8 p. m.—Rochester Florists' Association, 95 East Main street. H. B. Stringer, secretary, 47 Stone street, Rochester.

Holyoke, Mass., December 14, 7:30 p. m.—Holyoke and Northampton Florists' and Gardeners' Club, Members place of business. James Whiting, secretary, French Hall, M. A. C., Amherst, Mass.

Milwaukee, Wis., December 16, 8:15 p. m.—Milwaukee Florists' Club, J. C. Kiegler's Cafe, State and Third streets. Eugene Oestreicher, North avenue and 55th street, Milwaukee.

Newark, N. J., December 16, 8 p. m.—Essex County Florists' Club, Krueger Auditorium, Belmont and Springfield avenue. Edward Jacobi, secretary, 109 West Clinton avenue, Irvington, N. J.

St. Louis, Mo., December 16, 2 p. m.—St. Louis Florists' Club, Odd Fellows' hall No. 2. J. J. Beneke, secretary, 1216 Olive street, St. Louis.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

January 26-27, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 38th and Rockwood avenues, Indianapolis, Ind.

March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville, Ill.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted By German, 28 years of age; married; six years experience in growing cucumbers in bothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By a young man, single; thoroughly experienced in arranging Christmas baskets, care of plants, designing, etc. Call or write C. K. care Wieter Bros., 162 N. Wabash Ave., Chicago.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. Address Key 567, care American Florist.

Situation Wanted—By a married man; no children; had lifetime experience in growing roses, carnations, chrysanthemums and all kinds of greenhouse stock. Give me a trial. Address Key 569, care American Florist.

Situation Wanted—By young man as assistant storeman, strictly honest sober and reliable, 3 years in the trade. Have A1 reference. Chicago or the middle west preferred. Can come Dec. 12. Please state wages in first letter. Address Key 579, care American Florist.

Situation Wanted—As foreman by Englishman private or commercial; has life experience in horticulture; thoroughly practical; first-class credentials and references from England and Canada. Address Key 588, care American Florist.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. Address Key 579, care American Florist.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address Key 588, care American Florist.

Situation Wanted—Private or commercial place 12 years experience in growing pot plants and cut flowers. Understand hot water heating and carpenter work. Man and wife. Steady position wanted. Age 39. Address Key 564, care American Florist.

Situation Wanted—By a No. 1 designer and decorator, having 16 years' experience in the florist business, wants a position with an up-to-date store; capable of managing a good store. Can give first-class references. State salary and if permanent position in first letter. Address Key 564, care American Florist.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. East preferred. Open for engagement now, or by Jan. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Situation Wanted—Young man seeks situation as foreman or assistant on good private place; can furnish first-class references from Great Britain and America. Has had experience in orchids, roses, carnations, bedding stock, general line of pot plants, fruit under glass, etc. Have been in both commercial and private establishments for the last ten years. Can be well recommended from present place. For references, etc., apply to S. THOMAS, 527 Wood st., W. Lafayette, Ind.

Help Wanted—Florist of experience under glass and able to supervise care of grounds. Houses commercial. Single man preferred; good wages. Write to OXFORD SANITARIUM, Oxford, Ohio.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For Sale or Partner—Small greenhouse on seven acres choice garden soil. All or part to man having small sum of money to invest with his labor. Best location. No opposition. Address DR. F. E. GRAVES, Hinkley, Ill.

For Sale—Three greenhouses, over 3,000 feet of glass; 8 room dwelling; 7 acres good land; dwelling and greenhouses steam heated and electric lights; own water supply outfit. \$3,700 takes the place, stock and good-will. Clear title. Doing good business. Address Key 583, care American Florist.

For Sale—Cheap. In Detroit, where life is worth living, my retail florist business, located in a good neighborhood and on the main car lines to 6 of Detroit's cemeteries; there is no competition and am doing a good business. I have other interests that demand my attention. For terms address BARTHEL'S FLOWER SHOP, 1192 Gratiot Ave., Detroit, Mich.

For Sale or Rent—Modern greenhouses, 10,000 sq. feet glass, well stocked, plants and cut flowers; good location, fine neighborhood, Milwaukee Co. will sell stock and give favorable lease or sell all on easy terms. Key 585, care American Florist.

Greenhouse For Sale—Monger houses, modern; 13,000 ft. of glass; steam heat; cheap gas fuel; located in city of 40,000 in Eastern Oklahoma; wholesale and retail business of about \$10,000 a year; established six years. Poor health cause for selling. Entire plant invoices about \$15,000. Will sacrifice. Five thousand dollars, balance terms will handle it. Plant not for rent or trade. This is a good opportunity. Address Key 589, care American Florist.

Help Wanted At Once.

First class store man. Give reference in first letter.

The J. M. Gasser Co.
CLEVELAND, OHIO.

Wisconsin Retail Establishment FOR SALE.

Six greenhouses consisting of 12,000 feet of glass heated by two hot water boilers. Workshed and office in connection, with basements underneath both. Place is planted with Roses, Carnations, Chrysanthemums, Violets and pot plants, and is the only stand in live city of 5,000 inhabitants, with several good towns to draw from nearby. One to two acres of land and satisfactory terms to right party. Biggest bargain ever offered. Write for further particulars; do it right now. Hurry. Key 584, care American Florist.

Chicago Park Gardeners' Examination.

The civil service board of the West Chicago park commissioners will hold examination No. 181 for the position of Gardener, Class G, Grade II, at the Garfield park pavillion, December 28, at 9:00 a. m. The position is open to men between the ages of 21 and 50 years. Pay 28½ cents to 37½ cents per hour. Applications must be filed in the office of the civil service board in Union park before 5 p. m., December 27, 1915. Application blanks may be had by calling or telephoning (Moore 5840) the civil service board at Union park.

Subjects: Special subject, weight of 5; experience, weight of 3; physical, weight of 2.

Special Subject: To include a written and oral test on the identification, general care, planting and characteristics of trees, shrubs and perennials.

The duties of gardener include the planting, pruning and general care of trees, shrubs, perennials and outside gardens, and occasional supervision of laborers in related work.

This examination is being held in order to obtain a list of eligibles for filling vacancies in the service for the next two years. There are no vacancies at present.

FRED. G. HEUCHLING,
Superintendent of Employment.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2½ x 5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO



You need it now for names and addresses.

SPECIAL VALUES in ARAUCARIAS



Araucaria (Norfolk Island Pine)

Araucaria Excelsa

	Each
6 inch pots, 16 to 18 inches high, 4 to 5 tiers,	\$0.75
6 inch pots, 18 to 20 inches high, 5 tiers,	1.00
6 inch pots, 22 to 24 inches high, 5 to 6 tiers,	1.25

Also a limited stock of 4 inch pots, 5 to 6 inches high, 30c each.

Araucaria Robusta Compacta

	Each
7 inch pots, 16 to 18 inches high, 3 to 4 tiers,	\$1.50
7 inch pots, 18 to 20 inches high, 4 tiers,	2.00

Araucaria Glauca

	Each
7 inch pots, 14 to 16 inches high, 3 to 4 tiers,	\$1.25

HENRY A. DREER

714-716 Chestnut Street

PHILADELPHIA, - - - PA.

The above prices are intended for the trade only.

Kentias, Araucarias, Ferns

and Other Foliage Plants for Christmas

WE HAVE A FINE STOCK READY NOW

KENTIAS.

Kentia Forsteriana, 4 in. pots, 16 in. high, 25c; 6 in. pots, 28-30 in. high, \$1.00; 6 in. pots, 36 in. high, \$1.50; 7-in. pots, 40-42 in. high, \$2.50; 7 in. pots, 38-40 in. high, \$2.00; 9 in. combination in green tubs, 4½-5 ft. high, \$5.00.

Kentia Belmoreana, 4 in. pots, 16-18 in. high, 35c; 6 in. pots, 22 in. high, \$1.00; 6 in. pots, 24-26 in. high, \$1.25; 6 in. pots, 30 in. high, \$1.50.

ARAUCARIAS.

Araucaria Excelsa, 3 to 4 tiers, 16 to 18 in. high, 60c; 3 to 4 tiers, 22 to 24 in. high, 75c; 26 to 28 in. high, \$1.00.

Araucaria Excelsa Glauca, 6 in. pots, 18 to 20 in. high, \$1.00; 20 to 22 in. high, \$1.25; 28 to 30 in. high, very handsome specimen, \$1.50 to \$2.00.

Araucaria Robusta Compacta, 7 in. pots, 2½ to 3 ft. high, \$2.00.

Livistona Rotundiflora.

A Fan Palm, 4 in. pots, 30c; 5 in. pots, 40c.

FERNS.

Our ferns are all pot-grown during the summer, making a fern sturdy and well shaped. We have three large houses full. **Boston Ferns**, 6 in. pots, 40 to 50c; 7 in. pots, 75c; 8 in., \$1.00. **Scottii Ferns**, 6 in. pots, 50c; 7 in. pots, 60c to 75c. **Whitmani Compacta**, large plants, 7 in., 75c. **Teddy, Jr.**, 7 in. azalea pots, 75c.

Dracaena Terminalis, 5 in. pots, 50c; 5½ in. pots, 60c, well colored. **Dracaena Fragrans**, 6 in. pots, large plants, 75c.

Pandanus Veitchii, 5½ in. pots, 75c.

Aspidistra, green-leaved, 6 in. pots, \$1.00.

We also have a fine lot of **Azaleas** and **Hydrangeas**, both Otaksa and French varieties, for Easter forcing. Write for prices.

GODFREY ASCHMANN,

1012 West Ontario Street,

Philadelphia, Pa.



Evergreen Wreathing.

Fine grade, not to be compared with the commission stock usually offered. 20-yard coils, **light, medium and heavy.**

Holly Wreaths.

Made in the best style of specially selected stock, artistic and substantial in every way.


12-inch, 14-inch, 16-inch, 18-inch

packed and handled as is Vaughan's XXX Brand **cannot** be sold any cheaper. If therefore these gentlemen were to put the **TRUE VALUE** on their product the price would **give away the real quality.**

And so they tail along trying to "fool part of the people all of the time" into believing the **FALSE DOCTRINE** that they can equal

VAUGHAN'S XXX HOLLY

Chicago High Class retail Florists who have tried all Holly dealers for a score of years, steadily **INCREASE THEIR ORDERS WITH VAUGHAN!!**

 Carload shipments of fresh cut stock arriving regularly and now on track at Chicago and New York.

Sample case, \$5.00; 3 case lots, \$4.50 per case; larger lots 10 to 20 cents lower.

Evergreen and Laurel Wreathing, Mistletoe, Winter Berries, Baskets, Ruscus, Immortelles and Japanese Roping.

VAUGHAN'S SEED STORE

CHICAGO: 31-33 Randolph St.

NEW YORK: 43 Barclay St.

For Twenty-five years **Vaughan's XXX Holly**

has represented the **highest standard** for selected, dark foliated, well berried Holly branches in all the territory west of Pittsburgh.

The Vaughan organization instituted the special inspection of this stock at the sources of supply and our present packers are men trained in this service for more than a dozen years.

We have never handled a car of Atlantic Coast rough stock.

Firms envious of the standard created by us yearly imitate our advertising and our descriptions, and each season while claiming "fancy" stock always try to secure some of our trade by cutting the case prices a few cents.

We agree that at the prices these competitors average to pay on their contracts they should be able to **cut prices a dollar a case.**

Why don't they do so?


We'll tell you why: It is because our customers know that Holly selected,

packed and handled as is Vaughan's XXX Brand **cannot** be sold any cheaper. If therefore these gentlemen were to put the **TRUE VALUE** on their product the price would **give away the real quality.**

And so they tail along trying to "fool part of the people all of the time" into believing the **FALSE DOCTRINE** that they can equal

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 Carload shipments of fresh cut stock arriving regularly and now on track at Chicago and New York.

Sample case, \$5.00; 3 case lots, \$4.50 per case; larger lots 10 to 20 cents lower.

Evergreen and Laurel Wreathing, Mistletoe, Winter Berries, Baskets, Ruscus, Immortelles and Japanese Roping.

VAUGHAN'S SEED STORE

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NEW YORK: 43 Barclay St.

JULIUS ROEHRS COMPANY

RUTHERFORD, N. J.

CHOICE

Christmas Offerings

Ardisias **Camellias** **Begonia Lorraine**
Begonia Mrs. J. A. Peterson
Begonia Cincinnati **Dracaenas** **Daisies**
Poinsettias **Ericas** **Cyclamens**
Azaleas **Farleyense** **Pandanus Veitchii**

PLACE YOUR CHRISTMAS ORDER NOW



ARAUCARIA EXCELSA.

Begonias Cincinnati Well furnished, in full bud and bloom; good foliage, 5 in., doz., \$7.00; 6 in., doz., \$9.00.
Lorraine

CYCLAMEN, assorted, 4-in., large in flower per 100, \$20.00

Araucaria Excelsa, special line,
 4-inch, 3 tiers, doz., \$ 5.50
 Per 100..... 40.00
 5-in., 2 ft., 5 tiers, each, 1.00
 Doz..... 10.00
 6 in., pots, 2½ ft., 6 tiers,
 each, \$1.25; doz 14 00

Aucuba Japonica, bushy, well furnished.
 Per doz. Per doz.
 12-in..... \$3.50 24-in..... \$ 8.00
 18-in..... 5.00 30-in..... 10.00

Crotons, in variety, all bright colors including Readii. 4 in., 35c and 50c.

Dracaenas, in variety, and sizes. **Sanderlana**, **Kellerlana**, **Terminalis**, **Massangeana**, in good color.



CYCLAMEN.

AZALEA PLANTS, in bloom, doz., \$12.00-\$15.00-\$24.00

Come and see our stock. Send for samples.

CHICAGO.
31-33 W. Randolph Street,

Vaughan's Seed Store,

NEW YORK.
43 Barcay Street,

Greenhouses, Western Springs, Ill.

Phone Calls
WARSAW 808-X
WARSAW 944-X

J. A. PETERSON & SONS

WHOLESALE
PLANT GROWERS
McHenry Avenue, Westwood
CINCINNATI, O.

SPECIALTIES

New Begonia "Melior"
Begonia "Glory of Cincinnati"
Begonia "Gloire de Lorraine"
Pandanus Veitchii
Adiantum Farleyense
Hydrangeas in Specimens
Bird's Nest Fern

CINCINNATI, December, 1915.

For immediate and the Holiday Trade we have the following choice plants to offer:

New Begonia "**Mrs. J. A. Peterson;**" we take pleasure in introducing for the first time this splendid novelty; the flowers are of a deep cerise, changing to a dark red as the flowers grow older; the foliage is of a dark reddish bronze shading into green. It has been awarded a Silver Medal at the International Flower Show in New York, March, 1915; Certificates of merit by New York, Chicago and Pittsburgh Florists' Clubs.

We offer good strong plants full of bloom, 6 inch pots, at \$2.00 and \$2.50 each.

Begonia "**Glory of Cincinnati,**" Begonia "**Melior**" (new in 1914). No flowering plants of recent introduction have given better satisfaction, or more flowers for the money; they last longer in bloom than any other class of flowering plants (if properly grown and taken care of). We have a splendid lot in bloom (now ready), full of flowers, strong plants at 25c, 40c, 50c, 75c, \$1.00, \$1.50, \$2.00 and \$2.50 each.

Cyclamen Persicum Giganteum; this strain is our own personally selected strain and we do not believe it can be had better anywhere. Strong plants, 4 inch, 5 inch, 6 inch and 7 inch pots, at 20c, 25c, 50c, 75c, \$1.00, \$1.50, \$2.00 and \$2.50 each. Choice plants, fine flowers, full of bloom; let us select your order early.

Pandanus Veitchii; only large plants left; \$2.00, \$2.50, \$3.00 each.

Asplenium Nidus Avis (Bird's Nest Fern); we have a splendid lot of strong 4 inch plants to offer, at 50c each (only size).

Dracaena Massangeana; 5 inch and 6 inch, good value, 75c, \$1.00 and \$1.50 each.

Adiantum Farleyense, 3 inch, 20c; 4 inch, 50c.

We make a specialty of the above mentioned plants and give them every attention needed; so we feel sure that we can give you entire satisfaction. Let us ship your wants early in December, so as to avoid the rush.

We aim to send out only such plants as we feel sure will give you entire satisfaction.

Yours very truly,

J. A. PETERSON & SONS.

Xmas Flowers

QUALITY AND QUANTITY

Having arranged for large supplies of the best stocks in all lines
Christmas and Holiday orders are solicited for

**Roses, Carnations, Orchids, Gardenias, Lily of the Valley, Violets, Etc,
Also Holly, Laurel, Boxwood, Leucothoe, Galax and Ferns.**

American Beauty The best stock,
in large supply.

☞ Take no chances at this season, and order early.

Patrick Welch
262 Devonshire St., Boston, Mass.

Buffalo.

TRADE UNUSUALLY ACTIVE.

The past two weeks has been one of unusual activity from a floral standpoint. Thanksgiving, owing to the unusual fine weather, was exceptional, not so much for the sale of chrysanthemums, that show effects due entirely to warm weather, but to the sale of other flowers, which one could use in September. Chrysanthemums were plentiful and of the quality expected of the season. Roses were good and equal to all demands, as were carnations. Violets were good, but people do not want them when it is warm, and Buffalo had almost an August day. Carnations were equal to all demands, with quality good. Other flowers, such as are called for, were plentiful. Society held its unusual sway; several receptions and weddings for these days gave several florists extra work.

NOTES.

Newspaper advertisements, encouraging early shopping for Christmas, has got all in a "fury." Consequently all stores want laurel and holly decorations even before the holly has arrived. In place of "evergreens" for the holidays, the stores will have "Eva Brown," which will not enhance the beauty of their stores if placed too early, but if they demand it, the orders must be filled, and the only delay is in getting holly in. Reichert Bros., of Genesee street, have about the largest trade in decorating stock, and they are taxed to their limit to get holly in by December 1 and give satisfaction. Charles Schoenhut, of William street, is one who can laugh at all the others. His work is normal, with his usual trade the same, he does not cater to holly and laurel. "My store work is always good," would be his answer, if questioned. William street is a good street for business.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

NEW YORK

Orders By Telegraph Promptly Filled.

Phones, 1552-1553 Columbus.

The week following Thanksgiving was an unusual one for weddings and debutantes. S. A. Anderson was busy with several, as were also W. J. Palmer & Son, and the Wm. Scott Co., the former having one for each day following Thanksgiving. This week is also unusually active.

Genesee street has more stores by far than William street, with a trade that is in close proximity to Main street, which will in time demonstrate

the survival of the fittest. Let us hope that all will be there at the reckoning.

Schwert & Berner, C. F. Guenther, C. Forback, C. Christiansen, and all the growers in the vicinity of Buffalo, are optimistic and say our stock will be good, so we all hope.

Stock for Christmas is looking good and all are confident of having fine plants.

BISON.

TRAENDLY & SCHENCK

436 Sixth Ave., PHONE: 797-798-799 Farragut NEW YORK CITY

ANNOUNCE

With our usual confidence that at our place will be found the best— and the best and finest only—of the following high class Roses:

American Beauty, Stanley, Ophelia, Maryland,
 Hoosier Beauty, Ward, Killarney Pink,
 Hadley, Sunburst, Taft, Killarney Brilliant,
 Shawyer, Mock, Radiance, Killarney White,

CARNATIONS

Cattleya Trianae, Cattleya Percivaliana

all the good kinds and of superior quality. and all commercial varieties of sprays in season

Violets, exceptionally fine Sweet Peas, and many of those nice novelties required in an up-to-date establishment.

PRICES AND SERVICE ALL RIGHT.

TRAENDLY & SCHENCK

436 Sixth Ave., PHONE: 797-798-799 Farragut NEW YORK CITY

Louisville, Ky.

The chrysanthemum season is about over. There was a good sale for the earlier sorts and the varieties that came in about Thanksgiving time. The midseason sold fairly well, but were in excess of the demand and some went to waste. Patty, Golden Wedding, and Well's Light Pink all sold up close, and while Wm. Tutner sold well there was an over supply while they lasted and did not bring the price they did last year. Orchids, lily of the valley and Ward roses for corsages sold well and while there has been some call for violets, they are not really a factor. Sweet peas of good quality are selling fairly well.

NOTES.

Some of the florists are having a discussion in the matter of "cut prices" and "low price sales." Some of the trade hold to the opinion that sales of this class injure the business, many customers not caring to send flowers to friends from an establishment that might from such special sales give the impression that the flowers sent on any occasion were bought at a bargain sale or from one of the "cheap Johnnies."

The F. Walker Co. recently had an order to furnish vases and arrange flowers for a decoration, and instead of sending all vases sent a number of handsome baskets, with liners. After the affair was over the patron took all of the baskets home with him, thinking they were included in the floral presents, but left the vases behind. Some explaining was necessary to get the baskets back again.

The Electrical Show at the Armory caused a demand for southern smilax and plants in the decorations. August Baumer had a booth outside of the electrical display section, which was artistically decorated and proved to be one of the most attractive in the place.

Joseph A. Millang

Wholesale Commission Florist

57 West 26th Street, NEW YORK

All orders filled on short notice.

The Celebrated Briarcliff American Beauty Roses

and the leading varieties of Tea Roses from the F. R. Pierson Co. and A. Farenwald Ranges as follows:

Ophelia, Hoosier Beauty, Sunburst, Mrs. Geo. Shawyer, Killarney Queen, Mignon and many others.

The Cottage Gardens Co.'s Carnations, Mrs. C. W. Ward, Matchless, Cottage Maid and other fine new productions.

Kingsley Walker, manager of the Preston street greenhouses and nursery of the F. Walker Co., surprised his friends by getting married Thanksgiving evening to Miss Grace Garnet Funk, a talented and attractive young lady of West Point, Ky.

A number of the local growers have turned their attention to lettuce, tomatoes, etc., between crops in their houses.

Nanz & Neuner Co., Inc., have removed to an attractive new store a few doors from their old location and Manager Weller looks happy and prosperous.

Mrs. M. D. Reimers has an attractive new store with a conservatory attached.

Azaleas have been in bloom here for several weeks.

PAUL MECONI

WHOLESALE FLORIST

Headquarters for the Entire Output of the
Beechwood Heights Nursery

55-57 West 26th Street, (Coogan Building) NEW YORK

FOR THE CHRISTMAS TRADE WILL OFFER

ORCHIDS

The finest in the country, in any quantity.

American Beauties

And all the Other Best Varieties of

Roses, Carnations, Violets, Lilies and Lily of the Valley

Order Early to be Sure of Your Stock.

Mention the American Florist when writing

Order early through your regular broker

SEEDLING CARNATION
Laura Weber
\$12.00 per 100; \$100 per 1000.
Color grand! Deep Salmon pink, large bloom, strong stem, excellent shipper.

Growers!!!
We have the largest and best equipped store in New York. Can handle more consignments of Good Stock. One good turn deserves another.

\$ 15.00 per 100
\$125.00 per 1000

ROSE PRIMA DONNA

or from

Guttman & Raynor, Inc.
Wholesale Florists.

Tel. Farragut 2036, 2037, 558.

A grand deep pink bloom, handsome form, strong stem, fine foliage, very fragrant, better shaped and deeper color than Russell. **Prima Donna** is a money maker.

Retailers!!!
Our establishment is the home of **Novelties!!!**
Orchids, Pansies, Single and Double Violets, Blue and Pink Corn Flowers, Etc.

Alex. Guttman
Early Lavender Pink Chrysanthemum
Mum Growers shouldn't be without this one. We offer a few stock plants at \$2.00 each.

101 W. 28th Street, NEW YORK.

Mention the American Florist when writing

JAMES COYLE, Wholesale Florist, Carnations a Specialty

54 West 26th St., NEW YORK.

Twenty-five Years' Experience. Consignments Solicited. Telephone: Farragut 8913

Mention the American Florist when writing



OFFICERS, DIRECTORS AND MANAGER OF THE CHICAGO FLOWER GROWERS' ASSOCIATION.

These Are A Few Of The Many Men Who Seek To Serve You.

YOU, Mr. Florist, can rely on receiving the best stock the market affords and the most efficient service YOU, as the result of seventy-six expert growers, with their unlimited resources, co-operating to please YOU.

ROSES! ROSES! ROSES!

We have them in all varieties and lengths. KILLARNEY BRILLIANT, MILADY, RUSSELL, OPHELIA, SUNBURST, BULGARIA, WARD, KILLARNEY, WHITE KILLARNEY. This is absolutely the finest stock of Roses that can possibly be produced, because they are grown by men who "KNOW HOW."

Christmas Price List.

AMERICAN BEAUTIES		Per doz.		Per 100
60-inch stems		\$10 00	ROSES, our selection, per 100	\$ 6 00
48-inch stems		9 00	Carnations, red	\$ 8 00 to 10 00
36-inch stems		8 00	" white and pink	6 00 to 8 00
30-inch stems		7 00	" our selection	4 00 to 5 00
24-inch stems		6 00	Harrisii	per doz., \$1 50 to \$2 00
20-inch stems		\$4 00 to 5 00	Valley	\$ 4 00 to \$ 5 00
RICHMOND		Per 100	Violets, single and double	1 50 to 2 00
Specials		\$25 00	Stevia	1 50 to 2 00
Select		\$15 00 to 20 00	Sweet Peas	1 00 to 1 50
Medium		10 00 to 12 00	Poinsettias	per doz., \$2 50 to \$ 4 00
Shorts		6 00 to 8 00	Orchids	per doz., 12 00
MILADY		Per 100	Paper Whites	3 00 to 4 00
Specials		\$25 00	Red Winter Berries—Extra large case	3 00
Select		20 00	Smilax	per doz. strings, \$2 00
Medium		\$15 00 to 18 00	Adiantum	1 00
Short		8 00 to 12 00	Asparagus, per bunch	35c to 50c
MRS. CHAS. RUSSELL		Per 100	Ferns, per 1000	\$2 50
Specials		\$30 00 to \$35 00	Boxwood	per bunch, 25c; per case, \$7 00
Select		25 00	Galax, bronze and green, per 1000	\$1 00
Medium		15 00 to 20 00	Leucothoe Sprays	75c
Short		10 00 to 12 00	Wild Smilax, per case	\$3 00
Killarney		Per 100	Mistletoe, per lb.	25c
White Killarney	Specials	\$20 00	Mexican Ivy, per 100	75c
Killarney Brilliant	Select	\$15 00 to 18 00		
Sunhurst	Medium	10 00 to 12 00		
Ophelia	Short	6 00 to 8 00		

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

J. J. GOAN, Inc.

Wholesale Commission Florist

115 West 28th St., NEW YORK

Telephones: Farragut 5413 and 5891

Begs to announce to the trade that he

Is Now Open for Business

and receiving fine stock of the best varieties of **Roses, Francis Scott Key, Sunburst, Ophelia, Hadley, Russell and Other Leading Varieties.**

Fine Carnations in variety, Chrysanthemums, Bouvardias, Sweet Peas, Asparagus Plumosus Nanus and Smilax.

Send Your Christmas Orders

Thirty-four Years' Experience in the Florist Business. Consignments Solicited.

CHOICE CUT FLOWERS

GOOD STOCK OF ROSES

Ophelia, Richmond, Killarney, Hoosier Beauty, American Beauty and others

SEND US YOUR CHRISTMAS ORDER

H. E. FROMENT

WHOLESALE COMMISSION FLORIST

148 West 28th Street

PHONES:
Farragut 300, 301

NEW YORK

No. 1915

NEW YORK,

Dec 24th 1915

1915

THE MUTUAL BANK

49-51 WEST 33RD STREET

PAY TO THE ORDER OF

Mr. Grower

\$100.00

A Merry Christmas and a happy New Year

DOLLARS

BADGLEY & BISHOP, Inc.

W. J. Badgley

Treas.

Pres.

BADGLEY & BISHOP, Inc.
WHOLESALE FLORISTS,
34 West 28th Street.

You Can Get What You Need Here
In Large Or Small Quantities

CHRISTMAS

In Everything Seasonable And
At Prices That Are Reasonable.

FANCY BEAUTIES

Nice large supply of just the kind of flowers that you like to supply your trade with. Perfect heads of fine color on good strong stems well laden with clean, healthy foliage.

Roses-Carnations

Enormous supply of both in all the best leading varieties. **Richmond** especially will be in good supply with us, which means that we will be able to fill all orders. The same stands good for Red Carnations. For other stock order from price list, it contains everything.

CHRISTMAS PRICE LIST:

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.		Per doz.	CARNATIONS, common		Per 100
Long stems		\$12.00	"	fancy	5.00
36-inch stems		10.00	"	red	8.00
30-inch stems		9.00			10.00
24-inch stems		8.00	MISCELLANEOUS.		
20-inch stems		6.00	Cattleyas	per doz., \$12.00	
18-inch stems		5.00	Valley	per doz., \$12.00	4.00 to \$ 5.00
			Violets	per doz., \$12.00	1.50 to 2.00
			Paper Whites	per doz., \$12.00	3.00 to 4.00
			Poinsettias, fancy	per doz., \$2.00 to \$4.00	3.00 to 4.00
			Romans	per doz., \$12.00	3.00 to 4.00
			Stevia	per doz., \$12.00	1.50 to 2.00
			Lillies	per doz., \$1.50 to \$2.00	1.50 to 2.00
			Callas	per doz., 2.00	
			Sweet Peas	per doz., \$2.00	1.50 to 2.00
			Smilax	per doz., \$2.00	1.50 to 2.00
			Adiantum	per doz., \$2.00	1.00
			Asparagus Strings	each, 75c	
			Asparagus Plumosus	per bunch	
			Fancy Ferns	per 1,000, \$2.50	
			Wild Smilax	per case, 5.00	
			Boxwood	per lb., 25c; 50 lbs., 7.50	
			Mistletoe	per lb., 25c	
			"	original case, 25 lbs., 4.50	
			Leucothoe Sprays		.75
			Mexican Ivy		.75
			Mignonette		6.00 to 8.00
			Michigan Red Berries	per case, \$2.50	

ROSES.		Per 100
Richmond—Milady—Extra long		\$30.00
" Special		25.00
" Fancy	15.00 to	20.00
" Medium	12.00 to	15.00
" Short	8.00 to	10.00

MRS. CHAS. RUSSELL.		Per 100
Specials		\$30.00 to \$35.00
Select		25.00
Medium	15.00 to	20.00
Short	10.00 to	12.00

White Killarney	Special	\$20.00 to	\$25.00
Killarney	Fancy	15.00 to	18.00
Killarney Brilliant	Medium	10.00 to	12.00
Ward	Short	6.00 to	8.00
Sunburst			
Ophelia			
Maryland			
ROSES, our selection		8.00	

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
 2572
 Auto. 48-734

CHICAGO

EVERY CUT FLOWER BUYER

Will Get A Square Deal Christmas.

from us and at all other times. We realize what it means to have strictly fresh stock to fill orders with and keep this constantly in mind, and no matter how little or how much you buy, we give every order our individual attention. We aim to give our customers, old and new, such good stock for their money, and such good service that they will not think of going elsewhere. If you are not already a customer, start being one today.

BEAUTIES-ROSES-CARNATIONS

will be our leaders, but we will have a good supply of stock in general for Christmas, and will be able to take care of you in fine shape in both Cut Flowers and Greens. Our supply of Richmond roses will be very big and we also have an enormous stock of Extra Fancy Red Carnations. **YOURS FOR A SQUARE DEAL.**

Christmas Price List:

AMERICAN BEAUTIES	Per doz.	MILADY	Per 100	Poinsettias, per doz.,	\$2 50 to \$ 4 00	Per 100
60-inch stems	\$10 00	Specials	\$25 00 to \$30 00	Orchids, per doz.,	12 00	
48-inch stems	9 00	Select	20 00	Paper Whites	3 00 to 4 00	
36-inch stems	8 00	Medium	\$15 00 to 18 00	Red Winter Berries,		
30-inch stems	7 00	Short	8 00 to 12 00	.....per case, \$1 50 to \$3 00		
24-inch stems	6 00	MRS. CHAS. RUSSELL	Per 100	Smilax, per doz. strings, \$1 50 to \$2 00		
20-inch stems	\$4 00 to 5 00	Specials	\$30 00 to \$35 00	Adiantum	75 to 1 00	
RICHMOND	Per 100	Select	25 00	Asparagus, per bunch, 35c to 50c		
Specials	\$25 00	Medium	15 00 to 20 00	Ferns, per 1000, \$2 50		
Select	\$15 00 to 20 00	Short	10 00 to 12 00	Boxwood, .....per bunch, 25c		
Medium	10 00 to 12 00	ROSES, our selection	Per 100	Boxwood, per case, \$7.50		
Shorts	6 00 to 8 00	Carnations, red	\$ 6 00	Galax, bronze and green,.....		
Killarney	Per 100	“ white and pink	10 00 to 16 00	Stevia	1 50 to 2 00	
White Killarney	\$20 00	“ our selection	6 00 to 8 00	Sweet Peas	1 00 to 1 50	
Killarney Brilliant	Select \$15 00 to 18 00	Harrisii, per doz., \$1 50 to \$2 00	5 00	Lencothoe Sprays	75c to 1 00	
Sunburst	Medium 10 00 to 12 00	Valley	\$4 00 to \$ 5 00	Wild Smilax, per case, \$5 00		
My Maryland	Short 6 00 to 8 00	Violets	1 00 to 1 50	Mistletoe, per lb. 25c		
Ophelia				Mexican Ivy, per 100, 75c		

ERNE & KLINGEL

30 E. Randolph Street, L. D. Phone, Randolph 6578. CHICAGO, ILL.

LARGE



CROPS

OF THOSE FANCY

Milwaukee Carnations

AND CHOICE

CUDAHY ROSES

Our Christmas supply will be larger than ever this year and we will have plenty of stock for everyone at the right prices.

Order From Us And Avoid Disappointment.

GUST. RUSCH & CO.

Wholesale Florists—Jobbers in Florists' Supplies

444-446 Milwaukee St., MILWAUKEE, WIS.

CHRISTMAS PRICE LIST

American Beauties

	Per doz.
Extra long stem Specials	\$12.00
Stems 36 inch.....	10.00
Stems 24 to 30 inch	\$6.00 to 8.00
Shorter lengths	3.00 to 4.00

Red Roses-Rhea Reid

	Per 100
Extra long.....	\$35.00
Good length	25.00
Good medium.....	\$15.00 to 20.00
Good short.....	12.00

Richmonds, Ophelia, Brilliants and Shawyer

	Per 100
Extra long stems.....	\$25.00
Good length stems	20.00
Medium stems	15.00
Short stems.....	\$10.00 to 12.00

Assorted Roses

Our selection in lots of \$00 or more at the rate of \$60.00 per 1000.

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long	\$18.00 to \$20.00
Good length	15.00
Medium	12.00
Good short.....	\$6.00 to 10.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....\$1.00 to \$1.25

Carnations

		Per 100
Extra Fancy red Belle Washburn, long stems, very choice		\$10.00 to \$12.00
Extra fancy dark and light pink		8.00
Dark and light pink.....		6.00
Extra fancy white.....		6.00
Stevia, very fancy, per bunch.	\$0.50	
Valley, per 100	\$4.00 to 5.00	
Paper Whites, per 100.....	3.00	
Choice Common Ferns, per 1000.....		\$2.00
Asparagus and Sprengeri, per 100.....		3.00
Galax Leaves, per 1000.....		1.00

The Best Red Carnation Is Our New Seedling Belle Washburn.

The winner of the Silver Medal at the last exhibition of the American Carnation Society, Buffalo, N. Y., January 27th and 28th. The color is a most brilliant red. The size of the flower from 3 to 3½ inches, stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx.

This is a seedling from Enchantress and has all the good traits of the Enchantress family—easy to grow and productive. This is one of our own seedlings which we have grown for the past five years. It is the leading red in the Chicago markets.

Price of the rooted cuttings is \$12.00 per 100; \$100.00 per 1000.

We will bill 500 at the thousand rate price.

Every cutting guaranteed strong and well rooted.

All Other Stock at Market Prices. We are Growers and Guarantee the Quality of all the Stock We Sell.

BASSETT & WASHBURN

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1467.

GREENHOUSES
HINSDALE, ILLINOIS.

BIG SUPPLY OF CUT FLOWERS FOR XMAS

**Beauties-Roses-Carnations-Orchids-Gardenias
Valley-Lilies-Violets-Callas-Sweet Peas-Stevia
Bouvardias-Mistletoe-Winter Berries-Boxwood
Poinsettias-Paper Whites - Romans-Mignonette
Wild Smilax. All other Cut Flowers-Greens.**

Our supply for Christmas was never larger than it will be for this year and our prices will be most reasonable. Do not place your order until you have received our Special Christmas Price List.

Send For It Today. Hurry!

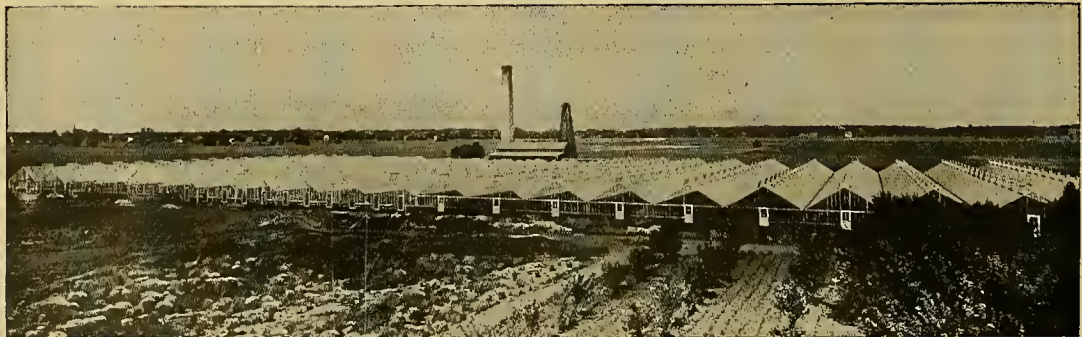
JOHN KRUCHTEN CO.

WHOLESALE FLORISTS

162 North Wabash Avenue, L. D. PHONE, CENTRAL 6269 CHICAGO, ILL.

LARGE CROPS OF ROSES FOR XMAS

Especially Fancy Richmond, Killarney and White Killarney.



CARNATIONS, SNAPDRAGONS, ETC. ORDER NOW.

Hoerber Bros.

Wholesale Growers of Cut Flowers

162 N. Wabash Ave.,

Long Distance Phones } Randolph 2758
Automatic 41-770

Chicago

Big Crops of Prize Winning

RICHMOND ROSES BEAUTIES - CARNATIONS

For Christmas

Of the Same High Quality That Won 18 Prizes Out of 22 Entries in Hot Competition at The Big Chicago Flower Show, November 9-14, 1915.

RICHMOND ROSES

will be our leader again this year and from present indications we can safely say that our supply will be the largest ever. In addition to Richmond we will have a large quantity of Supreme Quality

American Beauties-Milady-Ophelia-My Maryland-White Killarney Killarney - Killarney Brilliant - Sunburst and Mrs. Chas. Russell

FANCY CARNATIONS

Large Supply of Red, White and Pink. Enough for Everyone so Order Here.

Buy Direct From The Grower.

CHRISTMAS PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES		Per doz.
60-inch stems.....		\$10 00
48-inch stems.....		9 00
36-inch stems.....		8 00
30-inch stems.....		7 00
24-inch stems.....		6 00
20-inch stems.....		\$4 00 to 5 00
RICHMOND		Per 100
Specials.....		\$25 00
Select.....	\$15 00 to	20 00
Medium.....	10 00 to	12 00
Shorts.....	6 00 to	8 00
Killarney		Per 100
White Killarney	Specials.....	\$20 00
Killarney Brilliant	Select.....	\$15 00 to 18 00
Sunburst	Medium.....	10 00 to 12 00
My Maryland	Short.....	6 00 to 8 00
Ophelia		
MILADY		Per 100
Specials.....		\$25 00
Select.....		20 00
Medium.....	\$15 00 to	18 00
Short.....	8 00 to	12 00

MRS. CHAS. RUSSELL		Per 100
Specials.....		\$30 00 to \$35 00
Select.....		25 00
Medium.....	15 00 to	20 00
Short.....	10 00 to	12 00
		Per 100
ROSES, our selection		\$ 6 00
Carnations, red		\$8 00 to 10 00
" white and pink.....		6 00 to 8 00
" our selection.....		5 00
Harrisll	per doz., \$1 50 to \$2 00	
Valley		\$4 00 to \$5 00
Violets		1 50 to 2 00
Smilax	per doz. strings, \$2 00	
Adiantum		1 00 to 1 50
Asparagus, per bunch.....	.50c to 75c	
Ferns, per 1000	\$2 50	
Boxwood	per bunch, 25c	
Galax, bronze and green	per 1000, \$1 00	
Stevia		1 50 to 2 00
Sweet Peas		1 00 to 1 50
Leucothoe Sprays		75c to 1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

POEHLMAN

72-74 E. Randolph St.,

CHRISTMAS-Price List-CHRISTMAS

**MISTLETOE-BOXWOOD-WINTER BERRIES-STEVIA
PAPER WHITES - MIGNONETTE - SNAPDRAGONS
ROSES - CARNATIONS - AMERICAN BEAUTIES.**

CHRISTMAS PRICE LIST.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$10.00
36 in.....	9.00
30 in.....	8.00
24 in.....	7.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

30 to 36-in.....	6.00
26 to 28-in.....	5.00
22 to 24-in.....	4.00
18 to 20-in.....	3.00
16-in.....	2.50
14 in.....	2.00
Short.....	\$1.00 to 1.50

Hoosier Beauty
RICHMOND
HADLEY
OPHELIA
SUNBURST
MILADY
Kill. Brilliant

	Per 100
Special	\$35.00 to 40.00
Long...	30.00
Med. ..	20.00 to 25.00
Short...	10.00 to 15.00

BULGARIA	Per 100
AARON WARD	Special...\$30 to \$35.00
KILLARNEY	Long..... 25.00
WHITE KILLARNEY	Medium, 18.00 to 20.00
	Short..... 8.00 to 15.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$3.00 to \$4.00
GEORGE ELGAR, yellow..	per 100, 3.00 to 4.00
FIREFLAME, pink.....	per 100, 4.00 to 10.00

MISCELLANEOUS

	Per 100
Snapdragon.....	\$8.00 to 12.00
Sweet Peas, Spencer	1.50 to 2.50
Violets, double or single.....	1.50 to 2.00
Stevia	2.00
Paper Whites	3.00 to 4.00
Smilax,.....doz.	\$2.00
Plumosus and Sprengeri.....	3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.50
Leucothoe	1.00
Mexican Ivy.....per 1000,	\$6.00
Ferns	per 1000, 2.50
Boxwood	per bunch, 25c; box, \$7.50
Red Winter Berries.....	per box, \$1.50 to \$2.50
Mistletoe, lb., 35c; 10 lbs.,	\$3.00; 20 lbs., 5.00
Laurel Wreathing, per yard.....	.06

ORCHIDS

Market Price

Cattleyas.....	\$
Gardenias.....	\$
Cypripediums.....	\$4.00 to \$

EASTER LILIES

Per 100.....	\$10.00 to \$
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LILY OF THE VALLEY

Per 100.....	\$3.00, \$4.00, \$
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CARNATIONS

Best Fancy, all colors.	\$10.00 to \$
Medium, per 100.....	\$8.00
Short, our selection, 100	\$

WILD SMILAX

Per case.....	\$
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RUSCUS

We have just received a large importation of Ruscus which is now ready for delivery

Best EE Stock, 75 cents per

Write for Prices on larger quantities.

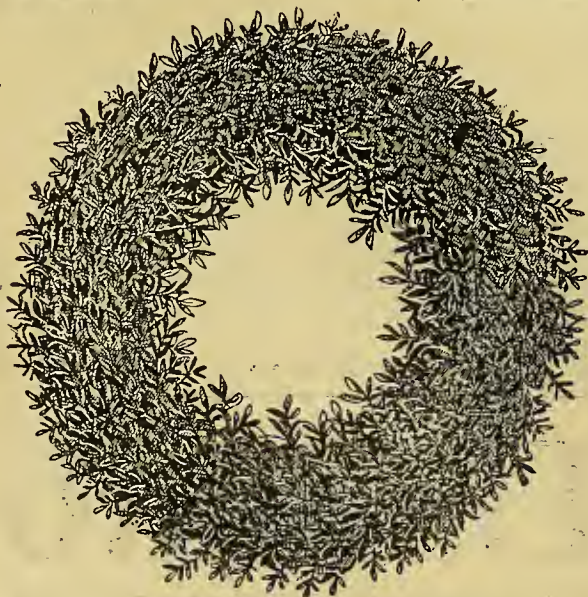
50 ASSORTED TUMBLER BASKETS

Two-Toned, with Liners, \$10.00

6-in. Water-Proof Chiffon, per yard, \$0.04.

Red Frieze, 60-yd. bolts, 60 cents per bolt.

Prepared Painted Ruscus Wreaths Write for Price



N BROS. CO.

Long Distance Phone, **CHICAGO, ILL.**
Randolph 35.

Christmas Plants

Azaleas--Poinsettias--Cyclamens--Begonias--Etc.

Order early and protect your supply for our stock is unusually fine this year and unequalled anywhere at the prices quoted. **Order Now.**

ARAUCARIA ROBUSTA COMPACTA

Each	
to 3 tiers.....	\$1.00
to 4 tiers.....	\$1.50, \$2.00 and 2.50

ARAUCARIA EXCELSA

Each	
to 4 tiers.....	\$1.00
to 5 tiers.....	1.50
to 6 tiers.....	2.00

FERNS

Boston, Roosevelt and Whitman

Each	
4-inch pot.....	\$0.50
6-inch pot.....	.75
8-inch pot.....	2.00

PANDANUS VEITCHII

A most desirable plant for Christmas baskets.

Each	
4-inch pot.....	\$0.35
6-inch pot.....	.50

CROTONS.

In finest varieties, beautifully colored and well furnished with leaves to the pot.

Each	
4-inch pot.....	\$.50
6-inch pot.....	.75 to 1.00

ASPARAGUS PLUMOSUS

4-inch pot.....	\$2.50 per 100
6-inch pot.....	5.00 per 100
Made-up in pans.....	\$4.20 per doz.

BEGONIA CINCINNATI

3-inch pot.....	15 cents each
4-inch pot.....	\$ 4.00 per doz.
5-inch pot.....	8.00 per doz.
6-inch pot.....	\$ 9.00 and 12.00 per doz.

BEGONIA LORRAINE

4-inch pot.....	\$ 3.00 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

POINSETTIAS

6-inch pot.....	\$.50 and \$.75 each
7-inch pot.....	1.00 each
8-inch pot.....	1.50 each

TABLE FERNS

Per hundred.....	\$3.50
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PRIMULA OBCONICA

5-inch pot—In bloom.....	per doz., \$3.00
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SKIMMIA JAPONICA

Well berried a splendid plant for Christmas.

1.00, \$1.25 and \$1.50 each	
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CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

Made-Up Plants for Christmas.
Combination pots of Geraniums, Asparagus and Ferns, 35 cents each.



AZALEAS
Limited supply for Christmas delivery.
\$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 and \$5.00 each

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Areca Lutescens

3-inch tubs, 5 plants in a tub.....	3.00
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Kentia Belmoreana

Made-up Plants

7-in. pots 3 plants in a pot 30 in. high	3.00
Specimens, very heavy, \$10.00 to \$12.00.	

Kentia Belmoreana

Single Plants	Each
4 inch pots, 5 to 6 leaves, 18 in. high	\$0.40
6-inch pots, 6 to 7 leaves, 24 in. high	1.00
6-inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
7-inch pots, 6 to 7 leaves, 36 in. high	3.00
8-inch tubs, 6 to 7 leaves, 38 in. high	3.50
8-inch tubs, 6 to 7 leaves, 48 in. high	5.00
8-inch tubs, 6 to 7 leaves, 58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.	

Kentia Forsteriana

Made-up Plants	Each
7-inch pots, 3 plants in a pot, 28 to 30 in. high	\$2.00
7-inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7-inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8-inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub, 50 in. high	5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub, 5 ft. high	8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub, 6 ft. high	12.00
Strong specimens in 15 inch tubs 5 plants, \$15.00, \$18.00 and \$25.00 each.	

Kentia Forsteriana

Single Plants	Each
6-inch pots, 5 to 6 leaves, 28 to 30 in. high	\$ 1.00
6-inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6-inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
8-inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8-inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10-inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10-inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00

Phoenix Roebelenii

Each	
3-inch.....	\$3.00 per doz.
5-inch pots.....	\$1.00
7-inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....	\$5.00 to 7.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variiegated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Amabilis

6-inch pots.....	\$1.00, \$1.25 each
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Dracaena Terminalis Rosea

3 inch pots.....	\$3.00 per doz.
4-inch pots.....	40c each; \$4.50 per doz.
5-inch pots.....	75c each; 7.50 per doz.

Dracaena Godseffiana

Per doz.....	\$1.00
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Dracaena Baptistii

6-inch.....	each, \$1.25
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Dracaena Messangeana

5 inch.....	75c each
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Dracaena Stricta Grandis

5-inch.....	\$1.00 each
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Dieffenbachia Magnifica

Each.....	50c, 75c, \$1.00
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MAMMOTH SUPPLY

Mrs. Chas.

Killarney

Russell and Brilliant

FOR CHRISTMAS

Most magnificent stock obtainable anywhere in all grades, Medium, Long and Specials. These are the two best buys in Roses for Christmas, and will please your most discriminating customers. The flowers are unusually rich in color; heads are perfect, and are carried on strong, straight stems, well laden with luxuriant foliage. This stock carried off the honors at the big Chicago Show, November 9-14, 1915, and is unequalled for quality in this or any other market. Place your orders with us and get the pick of the cream at prices that will meet with your approval.

COMPLETE SUPPLY OF OTHER STOCK

Bigger than ever for the holidays. If the glass areas of all our growers were added together, or all their ranges were placed alongside of each other, the size would be surprisingly large and greater than the largest plant in existence.

Write Today for Special Christmas Price List.

Our quotations for Christmas are the most remarkable in years, disregarding the superior quality of our stock. You cannot afford to place your order until you have received our prices. Write for them today. A postal will do.

E. C. AMLING CO.

The Largest, Best Equipped, Most Centrally Located Wholesale Cut Flower House in Chicago,

174-6 N. Wabash Ave.,

L. D. Phones:
Centra 11977
1978

Chicago, Ill.

Chicago Market.

STOCK CLEANS UP WELL EACH DAY.

Business continues to be very good and stock of all kinds is cleaning up nicely each day at satisfactory prices. American Beauty roses especially are in good demand and fancy stock is bringing as high as \$5 and \$6 per dozen. Roses in general are in good demand and of fine quality, especially Mrs. Chas. Russell, Killarney Brilliant, Sunburst, Ophelia, Milady and Richmond. Some fine Killarney and White Killarney are also seen, but clean up at an early hour. Carnations are in better demand than they have been and some very choice stock is obtainable. Chrysanthemums are about done and what few are arriving do not cut much figure in the market. Orchids are still scarce and command good prices. Violets are selling unusually well and the same holds good for sweet peas and lily of the valley. Snapdragons, gardenias, Paper Whites, pansies, calendulas, stevia, callas, mignonette and gladioli are among the offerings, but not in any great supply. Boxwood is in good demand with the prices holding firm. Other greens are plentiful and some especially fine smilax is being offered. Red winter berries are being offered in large quantities and are selling well. Taken all in all, business has been very good since Thanksgiving and stock of all kinds, especially roses, is cleaning up quickly each day. The supply houses are having a brisk season and the outlook for a banner holiday trade is bright. The wholesale plantmen report a good season and expect to clean up what little surplus is left in another week or two. The outlook for a large supply of cut flowers for Christmas is very bright and the prices quoted in this week's issue are

LARGE QUANTITY FANCY

ROSES AND CARNATIONS

For Christmas

Russell.....	Per 100 \$10.00 to \$30.00	Sunburst	Per 100 \$6.00 to \$20.00
Ophelia.....	6.00 to 20.00	Richmond	6.00 to 25.00
Killarney.....	5.00 to 18.00	Carnations, red.....	8.00
White Killarney.....	5.00 to 18.00	Pink and white.....	6.00

Complete line of all other Cut Flowers and Greens. Order here.

DOMINICK E. FRERES

WHOLESALE FLORIST

162 North Wabash Ave., L. D. Phone Randolph 7175, CHICAGO, ILL.

FOR XMAS

Roses--Carnations

Pink Snapdragons, Calendulas, Violets, Red Winter Berries, Greens, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

the most reasonable in years and if business is at all brisk the market should clean up completely before the rush is over. Everyone would do well to place their orders as early as possible, for the prices quoted are reasonable and are not very likely to be any lower, and may possibly advance. Many orders have been booked the past week and each day new ones arrive and from present indications the Christmas trade this year will be much better than last.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green..... Per 100

20x 4x3, Teles. Cov.....	\$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3 1/2, 2-in. Cov.....	2 25
30x 5x3 3/4 " "	2 50
21x 8x4 " "	2 65
24x 8x4 " "	2 90
28x 8x4 " "	3 25
28x 8x5 " "	3 75
36x 8x5, Teles. Cov.....	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope.....	7 50
36x12x6, Telescope.....	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

H. VAN GELDER, Pres.

L. M. JONES, Secy.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

Importers and Jobbers of
Florist Supplies

56 East Randolph Street
CHICAGO

Chicago's Largest Dealers
in Decorative Greens

CHRISTMAS PRICES:

AMERICAN BEAUTIES. Per doz.

60-inch stems	\$10.00 to \$12.00
36- to 48-inch stems.....	9.00
30-inch stems	7.00
24-inch stems	6.00
12- to 20-inch stems	\$4.00 to 5.00

MRS. CHAS. RUSSELL. Per 100

Specials	\$30.00 to \$35.00
Select	25.00
Medium	15.00 to 20.00
Short	10.00 to 12.00

RICHMOND AND MILADY. Per 100

Specials	\$25.00
Select	\$15.00 to 20.00
Medium	10.00 to 12.00
Short	6.00 to 8.00

KILLARNEY, WHITE KILLARNEY, KILLARNEY BRILLIANT SUNBURST, BULGARIA, OPHELIA, WARD, MARYLAND.

Specials	Per 100 \$20.00
Select	\$15.00 to 18.00
Medium	10.00 to 12.00
Short	6.00 to 8.00

ROSES—OUR SELECTION . \$6.00 per 100.

CARNATIONS. Per 100

Red (fancy)	\$8.00 to \$10.00
White (fancy)	6.00 to 8.00
Pink (fancy)	6.00 to 8.00
Our selection	5.00

ORCHIDS.

Cattleyas	per dozen, \$12.00
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MISCELLANEOUS. Per 100

Poinsettias	per dozen, \$2.50 to \$4.00
Valley	4.00 to 5.00
Violets, single and double.....	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Lilies	per dozen, \$1.50 to \$2.00
Callas	per dozen, 1.50 to 2.00
Sweet peas	1.50 to 2.00

DECORATIVE. Per 100

Asparagus Plumosus Sprays	\$2.00 to \$4.00
Asparagus Sprengeri	2.00 to 4.00
Adiantum .....	.75
Leucothoe (long green or bronze).....	per 1,000, \$5.00
Mistletoe, choice	per lb., 25 cents
Holly	per case, \$5.00
Galax (green or bronze), per case, \$6.50;	per 1,000, 1.00
Ferns, Michigan	per 1,000, 2.50
Ferns, Eastern	per 1,000, 2.00
Smilax	per dozen, 2.00

Extra Special Stock Billed Accordingly.

YOU CANNOT

buy our quality of Flowers elsewhere at a lower price and YOU CANNOT buy our quality of service elsewhere AT ANY PRICE.

Very truly yours,

PERCY JONES.

VIOLETS.

Is it not true that a firm who makes a specialty of New York Violets can give you the best violets? There are no better violets than the ones we handle.

\$1.50 to \$2 per 100

BOXWOOD.

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

\$7.50 per 50 lb. Case

Chicago's Largest Dealers in Decorative Greens.

Increase Your Prosperity by Using

Needless to say, they are all of CRAIG QUALITY. O

PLANT BASKETS

Our Plant Baskets have been so well received that they are now a very important feature of our Christmas business. Last year we offered only one style in three sizes. This year we have about twenty-five different numbers. All are first-class, both as to style of basket and filling. Nothing but highly-colored, well-grown stock is used, such as Dracaenas in variety, Crotons, Pandanus, Ferns, etc. On account of being filled early and becoming established, they are bound to give you and your customer satisfaction. We cannot recommend them too highly. Many of the baskets and window boxes are in two-tone effect. All baskets have zinc (not tin) liners.

Window box shape, 18 inches long, 6 inches wide, 6 inches deep, \$3.50 and \$4.00 each.

Window box shape, 12 inches long, 6 inches wide, 6 inches deep, \$2.50 and \$2.75 each.

Handle baskets in variety, \$3.50, \$4.00, \$5.00 and \$6.00 each.

CYCLAMEN (30,000)

This has been one of our specialties for over twenty years. This year we grew upwards of 125,000 plants. At this time our stock is better than ever before and sure to be a money-maker for anyone buying now. Plants in all sizes, exceptionally well flowered.

4-inch pots, heavy, \$4.50 and \$5.00 per 100.

5-inch pots, very heavy, \$9.00 and \$12.00 per doz.

6-inch pots, very heavy, \$12.00, \$15.00, \$18.00 and \$24.00 per doz.

7-inch pots, 22 to 24 inches diameter, \$2.00 and \$2.50 each.

7-inch, very heavy, \$3.00 and \$3.50 each.

ERICA MELANTHERA

Scotch Heather

Exceptionally well flowered.

6-inch and 7-inch pots, very heavy, \$1.50 and \$2.00 each.

Larger specimens, \$3.00, \$4.00, \$5.00 and \$6.00 each.

AZALEAS IN FLOWER

Mme. Patrick and Vervaeana

6-inch and 7-inch pots, \$1.00, \$1.25, \$1.50 and \$2.00 each.

ARDISIA CRENULATA

Berried well, and nice for basket work.

4 1/2-inch pots, 50c and 75c each

POINSETTIAS (30,000)

We grow none of the pink variety, all of our stock being of the selected bright red sort. The bracts are unusually large in all sizes. We have 30,000 plants and can fill orders of any quantity.

4-inch pots, \$25.00 per 100

5-inch pots, heavy, 50.00 per 100

7-inch pans, 3 plants with ferns, 15.00 per doz.

8-inch pans, 3 plants with ferns, 18.00 per doz.

9-inch pans, 3 plants with ferns, 24.00 per doz.

8-inch low pans, 5 plants with ferns, \$15.00 and \$18.00 per doz.

10-inch low pans, 5 plants with ferns, \$24.00 and \$30.00 per doz.

BEGONIA GLOIRE DE LORRAINE

(20,000)

The largest and finest stock of this beautiful plant in the country. The plants have been grown cool and are sure to give satisfaction.

2 1/2-inch pots, \$15.00 per 100

3-inch pots, \$20.00 and 25.00 per 100

4-inch pots, 35.00 per 100

5-inch pots, \$7.50 per doz.; 50.00 per 100

6-inch pots, heavy, \$9.00 per doz.; 70.00 per 100

7-inch pots, heavy, \$15.00 and \$18.00 per doz.

8-inch pots, heavy, 18.00 and 24.00 per doz.

BEGONIA LONSDALE

We have a large stock of this light sport at the same prices as quoted for Begonia Gloire de Lorraine. This variety is considered far superior to the original type, making a finer shaped plant and holding the flowers much better. The color is a little lighter than the original Begonia Gloire de Lorraine.

BEGONIA GLORY OF CINCINNATI

This variety is endorsed by all the leading retail florists. It will hold the flowers much better than the Begonia Gloire de Lorraine. We are particularly strong on sizes to be used in baskets and hamper.

4-inch, heavy, \$50.00 per 100

5-inch, heavy, 75.00 per 100

6-inch, heavy, \$12.00 per doz.

"CRAIG'S CROTONS ARE BEST KNOWN AND KNOWN TO BE BEST"

Special Croton Combinations made up in very attractive birch bark boxes, with handles, \$7.50 and \$10.00 each.

The Croton, with its highly colored foliage, is indispensable during fall and winter. We have the largest and most complete collection of Crotons in the world, carrying at the present time for Christmas sales over 50,000 plants in over 400 varieties, all of the very highest quality and brilliantly colored.

2 1/2-inch pots, strong plants, \$20.00 per 100; \$175.00 per 1000.

3-inch pots, strong plants, \$25.00 per 100; \$225.00 per 1000.

4-inch pots, strong plants, \$30.00 per 100; \$275.00 per 1000.

5-inch pots, strong plants, \$50.00, \$75.00 and \$100.00 per 100.

6-inch pots, strong plants, \$12.00, \$15.00, \$18.00 and \$24.00 per doz.

8-inch pots, made up beautiful plants, \$24.00, \$30.00 and \$36.00 per doz.

10-inch pots, made up beautiful plants, \$5.00, \$6.00 and \$7.50 each.

12 and 14-inch tubs, made up beautiful plants, \$19.00, \$15.00, \$20.00 and \$25.00.

Every retail store and grower should feature Crotons this fall and winter. We know our stock will please you and your customers.

NEW SEEDLING VARIETIES

Our new Seedling Crotons, some of which we disseminated in June, 1911, are varieties that should be in every grower's and private person's collection. They are far superior to many of the older varieties of Crotons and the types range from narrow to very large leaf. We particularly call your attention to our set of thirteen, named after the "Thirteen Original States," which have won highest honors wherever shown.

4-inch pots, strong plants, \$3.00 each; \$30.00 per doz.; \$200.00 per 100.

6-inch and 7-inch pots, larger plants, \$3.50, \$4.00 and \$5.00 each.

CROTON LEAVES AND SPRAYS

Cut Croton leaves and sprays have been supplied by us in the past few years to some of the leading retail florists, who have featured them in mantel, table and funeral work. They are also especially attractive to use with Chrysanthemums. Cut Crotons will last in a cool place from three to four weeks. We can supply them every day in the year.

Very highly colored sprays at 25c, 35c and 50c. Cut leaves, \$3.00 and \$5.00 per 100.

When you have orders for funeral or table work out of the ordinary, order "Craig's Cut Crotons."

DRACAENAS

There is no variety of foliage plants as attractive as the highly-colored Dracaena. The small and medium sizes can be used to great advantage in making up the popular Christmas baskets, while the large specimens have always been in great demand for decorative purposes. We are now growing more Dracaenas, in greater variety, than any firm in this country.

DRACAENA LORD WOLSELEY

One of the very finest varieties for Christmas, being bright red in color.

3-inch pots, heavy, \$25.00 per 100

4-inch pots, heavy, 35c and 50c each

5-inch pots, 75c each

6-inch pots, \$12.00 and \$15.00 per doz.

DRACAENA CRAIGHI

The first time offered. We consider this variety the most beautiful pink Dracaena ever offered to the trade and one of the most striking in existence.

4-inch pots, strong plants, \$1.00 each

5-inch pots, 1.50 each

DRACAENA BAPTISTI

Long, broad foliage; cream, red and orange.

4-inch pots, 50c each

5-inch pots, 75c each

6-inch pots, \$1.00, \$1.25 and \$1.50 each

DRACAENA STRICTA GRANDIS

Carmine red leaves.

4-inch pots, \$50.00 per 100

5-inch pots, heavy, \$9.00 and \$12.00 per doz.

6-inch pots, 15.00 per doz.

DRACAENA AMABILIS

Green and pinkish white; one of the finest varieties.

4-inch pots, \$50.00 per 100

5-inch pots, \$9.00 and \$12.00 per doz.

6-inch pots, 15.00 and 18.00 per doz.

DRACAENA TERMINALIS

Exceptionally well colored.

3-inch pots, strong plants, \$25.00 per 100

5-inch pots, heavy, 50c and 75c each

6-inch pots, heavy, \$1.00 and \$1.25 each

4-inch pots, heavy, \$35.00 per 100

DRACAENA GODSEFFIANA

Green and white leaf, very hardy; fine for baskets.

2 1/2-inch pots, \$10.00 per 100

3-inch pots, \$15.00 and 20.00 per 100

4-inch pots, 25.00 per 100

DRACAENA TITWORTHII (Rare)

4-inch pots, \$6.00 per doz.

5-inch pots, 9.00 per doz.

6-inch pots, \$12.00, \$15.00 and \$18.00 per doz.

DRACAENA SANDERIANA

Small light-green leaves, edged with creamy white. Fine for center of fern dishes or basket work.

2 1/2-inch pots, \$15.00 per 100

DRACAENA KELLERIANA (New)

The greatly improved Godseffiana. One of the finest foliage plants for combination boxes or baskets.

2 1/2-inch pots, \$10.00 per 100

3-inch pots, 20.00 per 100

4-inch pots, 30.00 per 100

DRACAENA IMPERIALIS (Rare)

One of the very best of the bright-colored varieties.

4-inch pots, \$50.00 per 100

5-inch pots, heavy, \$12.00 per doz.

6-inch pots, heavy, \$15.00 and \$18.00 per doz.

PHOENIX ROEBELENI

This is unquestionably one of the great palms of the future, combining the grace of a Cocco Weddelliana with the hardiness of a Kentia. It will prove an invaluable plant for the house. Our stock in the following sizes is unusually fine:

8-inch, 10-inch and 12-inch tubs, specimen plants, \$3.00, \$4.00, \$5.00, \$6.00, \$10.00, \$12.50, \$15.00 and \$20.00 each.

ARECA LUTESCENS

Perfect plants with rich, dark-green foliage. Our stock has been grown cool and hard. It is in splendid condition and will surely give satisfaction.

4-inch pots, single, heavy, \$25.00 per 100

5-inch pots, single, \$6.00 and \$9.00 per doz.

8-inch pots, made up, very heavy, 42 inches to 48 inches tall, \$2.00 and \$2.50 each.

14-inch tubs, made up, very heavy, 7 feet tall, \$10.00 and \$12.50 each.

6-inch pots, \$12.00 per doz.; \$90.00 per 100

ROBERT CRAIG COMPANY

The Best CHRISTMAS SPECIALTIES

Stock is complete at this time. We solicit early orders

PANDANUS VEITCHII

Well-colored plants.
 4-inch pots\$6.00 per doz.; \$45.00 per 100
 5-inch pots\$ 9.00 per doz.
 6-inch pots 12.00 per doz.
 8-inch pots\$24.00 and 30.00 per doz.
 3-inch pots for basket work.....\$35.00 per 100

GARDENIA VEITCHII

These are very strong plants and will make grand stock for winter blooming.
 2½-inch pots, heavy, January delivery, \$8.00 per 100; \$75.00 per 1000.
 4-inch pots, heavy, \$20.00 per 100; \$180.00 per 1000.
 6-inch pots, heavy, \$50.00 per 100.
 7-inch pots, heavy, in bud, \$9.00 and \$12.00 per doz.
 6-inch pots, heavy, in bud, will flower for Christmas, \$2.00 each.

FICUS PANDURATA

The plant of the century. Positively the best porch and house plant to date. Our stock of this wonderful plant this year is finer than we have heretofore offered. It will surely give satisfaction.
 6-inch pots, 2½ feet tall, \$2.00 each.
 7-inch pots, 3 feet and 4 feet tall, \$2.50 and \$3.00 each.
 10-inch and 11-inch tubs, 5 feet tall, \$4.00 and \$5.00 each.
 The larger plants are unusually fine.

FICUS UTILIS

A species that came to us through the Botanical Gardens at Washington, D. C., which promises to be a valuable addition as a decorative house plant. The leaves are thick and leathery, and are from 18 inches to 24 inches long, one-half as wide, of a rich, holly green color, with midrib and veins of an ivory-white which stands out prominently.
 6-inch pots, 18 inches to 24 inches tall, \$2.00, \$2.50 and \$3.00 each.
 Large specimens, \$3.50, \$4.00, \$5.00, \$6.00 and \$7.50 each.

FICUS CRAIGH

This variety is a greatly improved Ficus Elastica, and is bound to prove a universal favorite. It is close-jointed and the midrib stands out prominently, being ivory-white in color.
 4-inch pots, 15 inches tall.....\$35.00 per 100

BERRIED AUCUBAS

Beautiful plants, exceptionally well berried.
 8-inch, 10-inch and 11-inch tubs, \$2.00, \$2.50, \$3.00, \$3.50, \$4.00 and \$5.00 each.

BOXWOOD

Fall importations.
 10-inch and 12-inch, Bush form, heavy, \$25.00 per 100.
 12-inch, Bush form, heavy, \$30.00 per 100.
 12-inch and 15-inch, Bush form, heavy, \$35.00 per 100.
 15-inch, Bush form, heavy, \$40.00 per 100.
 18-inch, Bush form, heavy, \$75.00 per 100.
 24-inch, Bush form, heavy, \$18.00 per doz.
 Pyramids, 3 feet to 5 feet tall, \$3.00, \$3.50 and \$4.00 each.
 Standards, \$2.50 each.

HYDRANGEA OTAKSA

Pot-grown stock; well-ripened plants.
 6-inch pots, strong, 4 to 6 heads, \$25.00 and \$35.00 per 100.
 6-inch pots, strong, 6 to 7 heads, \$40.00 and \$50.00 per 100.
 Larger plants, 75c, \$1.00, \$1.25, \$1.50, \$2.00 and \$3.00 each.
 Order at once to insure an early start.

150,000 NEPHROLEPIS (In Variety)

We are the largest growers of Nephrolepis Ferns in the country in the following varieties; in fact, we are the headquarters for them. The demand increases each year, and it is our aim to have every variety of Nephrolepis, in every size, every day in the year.

NEPHROLEPIS

JOHN WANAMAKER

Introduced August, 1915

The Wanamaker Boston has more than made good. Everyone who has received early shipments from us has been greatly pleased with the variety and repeat orders have been coming in daily. We have a very large stock. A "sport" from Nephrolepis Scholzei, with longer, narrower, gracefully drooping fronds. It is not so compact in growth as Scholzei and therefore does not decay in the center, and is a durable house fern. It is a rapid grower, making an abundance of fronds, and is quite distinct from any other Nephrolepis. The following prices are for immediate and spring delivery:
 2½-inch pots, strong plants, \$10.00 per 100; \$90.00 per 1000.
 4-inch pots, strong plants, \$25.00 per 100; \$225.00 per 1000.
 6-inch pots, strong plants, \$50.00 per 100.
 8-inch pots, strong plants, \$12.00 and \$15.00 per doz.
 Large specimens, \$2.50, \$3.00 and \$4.00 each.

NEPHROLEPIS TODEAOIDES

London Fern. A good, strong grower and one we think of very highly.
 2½-inch pots.....\$6.00 per 100; \$50.00 per 1000
 4-inch pots.....\$20.00 per 100; \$180.00 per 1000
 6-inch pots.....\$6.00 per doz.
 8-inch pots.....\$12.00 and \$15.00 per doz.
 9-inch and 10-inch tubs, \$24.00, \$30.00 and \$36.00 per doz.

NEPHROLEPIS ELEGANTISSIMA IMPROVED

This variety is a greatly improved Elegantissima and shows a tendency to revert to the Boston. This will prove a valuable addition to the crested varieties.
 2½-inch pots.....\$6.00 per 100; \$50.00 per 1000
 4-inch pots.....\$20.00 per 100
 6-inch pots.....\$6.00 per doz.
 8-inch pots.....\$12.00 and \$15.00 per doz.
 Larger plants, \$2.00, \$2.50, \$3.00 and \$3.50 each

NEPHROLEPIS SCHOLZELI

This is an ideal crested Fern, holding the same relation to all other crested varieties that the Scottii holds to the old Boston.
 2½-inch pots.....\$6.00 per 100; \$50.00 per 1000
 4-in. pots, heavy, \$20.00 per 100; \$180.00 per 1000
 6-inch pots, heavy, \$6.00 per doz.; \$45.00 per 100
 6-inch pots, heavy, \$9.00 per doz.; \$70.00 per 100
 8-inch three-quarter pots, \$12.00 per doz.; \$90.00 per 100.
 11-inch tubs.....\$24.00 and \$30.00 per doz.

NEPHROLEPIS ELEGANTISSIMA COMPACTA

A dwarf compact form of Nephrolepis Elegantissima, each plant making an ideal shape.
 2½-inch pots.....\$6.00 per 100; \$50.00 per 1000
 4-inch pots.....\$20.00 per 100
 6-inch pots.....\$6.00 per doz.
 8-inch pots.....12.00 per doz.

NEPHROLEPIS ROBUSTA (New)

Place orders at once for Nephrolepis Robusta. The Silver Medal Fern at the National Flower Show, winning over all competition. We claim this variety to be the finest of all crested Nephrolepis, being exceptionally fine in large sizes. It is the strongest grower of all the Nephrolepis Ferns, never reverts and every plant is symmetrical and suitable in all sizes.
 2½-inch pots, strong plants, \$6.00 per 100; \$50.00 per 1000.
 4-inch pots, strong plants, \$25.00 per 100; \$200.00 per 1000.
 6-inch pots, strong plants, \$50.00 and \$75.00 per 100.
 8-inch Azalea pots, heavy plants, \$12.00 and \$15.00 per doz.
 11-inch tubs, heavy plants, \$2.00, \$2.50 and \$3.00 each.

"TEDDY JUNIOR"

A Grand New Dwarf Fern. The best fern of its type.
 Fine, young plants from 2½-inch pots, \$6.00 per 100; \$50.00 per 1000.
 4-inch pots, heavy, \$20.00 per 100; \$200.00 per 1000.
 6-inch pots, heavy.....\$50.00 per 100
 6-inch pots, very heavy.....75.00 per 100
 8-inch pots, very heavy.....\$15.00 per doz.
 11-inch tubs.....\$2.00, \$2.50 and \$3.00 each

NEPHROLEPIS SCOTTII

Our stock is in superb condition.
 2½-inch pots.....\$5.00 per 100; \$45.00 per 1000
 4-inch pots.....\$20.00 per 100; \$180.00 per 1000
 6-inch pots.....\$6.00 per doz.; \$45.00 per 100
 6-inch pots, heavy, 9.00 per doz.; 70.00 per 100
 8-inch three-quarter pots, \$12.00 per doz.; \$90.00 per 1000.
 10-inch three-quarter pots.....\$18.00 per doz.
 11-inch tubs.....\$2.00, \$2.50 and \$3.00 each

NEPHROLEPIS SMITHII

The greatly improved Amerpoblii. It is a compact form much finer than Amerpoblii and does not break down in the center. The fronds are carried on wiry stems. This variety will have a wonderful sale up to a 6-inch pot, being particularly showy for basket work.
 2½-inch pots.....\$8.00 per 100; \$75.00 per 1000
 4-inch pots.....\$25.00 per 100
 6-inch pots.....\$ 6.00 and \$ 9.00 per doz.
 8-inch pots.....12.00 and 15.00 per doz.

NEPHROLEPIS TUBEROSA

PLUMOSA

This beautiful fern is quite distinct from all of the other varieties of the Boston Fern, inasmuch as it has been raised from the Japan species Nephrolepis Tuberosa, which type is much harder than the Exaltata. The fronds are long and narrow, the pinnales beautiful plumose, which are of light color, giving the fronds a beautiful effect on account of the two distinct shades, as well as its graceful waviness, and will be found a great and distinct addition to collection ferns.
 2½-inch pots....\$10.00 per 100; \$ 90.00 per 1000
 4-inch pots.....25.00 per 100; 225.00 per 1000
 6-inch pots.....\$50.00 per 100

NEPHROLEPIS BOSTONIENSIS

Wm. K. Harris

The finest variety for large plants, being a great improvement over the old Boston.
 2½-inch pots.....\$6.00 per 100; \$50.00 per 1000
 4-inch pots.....\$20.00 per 100; \$180.00 per 1000
 6-inch pots.....\$6.00 per doz.; \$45.00 per 100
 6-inch pots, heavy, 9.00 per doz.; 70.00 per 100
 8-inch pots.....\$12.00 and \$15.00 per doz.
 11-inch tubs.....\$2.00, \$2.50 and \$4.00 each

NEPHROLEPIS BOSTONIENSIS HARRISII

A dwarf type of the Nephrolepis Harrisii and excellent in all sizes from 4-inch plants up.
 2½-inch pots.....\$6.00 per 100; \$50.00 per 1000
 4-inch pots.....\$20.00 per 100; \$180.00 per 1000
 6-inch pots.....\$6.00 per doz.; \$45.00 per 100
 7-inch pots, heavy, 9.00 per doz.; 70.00 per 100
 8-inch pots.....\$12.00 and \$15.00 per doz.
 11-inch tubs.....\$2.00, \$2.50 and \$3.00 each

ADIANTUM HYBRIDUM

The best variety for either a pot plant or for cut fronds.
 3-inch pots, heavy, \$10.00 per 100; \$90.00 per 1000.
 6-inch pots, heavy, \$6.00 per doz.; \$45.00 per 100
 8-inch pots.....\$12.00 per doz.; 90.00 per 100
 11-inch tubs.....\$24.00 per doz.
 2½-inch tubs.....\$6.00 per 100; \$50.00 per 1000

PTERIS ALBO-LINEATA

One of the very best for fern dishes or combination baskets.
 3-inch pots, heavy.....\$8.00 per 100

AGLAONEMA PICTUM

4-inch pots, heavy.....\$6.00 per doz.

Branch: Norwood, Pa. 4900 Market St., PHILADELPHIA

For Christmas

We shall have a fine lot of Roses to offer, including the much called for
Russell-Ophelia-Richmond-Beauties-Sunburst
Killarney-White Killarney-Killarney Brilliant
CARNATIONS

Our Carnations are the best in this market and include all the best standard and newer varieties with a large supply of the much desired Red varieties, besides plenty of Pink and White.

LARGE SUPPLY OF BLUE RIBBON VALLEY

The Leader of All Chicago Valley

Our Valley is in a class by itself, due to the reason that we buy only the best of Pips, house well adapted for its forcing, and forced by a skilled grower; hence if you wish the choicest to be had, you will make no mistake in ordering from us our famous **Blue Ribbon Valley**.

ALSO PLENTY OF

Sweet Peas, Single and Double Violets, Harrisii, Narcissi, Stevia, Asparagus, Greens, and all other Seasonable Stock.

NOTE.—We desire that you place your orders early. Don't wait until the last minute, only to learn that stock is well ordered up.

Owing to the lack of time during holidays, orders from new customers should contain suitable references, for should your name not be rated in the agencies, shipments will be sent C. O. D.

Quality
 Speaks
 Louder
 Than
 Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
 and CARNATIONS
 A Specialty.....

WHOLESALE
 Grower of

GUT FLOWERS

Prices
 As
 Low
 As
 Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Chicago Notes.

Philip C. Schupp reports business as very good at J. A. Budlong's store, with a brisk demand for roses. His firm is cutting a fine supply of Sunburst, Richmond, Killarney Brilliant and American Beauty roses, and it is surprising how well they clean up, for there is no surplus when the day's sales are over. The outlook for their Christmas supply is bright, and the Richmond crop promises to be unusually large this season.

Felix Reichling entertained Peter Reinberg's store force at dinner November 5 after an inspection of the firm's greenhouses, and it is needless to add that everyone had a most enjoyable time, for Mrs. Reichling is some cook. Everything at the greenhouses is in splendid condition under the able supervision of Emil Reichling; the crops of Richmond and American Beauty roses will be the largest in years.

Allie Zech, of Zech & Mann, visited the greenhouses of several of the firm's growers this week, and is well pleased

with the outlook for a large supply of stock for Christmas, especially as far as roses and carnations are concerned. Fred Ottenbacher, who looks after the roses at the houses, is nursing a boil on his neck which he figures that he could get along without just as well as not.

A. T. Pyfer & Co. are enjoying a brisk shipping as well as local trade, and Mr. Pyfer is pleased with the outlook for Christmas; and while he expects that stock in general will be plentiful, he is of the opinion that carnations will clean up quickly and will be a little on the short side instead of plentiful, as some are inclined to believe.

The John Kruchten Co. has installed a switchboard and will be better equipped than ever to handle all incoming telephone calls. This firm will be strong on both cut flowers and plants for the holidays and are looking forward to the best Christmas in the history of the firm.

A. Miller, of A. Henderson & Co., is attending the Minneapolis flower show this week.

Fancy Double

Violets

For CHRISTMAS. Both

QUANTITY
 QUALITY

\$10.00 to \$15.00 per 1000.

M. C. GUNTERBERG

Wholesale Florist

56 East Randolph St., CHICAGO

Tremendous Crop Of

ROSES

FOR CHRISTMAS

Exceptionally fine Richmond---White and Pink Killarney Killarney Brilliant--Mrs. Chas. Russell-Sunburst--Ophelia.

BEAUTIES

Large supply of magnificent stock in all lengths at prices ranging from \$4.00 to \$10.00 per dozen.

We Have All the Standard and Best New

CARNATIONS

And Can Supply the Best Grady in Quantity

We swept the deck in practically all the entries that we made in Carnations at the Chicago Show, November 9-14, and can supply you with the best stock obtainable for Christmas at the most reasonable prices. We will have plenty of Red, White and Pink for everyone, so place your orders with us.

CHRISTMAS PRICE LIST

AMERICAN BEAUTIES.

	Per Doz.
60-inch stems	\$10.00
48-inch stems	9.00
36-inch stems	8.00
30-inch stems	7.00
24-inch stems	6.00
20-inch stems	4.00

White—KILLARNEY—Pink. KILLARNEY BRILLIANT, OPHELIA.

	Per 100
Extra Special	\$18.00
Select	15.00
Fancy	12.00
Medium	10.00
Good	8.00
Short stems	6.00

Subject to Change Without Notice.

MRS. CHAS. RUSSELL, Per 100
Fancy Stock....\$15.00 to \$30.00

SUNBURST. Per 100
Extra Special

.....	\$25.00
Select	20.00
Fancy	15.00
Medium	12.00
Good	10.00

RICHMOND. Per 100
Extra Special

.....	\$25.00
Select	20.00
Fancy	18.00
Medium	15.00
Good	12.00
Short stems	10.00

Roses, our selection, \$7.00 per 100.

CARNATIONS. Per 100

Red, Extra Special.....	\$8.00
Red, Good	6.00
Enchantress, Extra Special	6.00
Enchantress, Fancy	5.00
Pink, Select	6.00
Pink, Fancy	5.00
White, Fancy	5.00

Miscellaneous.

Lilies, per doz....	\$1.50 to \$2.00
Ferns, per 1,000.....	\$2.50
Smilax, per dozen strings..	2.00
Adiantum, per 100.....	1.00
Galax, per 1,000.....	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch..	.50

Other Green Goods Market Rates.

Our Range of Greenhouses is One of the Three Largest in America and is in Full Crop For Christmas.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone, Randolph 2081

CHICAGO

A. T. Pyfer & Co.
 Wholesale Florists
 30 East Randolph Street
 Chicago, Ill.

THE SIGN OF QUALITY

Christmas Price List

ROSES

Mrs. Chas. Russell— Per 100
 Good\$10.00 to \$15.00
 Extra Fancy..... 20.00 to 30.00
Ophella 10.00 to 25.00
Sunburst..... 10.00 to 20.00
Killarney, White Killarney, Killarney Brilliant—
 Long.....\$12.00 to \$15.00 per 100
 Medium..... 10.00 per 100
 Short..... \$6.00 to 8 00 per 100
 Specials billed accordingly.

CARNATIONS, select... \$5.00
 De Luxe..... \$6.00 to 8.00
 De Luxe, red 8.00 to 10.00

Miscellaneous

Lilies..... \$10.00 to \$12.50 per 100
 Lily of the Valley, \$4.00-\$5.00 per 100
 Violets, double, \$1.00 to 1.50 per 100
 Sweet Peas..... 1.50 to 2.00 per 100
 Stevia 1.50 to 2.00 per 100
 Paper Whites... 3.00 to 4 00 per 100
 Ferns 2.50 per 100
 Asparagus.....bunch, 35c to 50c each
 Sprengeribunch, 25c to 35c each
 Galax \$1.00 10.00
 Mexican Ivy..... 75c per 100
 Boxwood large bunch, 25c each
 Red Winter Berries, per bunch, 25c;
 case, \$1.00; large case, \$2 00.
 Mistletoe25c per lb.

Xmas Plants

Primroses, Obconica, Malacoides,
 Chinese, very good stock, 4-in.,
 \$9 00 per 100.
 Begonia Cincinnati, 5-in., 50c; 6-in.,
 75c; 7-in., \$1.00; Specimen plants,
 \$1.25 to \$1.50.
 Begonia Lorraine, 5-in., 40c; 6-in.,
 60c; 7-in., 75c; Specimen plants,
 \$1.00 to \$1.25.

Wietor Bros.' crops were never in better condition at this time of the year than they are now, which means that they have a large supply of stock for the holidays. The American Beauty roses especially are in fine condition, and the same hold good for Richmond, Sunburst, Mrs. Chas. Russell, Killarney and Killarney Brilliant. White Killarney will be in good crop also, and they should be cutting a steady supply well into January. The carnations are just right and there will be heavy cuts of Victory, Washington, Champion, Bonfire, Estell, Ward, Enchantress, White Enchantress, Philadelphia, White Wonder, Matchless and Rosette. The latter especially attract much attention, for they are unusually fine and should bring good prices. N. J. Wietor is well pleased with the outlook for a banner supply for Christmas, and he has every reason to be, for they will have plenty of stock compared with former years, and the indications are that business is going to be good.

The Chicago Flower Growers' Association will spend its first Christmas in its new home in the Le Moyne building, where they are better equipped to handle the ever-increasing business. Manager Klingsporn is well pleased with the change of location, which has proven to be quite an asset as far as their city trade is concerned.

Erne & Klingel are handling large quantities of choice smilax and have built up quite a trade on this one item, not to mention the other stock. Mr. Erne does not think that carnations will be any too plentiful for Christmas, even though his growers report good crops.

Hoerber Bros. are pleasing their customers with a fancy grade of Mrs. Chas. Russell and Richmond roses, and the outlook for good crop of roses in general for Christmas is very bright.

If you are looking for an ideal flower for the Holidays get the long and short-stemmed

Magnificum Lilies

The Improved Rubrums

Write for prices.

We also have fine Easter Lilies and Adiantum Croweanum cut fronds always on hand.

HOFFMEISTER FLORAL CO.

Lickrun, White Street, Cincinnati, Ohio

Crepe Paper for Pot Covers

Per doz. Per 100
 Water Proof (all colors)\$2 00 \$15 00
 Pebbled Pleated (all colors)..... 2.00 15.00
 Special Xmas price list of other supplies mailed free.

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

The regular meeting of the Chicago Florists' Club will be held at the Hotel Morrison, Thursday, December 9, at 8 p. m., when the election of officers will take place.

*Merry Christmas
 and
 Happy New Year*

**Sprinkleproof
 Samuel Seligman**

Featuring Wertheimer Bros.
 New York Latest Success

Werbro Floral Fabrics

CHRISTMAS STOCK—THE PLACE TO BUY IT

BEAUTIES, Per Dozen.

60 inch stems.....	\$10.00	30 inch stems.....	\$ 7.00
48 inch stems.....	9.00	24 inch stems.....	6.00
36 inch stems.....	8.00	20 inch stems.....	\$4.00- 5.00
Short*			\$2.00- 3.00

RUSSELLS, Per 100.

Specials	\$30.00-\$35.00
Select	\$25.00
Medium	\$15.00-\$20.00
Short	\$10.00-\$12.00

ROSES, Per 100.

Brilliants	{ <table border="0"> <tr> <td>Specials</td> <td>\$20.00</td> </tr> <tr> <td>Select</td> <td>\$15.00- 18.00</td> </tr> <tr> <td>Medium</td> <td>10.00- 12.00</td> </tr> <tr> <td>Short</td> <td>6.00- 8.00</td> </tr> </table> }	Specials	\$20.00	Select	\$15.00- 18.00	Medium	10.00- 12.00	Short	6.00- 8.00	Shawyer
Specials		\$20.00								
Select		\$15.00- 18.00								
Medium		10.00- 12.00								
Short	6.00- 8.00									
Bulgarie		Wards								
Pink Killarney		Ophelia								
White Killarney		Sunbursts								

RICHMOND, Per 100.

Specials	\$25.00
Select	\$15.00- 20.00
Medium	10.00- 12.00
Short	6.00- 8.00

MILADY, Per 100.

Specials	\$25.00
Select	\$20.00
Medium	\$15.00-\$18.00
Short	\$8.00-\$12.00

Roses, our selection, per hundred.....\$6.00

CARNATIONS, Per 100.

Red	\$8.00-\$10.00
White	\$6.00-\$8.00
Pink	\$6.00-\$8.00
Our selection	\$5.00

MISCELLANEOUS.

Valley, per 100.....	\$4.00-\$5.00
Violets, single and double, per 100.....	\$1.50-\$2.00
Sweet Peas, per 100.....	\$1.50-\$2.00
Lilies, Harrisii, per dozen.....	\$1.50-\$2.00
Paper Whites, per 100.....	\$3.00-\$4.00
Calendulas, per bunch	35c-50c
Snapdragons, per bunch	75c
Stevia, per 100	\$1.50-\$2.00
Cut Poinsettias, per dozen.....	\$2.50-\$4.00

DECORATIVE GREENS.

Adiantum, per 100.....	\$1.00-\$1.50
Smilax, per dozen.....	\$1.50
Ferns, per 1,000.....	\$2.00
Plumosus, bunch	35c-50c
Sprengeri, bunch	35 c-50c
Green and Bronze Galax, per 1,000.....	\$1.25
Galax, per case.....	\$7.00
Leucothoe, per 100.....	75c
Boxwood, bunch.....	25c
Per case	\$7.00
Wild Smilax, case	\$5.00
Red Winter Berries, small case.....	\$1.25
Large case	\$2.50
Mistletoe, lb.	25c
Magnolia Leaves, all colors, per hamper.....	\$1.25

Established 1883

Incorporated 1892

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS
163-5 North Wabash Avenue Chicago, Illinois.

All Prices Subject to Change of the Market.


Heavy Supply of Cut Flowers

**Z M
E & A
C & N
H N**

**For Christmas
BEAUTIES==ROSES==CARNATIONS**

And everything else seasonable. Also a complete line of Green Goods. We will be on the job early and late, so Wire, Phone or Mail your order in to us.

Always remember when buying that we have both quantity and quality and that when you order here you always get the best that the Great Central Market affords.

 We are Wholesalers doing a Strictly Wholesale Business

30 E. Randolph St.,

Long Distance Phones

Central 3283
Central 3284
Automatic 42-965

Chicago

Bassett & Washburn are booking a large number of orders for rooted cuttings of their new seedling carnation, Belle Washburn, and new ones are continually arriving. Many growers have visited their greenhouses for the purpose of seeing this variety growing in the houses, and in nearly every instance have left an order. C. W. Ward, of the Cottage Gardens Co., Inc., Queens, N. Y., was the guest of Mr. Washburn at Hinsdale, December 3, and left the following day for a visit at New Orleans, La.

Victor Young & Company will open a new store at 1239 North Clark street, Saturday, December 11. Buchbinder Bros. are supplying the entire set of fixtures, including the refrigerator, and when everything is completed the store will present a most inviting appearance.

A. L. Vaughan, of A. L. Vaughan & Co., has returned from a business trip to St. Louis, Mo., and is now busy making preparations to handle a large Christmas business. His growers advise him that stock will be plentiful, especially roses and carnations.

Percy Jones received another large shipment of boxwood this week and will have more than enough to supply his many customers with during the holidays. Green goods are a specialty at this house, and their line is complete in every respect.

Kennicott Bros. Co. is gradually building up a fine shipping business as well as a splendid local trade. This firm will have a complete line of stocks to offer for Christmas, and the outlook for a good holiday business never was more encouraging.

Joseph Ziska & Sons have a good supply of statice on hand, but are limiting their customers to a certain amount so that they can accommodate as many as possible.

RETAIL FLORISTS



CHRISTMAS FOLDERS

We wish to announce that our new copyrighted Christmas Folder is by far the best value we have ever offered as regards size of the Folder, different shape, quality of paper and the extra golding which gives it that Christmasy and cheery effect.

If you have not yet received a sample of this beautiful Folder, send us your name at once, for you cannot afford to let go by this opportunity to put into the hands of your customers and friends this plugger for business. All orders received will be shipped out within forty-eight hours.

McNEFF - SWENSON CO.

Floral Publicity That Brings Results
818-819 Transportation Bldg.

608 So. Dearborn St.,

CHICAGO, ILL.

Mention the American Florist when writing

READ THIS.

Boxwood, 50 lbs. \$7.50 | Wild Smilax, 50 lbs. \$4.50
Immortelles, per doz. 4.00 | Wirework. Everything or the Florist's use. Try me.

Red and Green Frieze Roping 50 cents per 60 yards

Wire Rings for Holly Wreaths:

Size—	10-in.	12-in.	14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
Per doz.,	10c	12c	14c	16c	18c	20c	22c	25c
Per 100,	\$.80	.90	\$1.00	\$1.15	1.30	\$1.45	1.6	\$1.80

**ALL CUT FLOWERS
IN SEASON.**

E. G. GILLETT, Wholesale Florist,

131 E. 3rd St., Cincinnati, Ohio

JOSEPH ZISKA & SONS

We Are The Largest Manufacturers of
Wire Designs in the West.

Can Fill Your Wants,

Everything In Florists' Supplies. Order Here.

151-153 N Wabash Avenue, Chicago, Ill.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Poehlmann Bros. Co. has had a very good call for plants for the holidays, and August Poehlmann is confident that everything will clean up before the rush is over. Cyclamen, begonias and azaleas especially are selling quickly, and they are already out of certain sizes. The outlook for a large crop of cut flowers for Christmas is very bright, with heavy cuts of roses and carnations in sight. This firm will grow their own rubber plants in the future, and it would not be at all surprising if several houses were added to the plant department in the near future, for they are crowded for room and could use more space to good advantage.

The E. C. Amling Co. is showing a fancy grade of Mrs. Chas. Russell and Killarney Brilliant roses, which will be their leader for Christmas, according to John Michelsen, who visited the greenhouse of Meyer & Dramm and French & Salm this week. Meyer & Dramm grow Killarney Brilliant on a large scale, and French & Salm's entire range is devoted exclusively to Mrs. Chas. Russell roses.

D. S. Musser, of Miller & Musser, was struck in the right eye with a small piece of steel December 4, and for a time it was feared that he would lose his eye. An operation was immediately performed and the attending physician is now in hopes that all danger from that source is over and expects to remove the bandage in a few days.

The Fleischman Floral Co.'s store was closed November 7 owing to the death of the proprietor's mother, Mrs. Frances Rubel.

(CONTINUED ON NEXT PAGE.)

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST. doz.

Roses. Beauty, specials	\$5 00@16 00
" " 36-in.....	4 00
" " 30-in.....	3 00
" " 24-in.....	2 50
" " 20-in.....	2 00
" " 15-in.....	1 50
" " 12-in.....	75@1 00
" Mrs. Chas. Russell....	1 00@ 3 00
Per 100	
" Hoosier Beauty.....	4 00@15 00
" Killarney Brilliant.....	4 00@12 00
" Killarney.....	4 00@12 00
" White Killarney.....	4 00@12 00
" Richmond.....	4 00@12 00
" Prince de Bulgarie.....	4 00@12 00
" Rhea Reid.....	4 00@12 00
" My Maryland.....	4 00@12 00
" Mrs. Geo. Sawyer.....	4 00@12 00
" Sunburst.....	4 00@15 00
" Mrs. Aaron Ward.....	4 00@12 00
" Hadley.....	4 00@15 00
" Ophelia.....	4 00@12 00
" Our selection.....	4 00@ 5 00
Carnations.....	2 00@ 4 00
Cattleyas..... per doz.,	9 00@12 00
Gardenias..... per doz.,	3 00@ 4 00
Gladioli.....	2 00@ 6 00
Lilium Harrilii.....	10 00@12 50
Sweet Peas.....	1 00@ 1 50
Valley.....	3 00@ 5 00
Violets, single.....	50@ 1 00
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 00@2 50
Galax.....	1 00@1 25
Leucnthe.....	75@ 1 00
Mexican Ivy..... per 1000,	5 00@26 00
Plumosus Strings, each,	60@ 75
Smilax..... per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays.....	3 00@ 4 00
Boxwood. 25c per lb.	

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss..... per bag, \$3.50
Natural Moss..... per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.



CANNNA

FIREBIRD

GET IT NOW

25 Strong Roots for \$5.00

VAUGHAN'S SEED STORE

NEW YORK CHICAGO

CORSAGE CURDS

Can be had in all colors. Per Doz. Per Gross
Large size.....\$0.35 \$4 00
Small size......25 3.00
Baby curds..... 1.25

Write or our special Xmas price list of many other it ms.

GEORGE H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Mention the American Florist when writing

Rooted Carnation Cuttings | Boxwood Sprays

New and all the standard varieties.

Send for complete list and prices.

Booking orders for delivery now or later.

\$7.50 per 50-lb. crate; \$14.00 per 100 lbs.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

E. W. Siebrecht, manager of the Rosery, 6972 North Clark street, reports business as good and is making preparations to handle what he has every reason to believe will be a large Christmas business.

Frank Oechslin reports a brisk demand for plants for the holidays and expects to clean up in all lines before the rush is over. Azaleas are plentiful with him but are selling unusually well.

Dominick E. Freres is handling a fine grade of roses, particularly Sunburst and Ophelia, and is going to make a strong bid for the out-of-town business in the future.

Bernard J. Schmierer, 849 Irving Park boulevard, says that a \$70,000 hospital will be built directly across the street from his store, which should help business some.

E. F. Winterson calls attention to the splendid quality of boxwood this year at the E. F. Winterson Co.'s store, which is in brisk demand, with prices holding firm.

J. Swenson, formerly with the George Witthold Co., has accepted a position with Ronsley, the Westminster building florist.

Sullivan Bros., 871 East Sixty-third street, have opened another store at Ninety-second street and Commercial avenue.

M. C. Gunterberg says that violets are in unusually good demand and are cleaning up nicely each day at good prices.

Louis Eiseman, formerly with the Bohannon Floral Co., is the latest addition to the Alpha Floral Co.'s store force.

The Atlas Floral Co. has a very beautiful window display at its East Randolph street store this week.

Mrs. J. W. Ensweiler, 5329 South Morgan street, has returned from a pleasant visit in the east.

Vaughan's Seed Store is moving several carloads of fancy holly this week.

Visitors: Frank Farney, representing M. Rice Co., Philadelphia, Pa.; E. Juerjens, Peoria; Samuel Seligman, representing Wertheimer Bros. Co., New York; Hugo Rudolph, Manitowoc, Wis.; Clarence Watson, with Leo Niessen Co., Philadelphia, Pa.; Mrs. Roy Wilcox, Council Bluffs, Ia.

Philadelphia.

MARKET BARE FOLLOWING COLD SNAP.

There has been the usual lull after the holiday, Monday and Tuesday being very quiet. Trade picked up later in the week, however, and this demand, together with a shortening of the supply due to the cold weather, swept the market bare and clean, so that on Saturday there was nothing left to carry over. Stock in all lines continues to improve. Roses are noticeably better; splendid Russell, Hadley and Ophelia are offered and sell readily at increased prices. American Beauties are fine and meeting with a good demand at 20 to 30 per cent advance in price. There are still quite a quantity of chrysanthemums about, the Chadwicks and Nonan, with good Eaton are the principal sorts. Carnations are nearly up to their winter standard, some very good stock being seen. Lily of the valley has been scarce. Cattle-

Wholesale Flower Markets

BOSTON, Dec. 8.		Per 100
Roses, Beauty.....	10 00@40 00	
.. Killarney Queen.....	2 50@10 00	
.. White and Pink Killarney.....	2 50@ 5 00	
.. Double White Killarney.....	1 00@ 6 00	
.. Killarney Brilliant.....	2 00@ 8 00	
.. Hadley.....	2 00@10 00	
.. Cardinal.....	2 00@12 00	
.. Mock.....	2 00@ 8 00	
.. Mrs. Chas. Russell.....	2 00@12 00	
.. Sunburst.....	2 00@ 8 00	
.. Taft.....	2 00@ 8 00	
.. Milady.....	2 00@ 8 00	
.. Ward and Hillingdon.....	2 00@ 6 00	
.. My Maryland.....	50 @ 5 00	
Cattleyas.....	50 00@75 00	
Lily of the Valley.....	3 00@ 4 00	
Sweet Peas.....	50 @ 1 00	
Carnations.....	50 @ 1 00	
.. select.....	1 50@ 3 00	

BUFFALO, Dec. 8.		Per 100
Roses, Beauty, special.....	35 00@40 00	
.. fancy.....	25 00@30 00	
.. extras.....	20 00@25 00	
.. No. 1.....	8 00@12 00	
.. No 2.....	5 00@ 8 00	
.. Killarney.....	3 00@ 8 00	
.. White Killarney.....	3 00@ 8 00	
.. My Maryland.....	3 00@ 8 00	
.. Killarney Queen.....	4 00@ 7 00	
.. Richmond.....	3 00@ 8 00	
.. Sunburst.....	3 00@ 8 00	
.. Ward.....	3 00@ 6 00	
.. Taft.....	3 00@ 6 00	
.. Ophelia.....	4 00@12 00	
.. Mock.....	3 00@ 6 00	
.. Francis Scott Key.....	4 00@10 00	
.. Shawyer.....	4 00@10 00	
.. Russell.....	8 00@12 00	
.. Hadley.....	8 00@12 00	
.. Bon Silene.....	2 00@ 3 00	
Lily of the Valley.....	3 00@ 4 00	
Lilies.....	10 00@12 00	
Cattleyas.....	50 00@60 00	
Carnations.....	1 50@ 3 00	
Chrysanthemums.....	5 00@20 00	
Snappdrsgons.....	1 00@ 2 00	
Violets.....	60 @ 75	
Asparagus Sprengeri.....	35 @ 50	
Ferns.....	per 1000, 2 50	
Smilax.....	15 00	

CINCINNATI, Dec. 8.		Per 100
Roses, Beauty.....	per doz. \$0 75@ \$3 00	
.. Killarney.....	3 00@ 6 00	
.. My Maryland.....	3 00@ 6 00	
.. Richmond.....	3 00@ 6 00	
.. Taft.....	3 00@ 6 00	
Lily of the Valley.....	4 00@ 5 00	
Lilium Giganteum.....	6 00@10 00	
Asparagus Plumosns.....	per hch., 25c	
Orchids.....	per doz., 5 00@ 6 00	
Chrysanthemms.....	6 00@15 00	
Carnations.....	2 00@ 3 00	
Rubrum Lilies.....	3 00@ 6 00	
Double Violets.....	75	

vas are a trifle more plentiful, but nothing worth having is quoted at less than 75 cents. The calendula has jumped into popularity; quite large quantities are coming in and find a good demand. They are seen in several shades of yellow and bright orange. There are plenty of violets, but few gardenias.

NOTES.

At the rate the orchid sweet peas so far sent in are improving, there should be an abundant supply of choice stock for the holidays; they may be said to be out of season, but so is lily of the valley, yet it is in demand the year round and has made a market for itself. This, we believe, will be the case with the sweet peas, which will soon be called a flower for all the year around.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 269A.

**American Beauties,
Orchids,
Valley, Carnations.**

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Mention the American Florist when writing

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley

Chrysanthemums in variety

We solicit a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

**Philadelphia Wholesale
Florists' Exchange
ORCHIDS, GARDENIAS**

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists

1625 Ranstead St., Philadelphia, Pa.

The stores seem to be featuring the low bowls or rose floats; they are seen in a number of colors from clear glass and white to greens and light and dark lavender and blue. Pierced Japanna-like holders in colors to match the varying shades of the bowls are sold with them. Individual flower vases are also given attention, meeting with much favor by the buying public.

A trip to the Robert Craig Co.'s Norwood establishment cannot fail to reward the visitor at this time. Crotons, dracaenas and other foliage plants are seen here in great variety, all splendidly colored. Cyclamens, the best ever seen in this city, together with flowering begonias, which are a mass of color, are all wonderfully perfect.

New York.

GOOD CHRISTMAS BUSINESS IN SIGHT.

The past week has been quiet in the cut-flower trade. There has been a falling off in the supply of stock, but no scarcity. The good Thanksgiving business has encouraged everybody in the trade, particularly the retailers, to anticipate a good Christmas. If the volume of business reaching the supply men at present is an indication, there are good times ahead, for they are all very busy. There are indications that there will be a fair supply of Christmas stock. Orchids and gardenias seem to be a little more plentiful and the crops will doubtless be in for Christmas, and with reasonably fair weather, there is likely to be an ample supply of roses, carnations and violets. The plant trade, as in late years, will loom large; azaleas, poinsettias, cyclamens and heathers will be in good flower.

December 6.—There is no great surplus of stock, arrivals being rather light, but enough to supply the demand. Lily of the valley is much more plentiful and \$3 per 100 is about the top price. As will be seen from our import notes, in another column, pips have been arriving quite freely from Denmark. Special Hoosier Beauty and Hadley roses are bringing \$15 per 100. There is little change in other roses.

NOTES.

On the evening of December 4, Chas. Schenck, of Traendly & Schenck, on the invitation of Edward Sceery for the Paterson, N. J., Rotary Club, attended a demonstration of the trans-continental service of the American Telegraph and Telephone Co. It took place in the Y. M. C. A. auditorium and about 400 of the leading citizens of Paterson were present. There was connection with San Francisco, as the exposition closed on that day, and Pres. Wilson was heard at Paterson as well as San Francisco. Judge Wm. P. Lawler, of the California supreme court, who is a personal friend of Edward Sceery, talked to Paterson and Alma Gluck sang from San Francisco. There were speeches and music by leading people of Paterson and the affair was a great success. Frank Traendly was at the store December 6 and now promises to be a regular fellow.

The Nippon Garden, 259 Fifth avenue, arranged a fine Japanese landscape decoration, December 1, at the Lotus Club, for a dinner given by Dr. Jokichi Takamine, in honor of Baron Ei-ichi Shibusawas, the leading financier of Japan, who is visiting this country. He is spoken of as the "J. P. Morgan of Japan." The Baron is evidently a notable, as such men as Seth Low, J. D. Rockefeller, Jr., Judge E. H. Gary and Jacob H. Schiff attended the dinner. The reproduction was made unusually real by the generous use of pine and cedar trees standing along the banks of sparkling streams where goldfish swam. There were bridges over the little streams and graveled walks beneath the boughs of the small trees. The baron said the sight of Fujiyama made him feel at home. S. Nishijima, of the Nippon Garden, was the clever decorator.

Peter Wagner of Troy avenue, Brooklyn, has a great stock of plants for Christmas. Within the past year he has greatly enlarged his range and has been very successful with plants. He makes a specialty of ferns and has many varieties, Boston, Scotti, Wagneri, Elegantissima furcata compacta, Scholzei, Harrisii and Magnifica being noteworthy. His dracenas, palms, pandanus and other plants are also very fine. Peter Rehm, formerly salesman for the John Scott range, is now with Mr. Wagner.

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Charles H. Brown, 2366 Broadway, has in his large show window one of the finest cibotium ferns we have ever seen. Some of the stems are 10 to 12 feet in length and it about fills the window. Newcomers in that section of the city make it a landmark, when they get to the "big fern" they know where they are. In the six years it has been in the store it has been cared for by Anthony Pomper, one of Mr. Brown's designers, who is a graduate of an Austrian horticultural school.

The attention of visitors to the wholesale district is called to the store of H. E. Froment, 148 West 28th street. It is the last wholesale store in the row, so to speak, but by no means the least. With a great stock of all the best varieties of roses from the Coddington range he is well equipped to serve the retail trade. He also handles a variety of other stock and employs an efficient force of salesmen.

The Brooklyn Cut Flower Market, Inc., which is managed by Joseph Levy, have in addition to their store at 356 Fulton street, opened another at 408 Fulton street, in the centre of the department store district, and will be well stocked with cut flowers and other seasonable goods for the Christmas trade. Mr. Levy is a very active man and this shows that his business is rapidly increasing.

Writing of the flowers of his time—1626—Lawson wrote: "The violet, nothing behind the best for smelling sweetly, and a thousand more will provoke your content." We would be sorry to believe that after nearly 300 years of cultivation, the violet is deteriorating, but Lawson, if he were alive today, could not write that about some that are offered for sale in this district.

Philip F. Kessler, of the Cut Flower Exchange, is receiving very fine carnations of the varieties Mrs. Ward and Enchantress from Wm. W. Matthews, Great Neck, L. I. Mr. Kessler, who is chairman of the house committee of the club, advises us that at the next meeting he will serve roast beef and young pig that will be finer than possum.

We have recently noticed at the store of George C. Siebrecht, 109 West 28th street, very fine gardenias from the range of Frank J. Dolansky, Lynn, Mass. We understand he will have a good supply for the Christmas trade. He is also strong on lily of the valley and other good stock.

The flower department of the great Wanamaker stores has recently been much improved and enlarged and a fine new icebox installed. John Solner, who for a number of years was with Esch, the Florist, 3279 Third avenue,



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5336 Farragut

is now in the Wanamaker floral department.

J. Grulich & Son, of Hoboken, N. J., have secured the concession for the sale of flowers in the department store of Lord & Taylor, Fifth avenue and 38th street. W. R. Francis, formerly with F. Fleischman, Inc., is in charge.

Wm. B. Nugent, who for many years has been in the retail business in this city, but has not had a store for the past year, has opened a flower shop on Lexington avenue, between 73d and 74th streets.

We have recently noted at the range of G. Messeberg, Flatbush, Brooklyn, a fine stock of carnations, callas and also many pot plants. He has just finished cutting a large stock of chrysanthemums.

Joseph A. Millang, of the New York Cut Flower Co., will have his usual large supply of roses from the Pierson ranges and carnations from the Cottage Gardens Co., for Christmas.

Badgley & Bishop, Inc., are now handling a fine line of roses, lilies and lily of the valley. W. G. Badgley, who underwent an operation some time ago, has completely recovered.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 2264 Farragut.

G. MESSEBERG
FLORIST
CHRISTMAS PLANTS
 East 39th Street and Lenox Road
BROOKLYN, N. Y.

Walter F. Sheridan
Wholesale Florist
 Telephone Call: 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

At the new store of E. J. Hession, Madison avenue and 76th street, business is very active. The greenhouses in the rear are now well stocked with a fine variety of plants.
 A new retail store has been opened at 933 Park avenue near 81st street by two young Greek florists. This is a good locality and they are likely to secure business.
 The House of Ferns, 41 West 28th street, is now keeping up a good stock of Florida asparagus and Manager Rankin reports that business is improving.
 M. Frank & Sons, 1361 Third avenue, stated that they had good Thanksgiving business and expect still better Christmas business, and are preparing for it.
 Robert Craig, Jr., of Philadelphia, was in this city December 1. He said that his house was very strong on "Craig Quality Plants" for Christmas.
 A. F. F.

Wholesale Flower Markets

NEW YORK, Dec. 8.	Per 100
Roses, Beauty, special.....	25 00@35 00
" " extra and fancy....	15 00@20 00
" " No. 1 and No. 2....	8 00@10 00
" " Prima Donna, special....	25 00@30 00
" " No. 1.....	10 00@12 00
" " Alice Stanley.....	2 00@10 00
" " Francis Scott Key, special....	12 00
" " Mrs. Geo. Sawyer.....	2 00@ 8 00
" " White Killarney, special....	6 00@ 8 00
" " Killarney, My Maryland....	
" " special.....	5 00@ 8 00
" " No. 1 and No. 2....	2 00@ 3 00
" " Queen.....	2 00@10 00
" " Brilliant.....	2 00@10 00
" " Aaron Ward.....	2 00@10 00
" " Richmond.....	2 00@10 00
" " Sunburst.....	2 00@10 00
" " Taft.....	2 00@ 8 00
" " Milady.....	2 00@ 8 00
" " J. L. Mock.....	2 00@ 8 00
" " Hadley.....	2 00@15 00
" " Ophelia.....	2 00@10 00
" " Mrs. Chas. Russell.....	2 00@12 00
" " Hoosier Beauty.....	2 00@15 00
Cattleya Orchids, special.....	75 00
inferior grades.....	40 00@60 00
Cypripedium..... per doz., \$1.50@2.00	
Lilies, Longiflorum and Harrisii..	4 00@ 5 00
Lily of the Valley.....	2 00@ 3 00
Carnationa.....	2 00@ 3 00
Bouvardias.....	3 00@ 5 00
Adiantum Crowns and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bchs.	2 40@ 3 00
Smilax..... doz. strings	1 00@ 1 00
Chrysanthem'ns, special, per doz.	1 00@ 3 00
inferior grades, per doz.	50@ 75
Gardenias..... per doz.	4 00@ 6 00
Violeta, single.....	60@ 75
double.....	60@ 75
Sweet Peas, orchid flowered.....	1 25@ 1 50
Common.....	75@ 1 00
Mignonette..... per doz., 50c@75c	
Pansies, cut.....	75@ 1 00

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly **Charles Schenck**
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited
 Mention the American Florist when writing

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.
V. S. DORVAL, Secretary.
 Mention the American Florist when writing

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK
 Mention the American Florist when writing

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
 Mention the American Florist when writing

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.
 Mention the American Florist when writing

WHOLESALE FLORISTS

A. Young & Co.
 59 West 28th St. New York
 Consignments Solicited
 Mention the American Florist when writing



A HOLLY WREATH

Red and Green

FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3 3/4 x 4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color, 1.50. The large size, one color, \$2.70.

Cash with order.

American Florist Co.

440 S. Dearborn St., CHICAGO.

Bronze and Green

GALAX



Prompt Shipment.

\$3.00 and \$3.75 per case.

Best Quality Fresh from First Hands. Big bargain for the holidays. Try a few cases and be convinced.

—Cash with order.—

G. A. HOLDER, Galax, Va.

CASE HOLLY

Good green heavy berried stock.

Single case.....\$3.75

Five or more..... 3.50

Delivered to points east of the Mississippi river.

HOLLY WREATHS.

Made on round hoops from the best glossy green holly with four large clusters of berries.

14-inch wreaths..... per 100, \$10.00

18-inch wreaths..... per 100, 14.00

Case lots delivered free. Less than case lots f. o. b. shipping point.

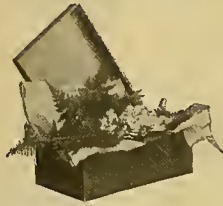
BOXWOOD SPRAYS.

Bright, clean stock. 25 lbs. lots or more, 10c per lb. f. o. b. shipping point. Ask for prices on 500 lb. lots or more.

CASH WITH ORDER.

H. AUSTIN, FELTON, DEL.

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company

161 Water Street, SANDUSKY, OHIO

HOLLY

\$2.25 Per Case

Good with us this year.

E. A. BEAVEN, = = Evergreen, Ala.

Mention the American Florist when writing

GREEN GOODS

If you want to buy greens that you can use and get your orders filled promptly, just send them to us and you will not be disappointed.

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Fancy and Dagger Ferns..... 8.50 per case of 5,000
Long Green Leucothoe...\$2.00 per 1000 | **Long Bronze Leucothoe**..\$3.00 per 1000
Short Green Leucothoe.... 1.00 per 1000 | **Short Bronze Leucothoe**.. 2.00 per 1000

T. J. RAY & CO., Elk Park, N. C.

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Direct from the woods to the dealer. **NEW CROP NOW READY.**

Dagger and Fancy Ferns...80c per 1000; case of 5,000, \$3.50
Green Galax50c per 1000; case of 10,000, 4.00
Bronze Galax.....50c per 1000; case of 5,000, 2.00
Green Leucothoe (long).....per 1000, 2.00
Green Leucothoe (short).....per 1000, 1.00
Rhododendron Leaves....per 1000, 50c; per case of 5000, 2.00

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TERMS CASH. **BANNER ELK, N. C.** Goods Guaranteed.



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A splendid Xmas Red Ribbon. (Bolt of 10 yds.)
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 No. 12......65 No. 60..... 1.20
 No. 16......75 No. 80..... 1.35
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 Perpetuated Moss..... 3.50 per bag

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Established in 1857.



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- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Cross, Eli, Grand Rapids, Mich.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heinl & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Rcht. C., Houston, Tex.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Leborius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Philips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldocechi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Reuter's, New London, Conn.
- Reuter's, Norwich, Conn.
- Reuter's, Westerly, R. I.
- Rochester Floral Co., Rochester, Minn.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
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Duluth, Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
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New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
Springfield, Ill.—A. C. Brown.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
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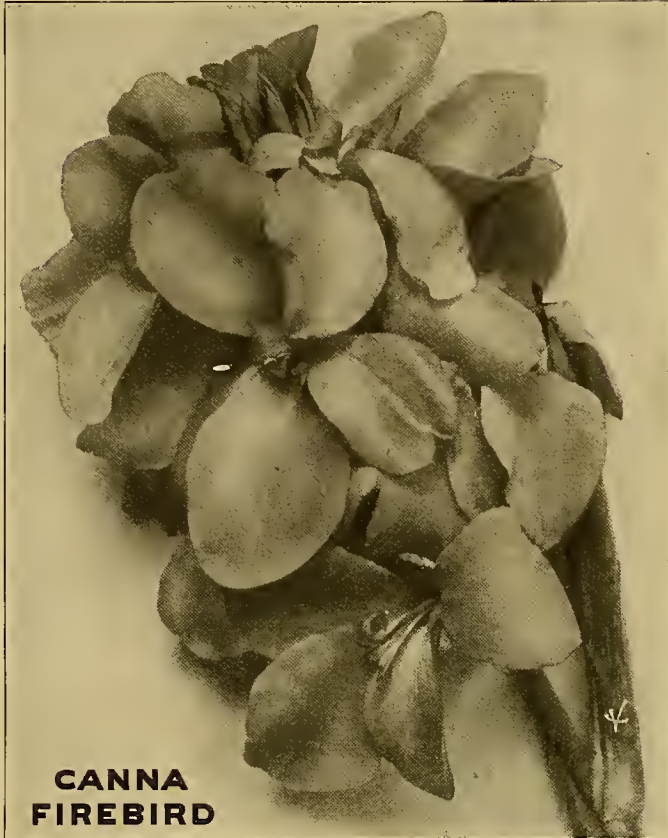
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Fine stock of

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in 7, 8, 9 and 10 in. pans at greatly reduced prices.

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PRIMROSES

Per 100 Per 1000

- Obc. Alba, Rosea and Ruby.
2¼ in pot\$1.50 \$10.00
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Good strong plants ready for a shift or to be divided.

6-inch, 75c each; 8-inch, \$1.25 each.

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Good strong plants

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Well grown plants of best varieties

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The cut flower variety, 2 in.. \$2.00 per 100 \$18.00 per 1000.

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J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Belgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

IT IS reported that fertilizer concerns are co-operating.

ALBERT DICKINSON with Mrs. Dickinson is spending the winter at Orange City, Fla.

SEEDS grown in California for German dealers are reported as having gone forward.

THE first of the new season's calendars comes from Geo. R. Pedrick & Son, Pedricktown, N. J.

CHICAGO.—Prices for grass seed on the Board of Trade, December 8, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

CHINESE narcissus, Paper Whites and Von Sions have been scarce items the past few weeks and are now out of the market.

A. J. BROWN, of Grand Rapids, Mich., celebrated his fifty-fifth birthday anniversary December 5, but says he feels only forty-five.

CALIFORNIA seed growers report three inches of rain during the past week and admit the onion outlook is now less gloomy.

THE United States Department of Agriculture is asking for the congressional seed distribution bids, to be opened January 11, 1916, at two p. m.

ONION SET growers at Chicago say they will not pay \$1.50 per pound for onion seed next spring. Dealers say they will pay that or more, or go without.

ST. REMY, FRANCE, November 20.—There is no further news as to the dates of trial of seed growers in prison for sales of seeds contrary to war regulations.

PORTSMOUTH, VA.—Vernon A. Brooks is president and W. J. Guille, secretary of the Hubert Bulb Co., which has been incorporated with a capital stock of \$50,000.

ENKUIZEN, HOLLAND.—Sluis & Groot have changed their business to a limited liability company under the style of Sluis & Groot's, dating from November 16.

KELWAY & SON, Langport, Somerset, Eng., who employ about 130 people, had 60 men of military age in their service at the outbreak of the war, 45 of whom are now on military duty.

CINCINNATI, O.—J. Chas. McCullough returned last week from a southern fishing and hunting trip, landing two six-pound tarpon in Florida and a fair share of the Virginia black mallards.

VISITED CHICAGO: Edward Dungan, of the Wm. Henry Maule Co., Philadelphia, Pa.; J. W. Edmundson, representing the California Seed Growers' Assn., San Jose, Calif.; Chas. R. Kimberlin, of the Kimberlin Seed Co., Santa Clara, Calif.

EUGENE SCHAETTEL, representative of Vilmorin-Andrieux & Co., Paris, France, who has been calling on the American trade, on December 6 received the sad news of the death of his mother. Mr. Schaettel sails for home December 11.

CHRISTMAS GREENS.—At Chicago holiday of inferior grade is already offered by commission houses at low prices. Bulk bouquet green is practically sold out, a few crates being sold, December 7, at \$10. Boxwood and mistletoe are in the market.

THE late W. Atlee Burpee was a most successful advertiser, and his slogan of later years, "Burpee's Seeds Grow," has become familiar throughout the horticultural world. While his efforts during the past quarter century mainly centered on garden flowers and vegetables, the older generation of seedsmen will recall that Welcome Oats was the principal subject of his highly effective advertising campaign in the agricultural press during the early eighties.

The Burpee Estate.

By the will of the late W. Atlee Burpee, who died at Fordhook farm, November 26, an estate of from \$500,000 to \$700,000 was disposed of. The figures given are approximate. The will, executed May 27, 1913, names as executors the testator's wife, Mrs. Blanche Simons Burpee; his brother-in-law, Alexander Buchanan Scott; ex-Judge Harman Yerkes, of Doylestown, and David Burpee, his oldest son. It is plainly the intention of Mr. Burpee, as expressed in the will, that the seed business he established and conducted so successfully should be continued by his sons, David Burpee and W. Atlee Burpee, Jr. One-half interest in the business is left to the sons, one-third to Mrs. Burpee, one-sixth to the testator's sister, Mrs. Sarah Coburn Burpee Scott, and, until the estate is settled by the executors, one-sixth of the profits from the business is to go to Howard M. Earl, who has been Mr. Burpee's business manager for many years. The Burpee property at Fifth and York streets, Philadelphia, containing the seed establishment, is given to David Burpee and W. Atlee Burpee, Jr. Fordhook Farm, Doylestown, and Floradale, in the Lompoc, California, are bequeathed to David Burpee. Sunnybrook Farm, near Swedesboro, N. J., goes to W. Atlee Burpee, Jr., but Mrs. Burpee retains a one-third life right in all these properties in lieu of dower. Mrs. Burpee is bequeathed all the personal effects and household articles of her husband and \$5,000 immediately. Her one-third interest in the seed business must remain invested there unless she should remarry, when it may be withdrawn if she so desires.

Other bequests to relatives are as follows: Belinda Beatrice Kennedy, a cousin of Mrs. Burpee, \$10,000 in trust; Helen Burpee, L. Kate Burpee and Charles L. Atlee, cousins, \$5,000 each. Full power to will the principal sums is given in these bequests.

Government Bulbs.

The greatest year's planting ever known at the government bulbs farm in Bellingham, Wash., has just been completed by Henry Juenemann, superintendent. Altogether more than 4,000,000 bulbs have been placed in the ground since planting began in September, and about an acre more has been utilized than last year. The limit of the garden's planting capacity has been reached and it would be impossible to plant as many bulbs as has been done this fall had they not been placed closer together than heretofore. This year's planting is about 1,500,000 bulbs greater than that of 1914, and approximately consists of the following: tulips, 2,097,000; hyacinths, 1,226,000; narcissi, 667,000; crocuses, 90,000; scillas, 92,000; total, 4,172,000. This is the last complete planting that can be made with the expectation of getting a full crop from all the bulbs because the lease on the farm will expire before all of another year's planting would mature or could be harvested. As yet nothing has been done by the government definitely determining where the new gardens will be located, so far as is known in Bellingham, but hope is entertained by local business men that the favorable impression made upon Dr. David Fairchild, chief of the division of foreign plant introduction, when he visited Bellingham, will bear fruit in persuading him to favor their retention in Whatcom county, Washington, where at least one good site has been offered the government.

National Potato Growers' Association.

The annual convention of the National Potato Growers' Association, in conjunction with the Michigan State Potato Growers' Association and an attendance of a number of prominent members of the Wisconsin Potato Growers' Association, opened at Grand Rapids, Mich., December 1, the meeting continuing three days. Standardization was the keynote of the addresses and discussions, among the speakers being J. W. Hicks, president of the Wisconsin association; A. L. Hopkins, head of the Michigan organization; W. A. Martin, president of the national association; Dr. H. B. Wheeler, of Boston, Mass.; Carl Schurz Vrooman, assistant secretary of the United States department of agriculture; Dr. W. A. Orton, Washington, D. C.; E. R. Smith, president of the New York State Potato Growers' Association.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Mention the American Florist when writing

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

1000 Specimen Holly Trees



From Holland
For Christmas Decoration
To be Offered at Auction

Write us For Particulars.

The MacNiff Horticultural Company
54 and 56 Vesey Street, New York

tion; Dr. G. H. Coons, of the Michigan Agricultural College, East Lansing, and Dr. H. E. Horton, of Chicago. Dr. Wm. Stuart, of Holton, Me., secretary of the national association, was among those present.

Imports at New York.

During the week ending December 4, imports were received as follows:

MacNiff Hort. Co., 5 boxes plants, 3 boxes palm leaves, 2 cases bulbs (Bermuda), 38 cases bulbs (Rotterdam, Holland).

Loechner & Co., 25 cases plants, 73 cases lily of the valley pips (Copenhagen, Denmark).

R. & J. Farquhar & Co., 13 cases lily of the valley pips (Copenhagen, Denmark).

Julius Roehrs Co., 9 cases plants (Liverpool, Eng.), 50 cases lily of the valley pips (Copenhagen, Denmark).

Stumpp & Walter Co., 1 case plants (Liverpool, Eng.), 1 case seeds (Rotterdam, Holland).

J. M. Thorburn & Co., 21 bags seeds (Swansea, Eng.), 23 bags seed (Copenhagen, Denmark), 15 bags seed (Rotterdam, Holland).

H. Bayersdorfer & Co., 95 cases immortelles (Marseilles, France).

McHutchison & Co., 4 cases rose trees (Liverpool, Eng.), 66 cases plants (Rotterdam, Holland).

Vaughan's Seed Store, 4 cases manetti stocks (Liverpool, Eng.).

J. T. Noll & Co., 25 cases seeds (Rotterdam, Holland).

H. F. Darrow Co., 3 packages seed (Rotterdam, Holland).

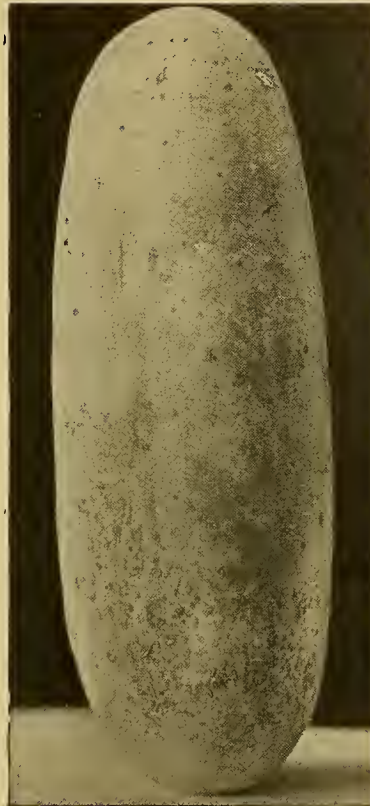
A. T. Boddington Co., 1 case bulbs (Rotterdam, Holland).

S. D. Woodruff & Sons, 42 bags and 89 packages seed (London, Eng.)

Vaughan's Seed Store, 10 cases manetti stocks (London, Eng.).

Nungesser-Dickinson Seed Co., 99 bags seed (Liverpool, Eng.).

To order and others, 1 case palm leaves, 4 boxes plants (Bermuda), 600 barrels seeds (Bordeaux, France), 367 packages lily of the valley pips, 354 packages and 7 bags seed (Copenhagen, Denmark), 429 bags seed (Genoa, Italy), 1,050 barrels and 847 packages seeds, 11 packages plants (Havre, France), 586 bags seed, 59



Improved White Spine Cucumber.

grown under irrigation by

Western Seed & Irrigation Co.

Seed Growers and Dealers. Specialties:
Cucumber, Musk and Watermelon,
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster,
Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing



CANNA
FIREBIRD
GET IT NOW

25 Strong Roots for \$5.00

VAUGHAN'S SEED STORE

NEW YORK CHICAGO

Mention the American Florist when writing

WANTED
Traveling Salesman

For a wholesale garden seed firm,
for Southern and Eastern States.
Must have experience in this line
and also have traveled for a similar
concern. Address

P. O. Box 1594,
Philadelphia, Pa.

Mention the American Florist when writing

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence Solicited. **SWEDSBORO, N. J.**
Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.
Mention the American Florist when writing

Beans Wanted

Quote prices and mail samples, new crop Bean Seed. I pay cash.

Chris. Reuter, New Orleans, La.

cases trees, etc., 20 packages seed (Liverpool, Eng.), 21 packages plants (London, Eng.), 2,123 cases and packages roots, 117 cases bulbs (Rotterdam, Holland), 12 cases immortelles (Marseilles, France), 6 cases plants, Liverpool, Eng.), 208 packages and 57 bags seed, 58 cases plants, 954 cases lily of the valley pips (Copenhagen, Denmark), 243 bags and 9 barrels seed, 251 bags and packages seed, 17 cases manetti stocks, 12 cases mushroom spawn (London, Eng.).

Birmingham Seed Trade.

The McVay Seed & Floral Co. has opened up an exclusive wholesale seed warehouse on the northeast corner of Morris avenue and Twenty-second street. Their new building, in the heart of the wholesale district, is 50x100 feet, three stories and basement, giving them 20,000 square feet of floor space. The building is equipped with two powerful electric elevators and there has been installed a battery of three of the most modern seed cleaning machines, besides a bean polisher, a fertilizer mixer and a Nordyck-Marmon grinding mill, all operated by a 25-horse power Edison electric motor.

The Gorman-Gammill Drug & Seed Co. are doing an active business in seeds and dairy supplies.

The old Amzi Godden Seed & Grain Co. is now being operated by a new corporation, the Amzi Godden Seed & Grain Co.

G.

Cold Storage Valley FOR HOLIDAYS

Packed in cases of 500, 1000 and 2500.

Regular Grade.....per 1000, \$15.00
Extra Grade, XXXX.....per 1000, 20.00

ORDER NOW and give dates for later shipping.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Asparagus Plumosus Seeds

New crop, fresh, lath-house grown.

5,000 or more seeds.....\$1.30 per 1000
20,000 " " 1.20 "
50,000 " " 1.00 "

Delivered free anywhere in the United States upon receipt of remittance.

McHUTCHISON & CO., THE IMPORT HOUSE, 17 MURRAY ST. **NEW YORK**



Asparagus Plumosus Nanus

(NEW CROP—READY NOW)

Plump and of high germinating quality, Northern Greenhouse grown, the same high class strain as supplied by us for the last 15 years.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50; 5000 to 10,000 seeds at \$3.25 per 1000.

Vaughan's Seed Store
CHICAGO NEW YORK

The Everett B. Clark Seed Co. GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radiash, Beet,
Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

WICHITA, KAN.—Chas. P. Mueller will add two houses, each 30 by 150 feet, to his present range.

MAKANDA, ILL.—The Illinois Seed & Nursery Co. has been incorporated with a capital of \$10,000. The directors are J. H., A. L. and H. J. Bradley.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Mention the American Florist when writing



Burpee's Seeds Grow

Forty Years of Burpee Service

FOR forty years we have aimed to render faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us, not only the world's largest mail order seed business, but a world wide reputation for efficient service and undisputed leadership.

More opportune than anything we ourselves may say about Burpee Quality Seeds are the many remarkable things our thousands of customers and friends have said and continue to say about them. These customers return to us year after year, not because seeds cannot be found elsewhere, but because of our superior quality and service.

The House of Burpee

Has introduced more distinct new varieties of vegetable and flower seeds that are now in general cultivation than have any three other American firms, but never have we catalogued any one of these varieties until it had passed all the exacting requirement of the Burpee-Standard. This Burpee-Standard is maintained by rigid tests at Fordhook Farms, America's largest and most complete trial grounds. These tests are made each year for the purpose of strengthening this Bond of Confidence between our customers and ourselves.

The Fortieth Anniversary Edition of Burpee's Annual

The Leading American Seed Catalog is unlike any other. The front cover illustrates the greatest novelty in Sweet Peas, "Fiery Cross," and the back cover the two famous Burpee Bantams, Golden Bantam Corn and Blue Bantam Peas. It is a safe guide to success, and of real value to every one who plants seeds either for pleasure or profit. Florists and Market Growers should have our Blue List, the Market Growers' Handbook. This is the wholesale price list for planters. Write for these catalogs today. A post card will bring them.

W. ATLEE BURPEE & COMPANY

SEED GROWERS

Burpee Buildings,

Philadelphia.

COLD STORAGE

VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

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THE
J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomdale Farm.

Bristol, Pa.

Mention the American Florist when writing

Contract Growers Of

Pepper Tomato Egg Plant Spinach
Kale Turnip Okra Radish
Sweet Corn Field Corn

Stokes Seed Farms Co., Inc
Moorestown, New Jersey

Mention the American Florist when writing

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

Come to see the most profitable rose pink carnation growing.

MISS THEO?

is pleased to welcome visitors.

Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

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Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Have just received a small surplus of

**Japan Grown Freesias and
L. Formosums.**

Cold storage **GIGANTEUMS** always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of
Pedigree Tomato Seeds Baltimore, Md.

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages,
Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.



**CANNA
FIREBIRD**

GET IT NOW

25 Strong Roots for \$5.00

VAUGHAN'S SEED STORE

NEW YORK CHICAGO

Seedsman requiring the very best selection

Garden Seeds

(Vegetable and Flower), especially

**Kelway's Celebrated
English Strains**

can get them at lowest independent wholesale
rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

FLORISTS appreciate the importance
of seeds and bulbs which may be
depended upon: most florists have
experienced the disappointment and loss
incident to poor quality.

Thorburn's Bulbs

for forcing and outdoor planting are care-
fully described in our "Wholesale Price
List for the Trade Only."

Send for your copy if you have
not already received it. It
will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana			
	In. high	Each	Per doz.
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50	
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00	
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00	
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48.....	5.00	
12-in. cedar tub, 4 plants in tub, 5 to 5 1/2 ft., heavy.....	5 to 5 1/2 ft., heavy.....	10.00	
12-in. cedar tub, 4 plants in tub, 5 1/2 to 6 ft., heavy.....	5 1/2 to 6 ft., heavy.....	12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00	
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00	

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens			
			Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....			\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....			1.00

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2 1/2-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50 30.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00
9-in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

HOLLY
Select per case \$4.00
Holly Wreaths, 10-in., doz., \$1.80
Wreathing, 20 yds.85

IMMORTELES—Red
Doz.....\$3.10. Case of 125 bunches....\$31.25

RED ROPING
No. 1, 35c; No. 2, 50c; No. 3, 80c per roll

ST. LOUIS SEED CO.
411-413 Washington Ave., ST. LOUIS, MO.

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8 inch tubs, 36 inches high, at.....	\$3.00 each
10-inch tubs, 40 to 44 inches high, at.....	5.00 each
Kentia Forsteriana, made up, bushy plants, in good tubs.	
7-inch tubs, 3 plants in a tub, 36 inches high, at.....	\$3.00
8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at.....	3.50
8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at.....	4.00
8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at.....	5.00
9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at.....	6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at.....	7.50
Asparagus Sprengeri, strong 3-in.....	\$ 5.00 per 100
Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15.00 per 100; strong 5 in. pots.....	25.00 per 100
Dracena Terminalis, strong 5-in, well colored.....	\$7.00 per doz.; 50.00 per 100
Hydrangeas, French sorts, assorted, and Otaksa, pot-grown; 4-in. pot plants, \$15.00 per 100; 5-in. pot plants.....	20.00 per 100
Adiantum Glory of Mordrecht, 4-in. pot plants.....	\$4.00 per doz.; 25.00 per 100
Fern Dish Ferns, all standard varieties.....	100, \$3.00; 1000, \$25.00
Ficus Elastica, 5-in. pots, 18 in. high, broad leaved, at.....	.40
Adiantum Glory Mordrecht, 5-in., very fine.....	\$4.50 per doz.; \$30.00 per 100
Heliotrope, 2 1/4-in., purple or white.....	\$3.00 per 100
Lantanas, 8 varieties, 2 1/4-in.....	\$4.00 per 100

Seedling Pansies

In mixed color or separate white, yellow and purple, at

\$4.00 per Thousand.

This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,
Sutphin Road and Rockaway Boulevard
JAMAICA, N. Y.

The Storrs & Harrison Co. PAINESVILLE, OHIO

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.
Mention the American Florist when writing

CARNATIONS

F. DORNER & SONS CO.,
LaFayette, - Indiana

AZALEAS

We have extra fine Azaleas and quote them 12 to 14 inch heads at 75c; 14 to 16 inch heads at \$1.00 each. These prices are good for one week only. Varieties: Vervaneana, Mme. Petrick, Simon Mardner, Hexe, Mme. Vander Cruysen, E. Eckhout, Schryvenana, Empress of India, Niohe, J. Llewelyn and Vervaneana Alba.

Geo. A. Kuhl, Wholesale Grower.
PEKIN, ILL.
Mention the American Florist when writing

FREE

This Fine

Budding Knife

With 2 New Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....	\$1.00 each
Pyramids, 2 1/2-ft.....	1.50 each
Pyramids, 3 -ft.....	2.00 each
Pyramids, 3 1/2-ft.....	2.50 each
Standard Shape, 14x14 in.....	2.50 each
Globes, 14x14 in.....	3.00 each
Heavy Bushes, 2-ft.....	1.50 each
Nice Bushes, 15-in.....	.35c each

F. O. FRANZEN 5319 N. Clark St.
CHICAGO

Miscellaneous Plants

Alyssum (Giant and dwarf double).
Alternanthera (8 varieties).
Begonia (Vernon mixed).
Coleus (Golden Bedder, etc.)
Lemon Verbena.
Moonvine (Blue and white).
Salvia (Bonfire and Zurich).
Senecio Argenteus (Dusty Miller).
Swainsona (Alba and Rosea).
Ageratum (6 varieties).
Cuphea (Cigar Plant).
Fuchsias (10 varieties).
Lantanas (10 varieties).
Parlor Ivy (Senecio Scandens).
Petunias (Double and single).

2 inch, \$2.00 per 100; \$18.50 per 1000.
3-inch, 3.00 per 100; 25.00 per 1000.

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FALL PRICE LIST

ROSES

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Duabar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

BELMONT, MASS.—Edward Skahan, well known market gardener, and at one time a violet specialist, died at his home in this city, December 1.

Prices of Indoor Fruits and Vegetables.

Chicago, December 7.—Mushrooms, home grown, No. 1, 40 to 45 cents per carton; lettuce, cases 10 cents; radishes, 75 cents to \$1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, four baskets, \$1.25 to \$1.65; cucumbers, dozen, \$1.25.

New York, December 7.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, 90 cents to \$1.12 per dozen; mushrooms, 75 cents to \$1.50 per 4-pound basket; tomatoes, 12 cents to 25 cents per pound; radishes, per 100 bunches, \$1.00 to \$3.00; lettuce, per dozen, 25 cents to \$1.75.

Onions for Winter.

ED. AMERICAN FLORIST:

Having a demand for green bunch onions during winter would you give advice as to variety, temperature, etc.? We raised several acres of Egyptian onion the past summer, also a quantity of other small onions. Our greenhouses are kept at carnation and lettuce temperatures. We also have a rhubarb forcing house without light. Is it practicable to dig Egyptian onion up in the fall to force through the winter as wanted and how should they be stored?

Ontario, Canada. ONTARIO.

When there is a good demand at fair prices, green bunch onions can be made quite a valuable crop in winter. A great deal depends upon the labor available, as the trimming, bunching and washing for market is a big item. It takes painstaking labor to put up nice green onions. On the other hand, the crop hardly knows a set-back, as there is practically no insect or disease to bother with, and temperatures are not as exacting as with many other crops. As to varieties, the Egyptian Winter is probably the best for northern localities, and it is best in the second year; then the plants have stooled out and made nice clumps. They should have clean cultivation in summer and a mulch of old manure, invaluable to lengthen the white part and partly bleach the onions. We have had good results by digging before hard winter and packing them upright in Cummer basket crates. These were placed in deep cold frames, sash put on, and covered lightly with litter or corn stalks. To force, simply bring in a lot every week and plant in the greenhouse; lettuce or carnation temperature will do. To get nice onions they need the full light, and under benches will not do. Under benches they come long and soft and crooked. When growth is under way nitrate of soda in water is a big help

and also improves quality. We have also used cold storage rooms at 32° and piled the crates from floor to ceiling to hold them. This year there should be no trouble to obtain large sprouted onions from dealers and commission men and these will also make excellent green onions under glass. The heaviest demand always comes forward in spring, say a few weeks before the outside crop comes in. At that time of the year they force rapidly and space can be turned over several times.

MARKETMAN.

Massachusetts Horticultural Society.

A meeting of the board of trustees of the Massachusetts Horticultural Society was held Saturday, December 4. The special committee on the award of the George Robert White medal of honor for the year 1915 reported the name of Ernest Henry Wilson. The committee stated that Mr. Wilson was worthy of this award for no one in recent years had done more for the advancement of horticulture than he, for he had introduced to cultivation a greater number of desirable garden plants than had ever before been accomplished by any one man. It was voted, with acclamation, to award the George Robert White medal of honor for the year 1915 to Ernest Henry Wilson.

The following standing committees of the society for the ensuing year were appointed:

Finance—Walter Hunnewell, chairman; Arthur F. Eastabrook, Stephen M. Weld.

Membership—R. M. Saltonstall, chairman; Thomas Allen, Thomas Roland.

Prizes and exhibitions—James Wheeler, chairman; John K. M. L. Farquhar, Duncan Finlayson, T. D. Hatfield, A. H. Wingett.

Plants and flowers—William Anderson, chairman; Arthur H. Fewkes, S. J. Goddard, Donald McKenzie, William Sim.

Fruits—Edward B. Wilder, chairman; William Downs, Ralph W. Rees.

Vegetables—John L. Smith, chairman; Henry M. Howard, William C. Rust.

Gardens—Richard M. Saltonstall, chairman; David R. Craig, Jackson T. Dawson, William Nicholson, Charles Sander.

Library—Charles S. Sargent, chairman; Ernest B. Dane, Nathan T. Kidder.

Lectures—Wilfrid Wheeler, chairman; John K. M. L. Farquhar, F. C. Sears, Fred A. Wilson.

Children's gardens—Henry S. Adams, chairman; Wm. N. Craig, Dr. Harris Kennedy, Mrs. W. Rodman Peabody, Miss Margaret A. Rand.

WM. P. RICH, Sec'y.

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M. Cloth Bound, 75 cents.

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The Goldfish.—By Hugo Mulett. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Mammal.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissus, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorel-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Nettie Blanchard. Well bound. 363 pages and 92 illustrations. Price, \$5.35.

Window Gardening.—By Herman B. Dörner. An interesting subject. Well bound in green cloth. 153 pages and 43 illustrations. Price, \$1.25.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 halftone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

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The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

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| 3 1/2-in. Stevia. Dwarf or tall..... | 7.00 | 65.00 |
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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER and FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloxinias, Larkspur, Nasturtiums, Panais, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per 1/4 oz., \$1.00 per 1/2 oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

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SPECIALTIES

- Roses, from 3-inch pots.
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IN BEST VARIETIES.

Prices low. Send for list.

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- S. A. Nutt..... \$12.50 per 1000
- Ricard and Poltevine..... 15.00
- Buddia Asiatica, a winter blooming variety every florist should grow, either for cut flowers or as a pot plant.

Rooted Cuttings via parcel post, \$2.50 per 100. From rose pots at \$5.10 per 100.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

VISITED CHICAGO: C. W. Ward, enroute to New Orleans, La.; C. B. Knickman, representing McHutchison & Co., New York.

PARDEEVILLE, WIS.—The North Star Nursery Co. has recently added a frost-proof storage and packing house, 48 by 150 feet.

MIDLOTHIAN, VA.—Fire in the packing shed at the nursery of J. B. Watkins & Brother caused a loss of over \$500, November 18.

MACCLENY, FLA.—The C. M. Griffing Co., nurserymen and real estate dealers, has been incorporated with a capital stock of \$100,000.

SAN BERNARDINO, CALIF.—California State Fruit Growers' convention will be held in this city February 17-24, in connection with the sixth annual orange show.

BOSTON, MASS.—The American Forestry Association will hold its annual meeting in this city January 17-18. All meetings will be held at the Copley Plaza hotel.

Schwab Saves Trees.

Charles M. Schwab is having his old homestead, "Immergrun," near Loretto, Pa., moved over tops of trees because he did not wish to have trees cut down nor house destroyed. He recently decided to build a \$1,000,000 summer residence on site of old home. "I would not think of cutting down those trees," said Mr. Schwab. "All you have to do," he told his engineers, "is to jack the house over the trees."

Perennials for Spring Sales.

ED. AMERICAN FLORIST:

Please give me some suggestions about how best to keep hardy perennials, etc., through the winter for early spring sales, such as phlox, gypsophila, Shasta daisy, achillea, hollyhock, sweet william, etc. If I pot them up this fall and place them in cold frames would the pots stand the freezing, or would it be preferable to place them down in the roothouse through the winter? I would like to have same in good condition for early spring sales. If the plants are left in the ground through the winter I can not take them up before the middle of April and would not be able to get them into good condition for planting time. A. P. Manitoba.

By banking up around frames with fresh horse manure and firming down in early winter the frost will not cause serious trouble in getting out perennials on mild days in early spring. If the roothouse is kept well ventilated some of those mentioned will keep in good condition. However, they will need close attention either in frames or roothouse not to get too wet, too dry nor too warm. I believe a shaded greenhouse kept near freezing is the best place to store perennials so as to get them out in good condition in early spring. K.

Chinese Trees Do Well In Eastern No. Am.

That the climate of eastern China is similar to that of eastern North America seems to be the reason for the success which has attended the introduction of many Chinese plants into this country; at least this is the opinion of the specialists in the United States department of agriculture's office of foreign seed and plant introduction. In a new publication of this office which lists seeds and plants imported during the fall of 1912 a definite report is given on the growth of 79 different importations from China, most of which may be termed successful. Plant introductions from foreign countries are distributed by the office until sufficient time has elapsed to give some indication of their possibilities in this country.

A maple which grows 70 feet high, whose leaves turn a golden yellow in autumn, is one of the ornamental trees introduced from China of which something may be expected. A Chinese elm particularly adapted for dry sections for wind-break purposes has proven very satisfactory, and will be more generally introduced. A pine tree and a Chinese butternut also have grown well here. It is hoped that these all may prove as ornamental and useful as the ginkgo tree (also known as the maiden-hair fern tree), which has grown so well along a number of the streets of our capital.

A peach which bears an edible fruit containing a smooth stone (something quite unknown heretofore among peaches), has been brought from China, and may be used to improve our commercial peach. A tree that grows in roadside thickets in parts of China bears a fine variety of quince, golden on one side and reddish on the other. This also has done well in its new environment. So have a new hazelnut bush bearing large nuts, and three new varieties of holly.

The adaptability of the Chinese wood-oil tree for cultivation in northern Florida seems to have been proven by recent experiments. A tree at Tallahassee, Florida, bore two bushels of the fruit last season. In addition to being an economically important tree, it is a decidedly ornamental one. It bears clusters of white flowers with reddish-yellow centers, and in full bloom resembles a catalpa.

Chinese plants are not the only ones that have been doing well in the department of agriculture's garden for foreign plants. Others from the West Indies, Australia, Spain, South America, Hawaii and the Philippines are showing interesting possibilities. Interested experimenters may receive further information about these trees and plants by addressing the office of Foreign Plant and Seed Introduction, United States Department of Agriculture, Washington, D. C.

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Shrubbery
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—ALSO—

Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.
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Roses. One of the most extensive existing collection, deliverable as dwarfs, on their own roots; grafted on dog rose roots; budded on dog rose seedlings; in all the best old and new varieties; also as standards or tree roses.

Rose Stocks. Such as Rosa Canina, of which we have largely increased our production; Manetti, Grifferaie, Laxa, Multiflora, Polyantha, etc.

Fruit Tree Stocks. All varieties, all sizes.

Young Deciduous Ornamental Trees and Shrubs.
Very important collection.

Young Conifers. Very large collection, all the best sorts.

Our list of New, Rare or Noticeable Trees and Shrubs, the most up-to-date list published and of deep commercial interest, should be consulted by all interested.
Grand list Hardy Herbaceous, new and old, etc.
Our new Wholesale Catalogue is ready. Please ask for it.



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YOU NEED THE BIG MONEY MAKER OF 1916.

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100 plants for.....	\$ 30.00
250 plants for.....	70.00
500 plants for.....	125.00
1000 plants for.....	250.00

Orders filled strictly in the Order as booked.

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NEW FRENCH HYDRANGEAS, outdoor pot-grown, 6-inch pots. Reduced prices to close out surplus:

With 7 to 10 branches	\$25.00 per 100
With 5 and 6 branches.....	20.00 per 100
With 4 branches.....	15.00 per 100
Bouquet Rose (rosy amber)	Mme. Maurice Hamar (flesh pink)
La Lorraine (deep pink)	Radiant (rose-carmine)
Mme. E. Monillere (best white)	

GENISTAS, 5-inch pots, compact, shapely plants, **\$20.00 per 100**. Get some of these attractive yellow-flowered plants, to avoid the monotony of too much red and pink material.

FIELD-GROWN ROSES, hardy, firm-wooded, northern-grown stock, with plenty of stored-up vitality. Send for list of varieties.

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Baby Tausendschon	Jonkheer J. L. Mock	Dean Hole
Erna Teschendorf	Mme. Jules Grolez	Mme. Ravary
Kaiserin Augusta Victoria	(Red Kaiserin)	Clotilde Soupert,
Killarney	Farbenkonigen	\$12.00 per 100.
Gen. McArthur	Prince de Bulgarie	Wm. R. Smith

Unless noted, \$15.00 per 100.

CLIMBING ROSES

Climbing American Beauty.....	Per 100 \$15.00	Hiawatha.....	Per 100 \$12.00
Crimson Rambler.....	12.00	White Dorothy.....	10.00
Excelsa (Red Dorothy Perkins)	12.00		

A full list of all Roses on demand.

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Yours truly,
JOHN WATSON.
Newark, N. Y., Oct. 8, 1915.

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A CORDIAL INVITATION

is extended to all local and visiting florists and their friends to call and see our stock of plants for the holidays and all other occasions.

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CROTONS	ARALIAS	ARAUCARIA EXCELSA
FERNS	ASPARAGUS PLUMOSUS	ASPARAGUS SPRENGERI
BOXWOODS	DRACAENAS	KENTIAS
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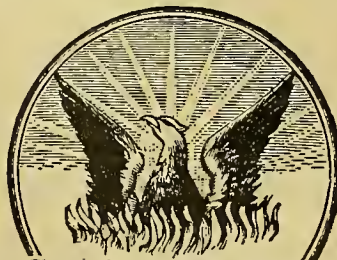
Worcester County Hort. Society.

The annual meeting of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, December 1. The reports of the retiring officers showed that the society is in a prosperous condition. During the past year 17 members have died and 13 new members have been enrolled, making the membership total 650. During the year, \$4,338 was expended for exhibitions and meetings. Appropriations of \$5,500 for the coming year were made.

Edward W. Breed, Clinton, and Leonard C. Midgley, Worcester, who have been respectively president and secretary of the society for the last five years, declined re-election. For their services during this period they were given a sincere vote of thanks. The following officers were elected: Arthur E. Hartshorn, president; Charles Greenwood, Leonard C. Midgley and F. H. Chamberlain, vice-presidents; Herbert R. Kinney, secretary; Burt W. Greenwood, treasurer; Miss Lucy M. Coulson, librarian. Fifteen trustees were also appointed.

R.

JOLIET, ILL.—Heaton Nichols has opened an up-to-date flower store in the Adam Arcade, Ottawa street, where he will carry on a general retail flower business in addition to his thriving nursery and landscape trade.



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Alternantheras, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

ALYSSUM.

Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegheny, N. Y.

AMPELOPSIS.

Ampelopsis Veitchii, 1-year-old field plants to pot up, \$1.50 per 100. Heavy 2-year, long tops, \$5 and \$8 per 100. BENJ. CONNELL, Merchantsville, N. J.

AMPELOPSIS ENGELMANNI, 2-year, selected, \$8 per 100. H. P. STRECKFUS, Syracuse, N. Y.

ARAUCARIAS.

Araucaria Robusta Compacta, 2 to 3 tiers, \$1 each; 3 to 4 tiers, \$1.50, \$2, \$2.50 each. Araucaria excelsa, 3 to 4 tiers, \$1 each; 4 to 5 tiers, \$1.50 each; 5 tiers, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 4-inch, 3 tiers, \$5.50 per doz.; \$40 per 100; 5-inch, 2 ft., 5 tiers, \$1 each; \$10 per doz.; 6-inch, 2 1/2 ft., 6 tiers, \$1.25 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Excelsa, \$12, \$18, \$24 per doz. Anton Schultheis, College Point, N. Y.

ASPARAGUS.

Asparagus plumosus, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2 1/2-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS SPRENGERI. Strong 2 1/2-inch stock, \$2.00 per 100. JOHN KRUCHTEN CO., 162 North Wabash Avenue, CHICAGO, ILL.

Asparagus plumosus, 2 1/2-inch, \$2.50 per 100; 3-inch, \$5; made up in pans, \$1.20 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, GRAND RAPIDS, MICH.

Asparagus Lutziae, 4-inch, 35c each; \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

ASPARAGUS SPRENGERI, strong 4-in., \$5 per 100; 3-in., \$3.50 per 100. Cash. H. A. COOK, OBERLIN, O.

Asparagus plumosus, 2 1/2-in., \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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VANDER CRUYSSSEN, VERVANEANA, white and pink. SIMON MARDNER, NIOBE AND MME. PETRICK, well budded, fine stock, 65c, 85c, \$1.10 and up to \$2.50 each, according to the size. JOHN KRUCHTEN CO., 162 N. Wabash Ave., CHICAGO, ILL.

Azaleas, 12 to 14-inch heads, 75c; 14 to 16-inch heads, \$1 each. Vervaneana, Mme. Petrick, Simon Mardner, Hexe, Mme. Van der Cruyssen, E. Beckhoute, Schryveana, Empress of India, Niobe, J. Llewellyn and Vervaneana Alba. Geo. A. Kuhl, Pekin, Ill.

Azaleas, limited supply for Christmas delivery, \$1, \$1.25, \$1.50, \$2, \$2.50, \$3.50, \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS.

Amoeda, 9-12-in., 75c. Hinodegiri, 10-12 in., 90c. Mollis, red, 12-15-in., 40c; 15-18-in., 60c; yellow, 15-18-in., 40c.

All heavy, vigorous stock in fine condition, balled and hurllaped. F. O. B. Dundee. Terms cash or references.

THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

AZALEAS—Van der Cruyssen, Vervaneana (white and pink), Simon Mardner, Niobe and Mme. Petrick, well budded, fine stock, 65c, 85c, \$1.10 and up to \$2.50 each, according to size. ERNEST ROBER, Wilmette, Ill.

Azaleas, best varieties, 75c to \$5 each. Anton Schultheis, College Point, N. Y.

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BEGONIA LORRAINE. Per 100. 2 1/2-inch.....\$12.00 4-inch.....\$35.00 3 -inch..... 20.00 5-inch..... 50.00

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Best stock obtainable in following varieties:

Cincinnati, 2 1/2-inch \$14.00
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Chatelaine, 2 1/2-inch 3.50
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BEGONIAS—Cincinnati, 2 1/2-in., \$14 per 100; 4-in., \$30 per 100; 5-in., \$50 per 100. MELLOR, 2 1/2-in., \$25 per 100; 4-in., \$50 per 100; 5-in., \$75 per 100. XMAS RED, 2 1/2-in., \$6 per 100; 3-in., \$10 per 100. ERFORD, 2 1/2-in., \$3 per 100; 3-in., \$6 per 100. PRIMA DONNA, 2 1/2-in., \$3 per 100. SMITHI, 2 1/2-in., \$3 per 100. Chatelaine, 2 1/2-in., \$3.50 per 100; 3-in., \$7 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Mrs. J. A. Peterson, strong plants, full of bloom, 6-inch, \$2 and \$2.50 each. Glory of Cincinnati, full of flowers, 25c, 50c, 75c, \$1, \$1.50, \$2 and \$2.50 each. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, O. Bronze and green galax, \$3 and \$3.75 per case. G. A. Holder, Galax, Va.

Begonias, Cincinnati, 3-in., 15c each; 4-in., \$4 per doz.; 5-in., \$8; 6-in., \$9 and \$12 per doz. Lorraine, 4-in., \$3 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Gloire de Chatelaine, Prima Donna and Pfitzer Triumph, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, flowering, 12 kinds, 2 1/2-in., \$5.50 per 100; \$50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Begonia Gloire de Lorraine and Cincinnati, \$9 and \$12 per doz. Anton Schultheis, College Point, N. Y.

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BERRIED STOCK. Skimmia Japonica, red berries, 1 1/2 ft., 60c. Hex Pyramidalis, Holly with red berries, 2 1/2 ft., tubed, \$3.50. Aucuba, with green berries, 1 ft., 60c; 1 1/2 ft., 80c. All heavy vigorous stock in fine condition, balled and hurllaped. F. O. B. Dundee. Terms cash or references.

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Skimmia Japonica, well berried, \$1, \$1.25 and \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

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THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood, hushes, 10 to 12-inch, 25c each; 12-inch, 35c; 15-inch, 60c; 18-inch, \$1. Standard Globes, with short stems, 16 to 18-inch heads, \$4 each; 12 to 18-inch stems, 15-inch crowns, \$2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy hushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5819 N. Clark St., Chicago.

Box trees, standard, pyramid and hush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, spirea, large clumps, new varieties: America, \$10 per 100; Avalanche, \$10; Philadelphia, \$10; Rubens, \$20. Gladiolus: Blushing Bride, \$5 per 1,000; The Bride, \$7; Peach Blossom, \$7.50; Augusta, America, Chicago White, Chicago Salmon, Panama, Princeps, our own American grown and grading. Write for prices.

Lilium Formosum, 7-9-inch, 250 to case, \$55 per 1,000; 9-10-inch, 180 to case, \$75. Lilium Giganteum, new crop, 7-9-inch, 300 to case, \$50 per 1,000; 9-10-inch, 200 to case, \$90. Hardy lilies, album, 8-9-inch, 170 to case, \$9 per 100; \$15 per case; album, 9-11-inch, 100 to case, \$14 per 100; \$14 per case; Auratum, 8-9-inch, 160 to case, \$5.50 per 100; \$8.50 per case; Auratum, 9-11-inch, 100 to case, \$8 per 100; \$8 per case; Rubrum, 8-9-inch, 170 to case, \$5.50 per case; \$9.25 per case; Rubrum, 9-11-inch, 100 to case, \$9 per 100; \$9 per case; Melpomene, 8-9-inch, 170 to case, \$5.50 per 100; \$9.25 per case; Melpomene, 9-11-inch, 100 to case, \$9 per 100; \$9 per case. Vaughan's Seed Store, Chicago and New York.

Gladioli, N. Y. state grown bulbs. Having a surplus of the following A1 varieties, I offer them cheap for cash: Ida Van, per 100, 1st size, \$5; 2nd size, \$4. Pride of Goshen, giant ruffled, 1st size, \$8; 2nd size, \$6. White King, ruffled, fine for forcing and designs, 1st size, \$8; 2nd size, \$6. H. YOEUELL, 538 Cedar street, Syracuse, N. Y.

Bulbs, Giganteum, 7-9-inch, 300 to case, \$50 per 1,000; 8-9-inch, 250 to case, \$70 per 1,000; 8-10-inch, 225 per case, \$80 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia.

Bulbs, Japan grown freestias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Large named Hyacinths, 1st size, \$3 per 100. Single and Double Tulips, narcissus on hand. Send for price list of stock on hand. THOMAS COGGER, MELROSE, MASS.

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Canna Firebird, 25 strong roots for \$5. Vaughan's Seed Store, Chicago and New York.

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We offer to the trade strong, healthy rooted cuttings grown from selected stock plants for spring delivery of the following varieties: Alice, Good Cheer, \$6 per 100; \$50 per 1,000. White Wonder, Matchless, Perfection, Champion, Herald, Beacon, Gloriosa, Eucharant, \$3 per 100; \$25 per 1,000. GREENWOOD CARNATION CO., North Milwaukee, Wis.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

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Aviator	100	1,000
Alice	\$12.00	\$100.00
Good Cheer	6.00	50.00
Pink Sensation	6.00	50.00
Mrs. C. Edw. Akehurst	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dagmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress	2.50	20.00
Champion	2.50	20.00
Enchantress Supreme	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00

25 or more at 100 rate, 250 or more at 1,000 rate.

First class guaranteed cuttings.

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Laura Weher, \$12 per 100; \$100 per 1,000. Guttman & Raynor, Inc., 101 W. 28th St., New York.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. Send for list. The E. G. Hill Co., Richmond, Ind.

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CAREX VARIEGATA. A beautiful low, bushy pot plant for table decoration, 4-inch fine stock, \$5 per 100. We need the room, hence the low prices. **WAGNER PARK NURSERY CO.,** Sidney, Ohio.

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Chrysolora Golden Glow
Smith's Advance White Ivory
Pacife Supreme Diana

50c per doz., \$3.00 per 100; \$25.00 per 1,000.

Klondike, Mrs. Beu, Alice Salomon, \$4.00 per 100; \$35.00 per 1,000.

Dr. Enguehard (Pink), Cometolet (Early Yellow), Halliday (Yellow) \$2.00 per 100.

MUM POT PLANTS.

5 to 6-in., \$25.00 to \$35.00 per 100.

4 1/2-in. plants, \$2.00 per doz.; \$15.00 per 100.

Zenobia Garza
Golden Climax Mensa

\$25.00 per 100.

A. L. RANDALL CO.,
Wabash Ave., at Lake St., CHICAGO.

POMPON STOCK PLANTS.

PETER PAN.

Large double yellow which is always in splendid flower for Thanksgiving. This is the finest of the yellow pompoms.

Price \$1.50 per doz.; \$10 per 100.

WESTERN BEAUTY.

BEST DOUBLE LATE PINK POMPON.
\$1.50 per doz.; \$10 per 100.

EUGENE LANGUELOTT.

Best double yellow pompon for making pot plants for Thanksgiving.

\$1.50 per doz.; \$10 per 100.

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Chrysanthemums, 1916 novelties, novelties for 1915, standard varieties, pompoms, anemones, singles. Prices on application. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Alex. Guttman, stock plants, at \$2 each. Guttman & Raynor, Inc., 101 W. 28th St., New York.

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COLEUS—Xmas Red, 3-inch, \$5.00 per 100.

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Crotons, finest varieties, 5-inch, 50c; 6-inch, 75c to \$1 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

CYCLAMEN.

Cyclamen Giganteum. Wandsbek type, plants nicely shaped and well budded, ready for immediate shipment; assorted or separate colors:

3 1/2-inch	\$ 10.00	per 100
4-inch	15.00	per 100
4-inch, select	20.00	per 100
6-inch, nicely in bloom	50.00	per 100
6-inch, extra select	75.00	per 100
8-inch, exhibition plants	100.00	per 100

All our cyclamen are shipped in paper pots. Cash please.

AURORA GREENHOUSE CO., Aurora, Ill.

CYCLAMEN GIGANTEUM—Wandsbek type— In excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and Salmon colors of the improved Wandsbek. We need the space, 2 1/2-in., \$4 per 100; 3-in., \$7 per 100; 3-in., extra selected, \$10 per 100; 4-in., \$12.50 per 100; 4-in., extra selected, \$18 per 100; 5-in., \$30 per 100.

SEEDLINGS—\$20 per 1,000; \$2.50 per 100; 8 varieties equally divided. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN.

	Per 100	Per 1,000
2 1/2-inch	\$ 5.00	\$45.00
3-inch	8.00	75.00
3 1/2-inch, equal to 4-in.	12.50	
4-in.	15.00	
4-in., extra select.	20.00	

A. L. RANDALL CO., Chicago, Ill.

Cyclamen, 3-inch mixed colors, \$8 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. **The Geo. Wittbold Co.,** 739 Buckingham Place, Chicago.

CYCLAMEN GIGANTEUM, mostly salmon shades in bud and flower, 4-inch select, well grown plants, at 20c; 4-inch with plenty of flowers and bud, but thin foliage; good for making up at 14c. Cash please. **R. J. SOUTHERTON,** Highland Park, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. **A. Henderson & Co.,** 369 River St., Chicago, Ill.

Cyclamen persicum giganteum, 4-inch, 5-inch, 6-inch and 7-inch, 20c, 25c, 50c, 75c, \$1, \$1.50, \$2 and \$2.50. **J. A. Peterson & Sons, McHenry Ave.,** Westwood, Cincinnati, Ohio.

CYCLAMEN, strong flowering plants, 25c to 50c each. **HENRY SMITH,** Grand Rapids, Mich.

Cyclamen, 8 vars., 2 1/2-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. **Alonzo J. Bryan,** Washington, N. J.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. **Poehlmann Bros. Co.,** Morton Grove, Ill.

Cyclamen, assorted colors, 4-inch, flower and bud, \$20 per 100. **Vaughan's Seed Store,** Chicago and New York.

Cyclamen persicum gig., \$6, \$9, \$12, \$18 per doz. **Anton Schultheis,** College Point, N. Y.

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Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. **J. T. Lovett, Little Silver,** N. J.

DAHLIAS—Rare varieties, something good; no junk at living prices. Seed best grade all classes, 25c per pkt. **FORT RECOVERY DAHLIA GARDENS,** Fort Recovery, O.

DAHLIAS—Heavy field clumps, Yellow Duke, Minnie McCullough, Sylvia, \$4 per 100. **J. R. BENJAMIN,** Calverton, L. I.

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CHICAGO WHITE.

One of the best.

Special strain, 2 1/2-inch, \$4.00 per 100.

ETOILE D'OR.

2-inch, \$4.00 per 100.

JOHN KRUCHTEN CO.,
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CHICAGO WHITE. Special strain, 2 1/2-inch, \$4.00 per 100. **ETOILE D'OR,** 2-inch, \$4.00 per 100. Boston Yellow, 2 1/2-in., \$5.00 per 100. Cash, please. **A. E. Hunt & Co.,** 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. **Elmer Rawlings,** Allegany, N. Y.

DRACAENAS.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. **The Storrs & Harrison Co.,** Painesville, Ohio.

DRACAENAS.

Dracenas, Massangeana, 5-inch, 75c each. **D. Stricta Grandis,** 5-inch, \$1 each. **D. Amabilis,** 6-inch, \$1 and \$1.25 each. **D. Terminalis Rosea,** 3-inch, \$3 per doz.; 4-inch, 40c each; \$4.50 per doz.; 5-inch, 75c each; \$7.50 per doz. **D. Godeffiana,** per doz., \$1. **D. Baptistii,** 6-inch, \$1.25 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

50,000 extra healthy and large field-grown **DRACENA INDIVISA,** \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. **ALONZO J. BRYAN,** Wholesale Florist, Washington, New Jersey.

FERNS.

Ferns, Nephrolepis Teddy Jr., 8-in., \$12 per doz.; 6-in., \$6 per doz.; 4-in., \$3 per doz.; 3 1/2-in., \$1.80 per doz.; 2 1/2-in., \$6 per 100. **Elegantissima Compacta,** 8-in., \$12 per doz.; 6-in., \$6 per doz.; 3 1/2-in., \$3 per doz.; 2 1/2-in., \$6 per 100. **Elegantissima,** Specimens, 10-in., \$2.50 each; 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2 1/2-in., \$6 per 100. **Muscosa** and **Smithii,** 5-in., \$6 per doz.; 3 1/2-in., \$3 per doz. **Harrissii,** 8-in., \$12 per doz. **Superbissima,** 8-in., \$12 per doz.; 6-in., \$6 per doz.; 2 1/2-in., \$3 per doz. **Cibotium Schiedeii,** Specimens, 10-in., \$7.50 each. Small ferns for pans, assorted varieties, 3 1/2-in., \$15 per 100; 2 1/2-in., \$3.50 per 100.

F. R. Pierson Co., Tarrytown, N. Y.

Ferns, **Adiantum Mordrecht,** 4-in., \$4 per doz.; \$25 per 100; 5-in., \$4.50 per doz.; \$30 per 100. Ferns for dishes, standard varieties, \$3 per 100; \$25 per 1,000. **The Storrs & Harrison Co.,** Painesville, Ohio.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2 1/2-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. **P. S. Randolph & Sons, R. D. No. 1,** Verona, Pa.

Ferns—strong pot-grown, 3-inch, \$5 per 100. **Aspidium Tsusimensis,** **Cyrtomium Falcatum.** **Pteris Serrulata Cristata,** **Pteris Wilsonii.** **FLORACROFT GARDENS,** Moorestown, N. J.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices for holiday trade. Ferns for dishes, in flats and 2 1/2-inch pots a specialty. **H. Plath, Lawrence and Winnipeg Aves.,** San Francisco, Calif.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. **Whitmani,** 5-in., 20c; 6-in., 35c; **The Geo. Wittbold Co.,** 737 Buckingham Place, Chicago, Ill.

BOSTON FERNS. Bushy established, 4-inch atock, \$12 per 100. Heavy 5-inch, \$18. Extra fine, 6-inch, \$27.50 per 100. **WAGNER PARK NURSERY CO.,** Sidney, Ohio.

Ferns, Roosevelt and Whitmani, 6-inch, 50c; 7-inch, 75c. Roosevelt and Boston, 10-inch, \$2 each. **Poehlmann Bros. Co.,** Morton Grove, Ill.

Ferns, Boston, Scotti, Whitmani, Roosevelt, Scholzeii, 4-inch, \$20 per 100. **Alonzo J. Bryan,** Washington, N. J.

Table ferns, \$3.50 per 100. **Poehlmann Bros. Co.,** Morton Grove, Ill.

Boston ferns, 4-inch, 10c each. Cash, please. **EDGAR EASTERDAY,** Nokomis, Ill.

Boston ferns from beds, \$3.00 per 100. **Jos. H. Cunningham,** Delaware, O.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. **Geo. M. Emmons,** Newton, N. J.

Ferns. **Joseph Heacock Co.,** Wyncote, Pa.

GLADIOLUS.

GLADIOLI FOR FORCING.

	Per 100	Per 1,000
America, 1 1/2 to 2 1/2	\$1.00	\$8.00
" 1 to 1 1/2	.75	6.00
" Blooming size	.50	4.00

Kong von Holland (white)—
Second size 1.00 8.00
500 at 1,000 rate. Cash please.

J. E. THOMAS,
R. No. 3, Box 191, Kalamazoo, Mich.

GENISTAS.

Genistas, 5-in., \$20 per 100. **Jackson & Perkins Co.,** Newark, New York.

GERANIUMS.

Geraniums, good assortment of standard sorts, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. **R. Vincent, Jr., & Sons Co.,** White Marsh, Md.

Geraniums, 15 vars., 2 1/2-in., \$2.25 per 100; \$20 per 1,000. **Alonzo Bryan,** Washington, N. J.

GERANIUMS, mixed varieties, out of 2 1/2-inch pots. Am booking orders for Dec. delivery at \$20 per 1,000. Cash. **JAMES MOSS,** JOHNSTOWN, Pa.

Geraniums, S. A. Nutt, \$12.50 per 1,000. **Ricard and Poitevine,** \$15. **A. M. Herr,** Lancaster, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens, dagger and fancy ferns, 80c per 1,000; case of 5,000, \$3.50. Green galax, 50c per 1,000; case of 10,000, \$4. Green leucothoe, long, \$2 per 1,000; short, \$1. Rhododendron, leaves, 50c per 1,000; case of 5,000, \$2. Elk Galax & Fern Co., Banner Elk, N. C.

XMAS DECORATIONS.

Selected Box Holly, Holly Wreaths a specialty in large and small quantities. Write your requirements.

DELAWARE EVERGREEN CO.,
MILTON, DELAWARE.

Holly, select, per case, \$4. Holly wreaths, 10-inch, \$1.80 per doz. Wreathing, 20 yards, 85c. Immortelles, doz., \$3.10; case, 125 bunches, \$31.25. Red roping, No. 1, 35c; No. 2, 50c; No. 3, 80c per roll. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo

Boxwood, 50 lbs., \$7.50. Immortelles, \$4 per doz. Wild Smilax, 50 lbs., \$4.50. Red and green frieze roping, 50c per 60 yards. Wire rings for holly. Wreaths, all sizes. E. G. Gillett, 131 East 3rd st., Cincinnati, Ohio.

Greens, Vaughan's XXX, holly, bonquet green, green wreathing, boxwood, laurel, mistletoe, magnolia leaves, Japanese roping, cypas leaves, winter berries, immortelles, ruscus, etc. Vaughan's Seed Store, Chicago and New York.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Holly, single case, \$3.75; 5 or more, \$3.50. Holly Wreaths, 14-inch, \$10 per 100; 18-in., \$14 per 100. Boxwood sprays, 25 lbs., lots or more, 10c per lb. H. Austin, Felton, Del.

LYCOPodium bunched, \$7 per 100 pounds, cash. Laurel per crate, \$2.50. Hemlock, 50c to \$1 per bundle. Clark—Florist, 124 Washington Ave., Scranton, Pa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmons, Newton, N. J.

HOLLYHOCKS.

HOLLYHOCKS in separate colors and mixed; fine large plants, \$6 per 100; smaller plants, \$4 per 100. Cash. JAMES MOSS, JOHNSVILLE, PA.

HYDRANGEAS.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas, new French, out-door, pot-grown, 6-inch pots, with 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20; 4 branches, \$15. Bouquet Rose, La Lorraine, Mme. B. Mouillere, Mme. Maurice Hamar, Radiant. Jackson & Perkins Co., Newark, New York.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-in., \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Hydrangeas for forcing. For varieties and prices see advertisement on front cover. Vaughan's Seed Store, Chicago and New York.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGEA OTAKSA, 3-inch at \$5; 5-inch, \$20; 6-inch, \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

JERUSALEM CHERRIES.

JERUSALEM CHERRIES, 5 and 6-inch pots, \$10 to \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Jerusalem Cherries, \$4, \$6, \$9, \$12 per doz. Antoo Schultheis, College Point, N. Y.

LILY OF THE VALLEY.

From Storage.

Lily of the valley from cold storage for Christmas flowering. Brun's Celebrated Chicago Market, \$18 per 1,000; \$9.50 for 500; \$5 for 250. Florists' Money Maker, \$16 per 1,000; \$8.50 for 500; \$2 per 100. H. N. Bruns, 3040 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, ex. cold storage, New York or Chicago. Finest grade of German and Danish pips. Ask for prices. Loechner & Co., Inc., 11 Warren St., New York.

Cold storage valley for holidays; packed in cases of 500, 1,000 and 2,500. Regular grade, \$15 per 1,000; extra grade, XXXX, \$20 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily of the valley pips (new crop, Dutch grown), 1,300-1,600 to case, \$14 per 1,000. Vaughan's Seed Store, Chicago and New York.

MISCELLANEOUS.

Polypodium Mandianum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Coleus, salvia, ageratum, heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Hill's hardy evergreens for decorating window boxes, urns, etc. Hill's hardy tubbed evergreens and boxwoods. For varieties and prices see advertisements elsewhere in this issue. The D. Hill Nursery Co., Inc., Box 404, Dundee, Ill.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

CEDAR, pyramidal red, stocky plants, 4 to 6-in. for lining out, \$20 per 1,000. Cash with order. R. F. Vann, 2023 Wayne St., Columbia, S. C.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchida, Francisco Delgado Q., Bogoto (Chapinero), Colombia.

PALMS.

Palms, Kentia Bel., made-up, 8-in., 36-in. tubs, \$3; 10-in., 40 to 44 in., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering kind, \$3 per 1,000; 10,000 for \$25. If I could only show the nice plants, hundreds of testimonials and repeat orders, I would be flooded with new business. Cash. JAMES MOSS, Wholesale Grower, JOHNSVILLE, PA.

PANSY PLANTS, mixed varieties in bud and bloom, \$15 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

PANSY PLANTS for the benches, nice, stocky plants, \$5 per 1,000; 5,000 or more, \$4 per 1,000. Cash. JAMES MOSS, JOHNSVILLE, PA.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, only large plants, \$2, \$2.50 and \$3 each. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Pandanus Veitchii, 5-inch, 50c; 4-inch, 35c. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, \$9, \$12, \$15, \$18 per doz. Anton Schultheis, College Point, N. Y.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

CELESTIAL PEPPERS, 6-inch at \$25 per 100. HENRY SMITH, Grand Rapids, Mich.

Christmas Peppera. Geo. A. Kuhl, Pekin, Ill.

PETUNIAS.

Petunias, dbl. mixed colors, 2-in., \$2 per 100; 3-in., \$3 per 100. Named varieties, 2-in., \$3 per 100; 3-in., \$4 per 100. Single mixed colors, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

POINSETTIAS.

POINSETTIAS. 100 1,000

2,500 2 1/2-in. good plants.....\$4.00 \$37.50
2 1/2-in. extra select..... 5.00 45.00
3-inch 8.00 70.00

A. L. RANDALL CO.,

Wabash, at Lake. Chicago, Ill.

Poinsettia pulcherima, single pots, \$4 and \$5 per doz. Pans from \$1 to \$4 each. Anton Schultheis, College Point, N. Y.

POINSETTIA HEADQUARTERS—3-inch, \$8 per 100; 4-inch, \$12 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, 6-inch, 50c and 75c each; 7-inch, \$1 each; 8-inch, \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Poinsettias, 2 1/2-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS, 3-inch, \$5 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMROSES.

OBCONICA, MALACOIDES, CHINESE.

VERY GOOD STOCK.

4-INCH, \$9.00 per 100.

PFYFER & OLSEN,

WILMETTE, ILLINOIS.

Primroses, obconica alba, rosea and Ruby, 2 1/2-in., \$1.50 per 100; \$10 per 1,000. O. Gigantea, 2 1/2-in., \$2 per 100; \$15 per 1,000. Jos. H. Cunningham, Delaware, O.

Primroses, Chinese, 4-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primula obconica, in bloom, 5-inch, \$3 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

RHODODENDRONS.

Kate Waterer, pink; John Walter, red; Mme. Carvalho, white; Sir Henry Havelock, red; 6-10 buds, 12-18-in., \$1 each; Catawbiense Grandiflora, crimson, purple, scarlet, 10-12 buds, 15-in., \$1 each; Pink Pearl, White Pearl, 6-8 buds, 18-21 in., \$2 each. All heavy, vigorous stock in fine condition, balled and burlapped. F. O. B. Dundee. Terms cash or references.

THE D. HILL NURSERY CO., Inc.,

Box 404, Dundee, Illinois.

ROSES.

Roses, Baby Tausendschon, Erne Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer, J. L. Mock, Mme. Jules Grolez, Farbenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soppert, \$12 per 100. Wm. E. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering. December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Forcing grade select field-grown roses: Dorothy Perkins, Hiawatha, Crimson Rambler, Magna Charta, Baby Ramblers, Baby Tausendschon, Erna Teschendorf, \$15 per 100; \$120 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Rose Champ Welland, own root; 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted; 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Welland & Risch, 154 N. Wabash Ave., Chicago, Ill.

Field-grown roses, hardy, firm-wooded, northern-grown stock, with plenty of stored-up vitality. Send for list. Jackson & Perkins Co., Newark, New York.

Rose Prima Donna, \$15 per 100; \$125 per 1,000. Guttman & Raynor, Inc., 101 W. 28th St., New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

Roses on canina stocks. Write for prices. Gratama Bros. & Co., Hoogeveen, Holland.

SEEDS.

WINTER ORCHID—FLOWERING SWEET PEA SEED—I have still some of the best money makers on hand: Mrs. A. A. Skaach, clearest pick, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose. Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 ozs.; \$18, 1 lb. Late Spencers: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lav.; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT. C. ZVOLÁNEK, Sweet Pea Ranch, Lompoc, Calif.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus, 5000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchison & Co., 17 Murray St., New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash, Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Budger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Day St., New York.

Seeds, wholesale field and garden seeds. J. Belgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, growers for the trade; beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett E. Clark Seed Co., Milford, Conn.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SMILAX.

SMILAX.
Strong 2 1/2-inch stock, \$1.75 per 100.
JOHN KRUCHTEN CO.,
162 North Wabash Avenue, CHICAGO, ILL.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SMILAX, strong plants, 3-inch pots at \$4 per 100. HENRY SMITH, Grand Rapids, Mich.

SPIREA.

Spirea clumps: Gladstone, \$1.25 per doz.; \$8 per 100; Floribunda Compacta, \$1 per doz.; \$7.50 per 100; Japonica, \$1 per doz.; \$7 per 100. A. Henderson & Co., 369 River St., Chicago.

SWAINSONA.

SWAINSONAS, white, 4-inch pots, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 55c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Field-grown Vinca Variegata, ready for 5-in. pots, \$5 per 100; ready for 4-in. pots, \$4 per 100; field rooted layers, 90c per 100; \$8 per 1,000. Cash. H. A. COOK, OBERLIN, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca var., 3 1/2-inch, cut back, \$5 per 100. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. E. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Apbine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Apbine Manufacturing Co., Madison, N. J.

Nicotine. The Grassell Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Magie Complete Manures. Chicago Feed & Fertilizer Co., 810 Exchange Ave., Union Stock Yards, Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Pexto Pruning Shears for trees, shrubs, vines, bushes, hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pilley's combination flue brush and scraper. Pilley Packing & Flue Brush Mfg. Co., 620 S. Third St., St. Louis, Mo.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetco Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hlode & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

Raffia, natural and colored. McHutchison & Co., 17 Murray St., New York.

POTS AND PANS.

Red burned flower pots, hanging baskets, porch boxes and porch pots. Write for catalog. The Logan Pottery Co., Logan, O. Chicago office, 101 S. 5th Ave.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans, Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

FOLEY GREENHOUSES

We have the ideal construction in any type of house, Iron Frame, Semi-Iron Frame or Wood.

During the past year it has been our pleasure to furnish houses for many prominent and successful growers throughout the country—men who know real value when they see it.

If you want it right, have it done
the "Foley Way." - We know how.

The Foley Greenhouse Mfg. Co.
3100 S. Spaulding Ave., CHICAGO

Ft. Wayne, Ind.

Winter weather has followed Thanksgiving and trade is excellent. Chrysanthemums are practically over, most of them having been cleaned up at Thanksgiving. Roses are more plentiful, of good quality, and sell readily, especially in short and medium lengths. Shawyers are the best sellers in the pink varieties and command good prices. Carnations in pink and white are plentiful, but the reds are scarce, as are sweet peas. Violets are plentiful and of good size and bring \$2 per 100. There is a good call for flowering plants and a splendid variety to choose from. A few azaleas are in and Lorraine begonias, primroses, Jerusalem cherries and cyclamens are to be seen. Trade during the past week was mostly in funeral work, augmented by a few weddings and the demand for flowers for social events.

NOTES.

The Flick Floral Co. executed a handsome casket cover of Shawyer roses and lily of the valley, together with several large magnolia wreaths with clusters of Richmond roses for the funeral of a prominent business man of this city, which occasioned a demand for a quantity of flowers.

Miss Rhoda Doswell is displaying some handsome poinsettia plants at the Doswell Floral Co.'s branch on South Calhoun street. Many novelties for Christmas in the way of baskets, wreaths, etc., are also effectively displayed here.

The Bradley Flower Shop, in the Jefferson theater building has discontinued business and is offering the fixtures for sale.

H. K.

Pecky Cypress

We are **SPECIALISTS**

in this line, having been practically the first to sell to the trade. Get the value of our long experience. Perfect satisfaction guaranteed. Rock-bottom prices. Pecky Cypress, because of its durability, is the only wood now being used for greenhouse benches. Will ship in any quantity, carload or less.

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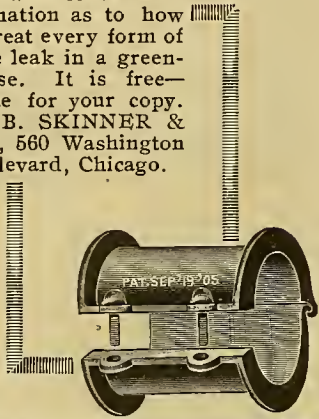
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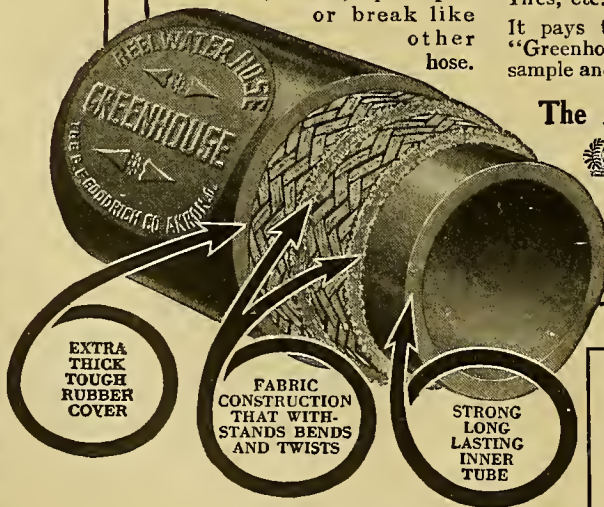
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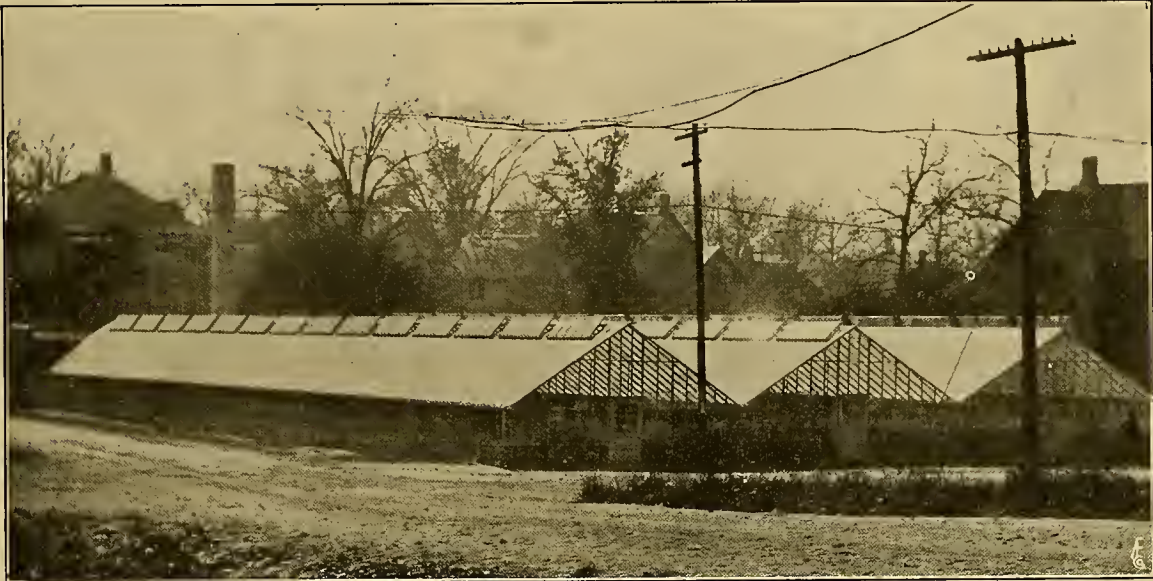
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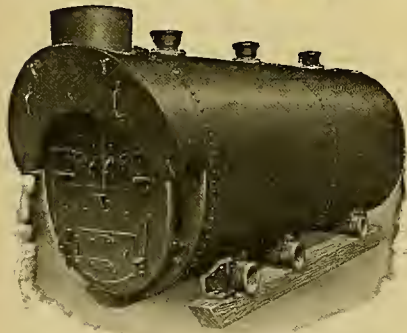


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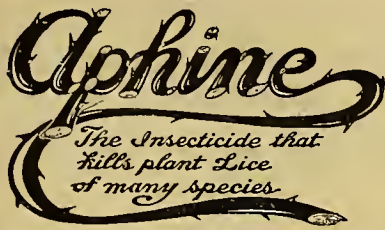
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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. OFFICERS ELECT—DANIEL MACRORIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at Houston, Tex., August, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society of American Florists will be held at Convention hall, Broad street and Allegheny avenue, Philadelphia, Pa., March 25-April 2. For premium list and all other particulars address JOHN YOUNG, 53 West Twenty-eighth street, New York.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., January 26-27, 1916. JOS. H. HILL, Richmond, Ind., President; J. F. AXMANN, Edwardsville, Ill., Vice-President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Harbor, Me., June, 1916. WILLIAM GRAY, Newport, R. I., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, New Orleans, La., August, 1916. EMIL T. MISCHE, Portland, Ore., President; R. W. COTTEBILL, Seattle, Wash., Secretary-Treasurer.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Philadelphia, Pa., November, 1916. WM. KLENHEINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. h Street, Chicago, Secretary

SUGGESTIONS FOR THE HOLIDAY TRADE.

Selling the Stock.

The plants and flowers for the holiday sales have been raised or procured and upon their being properly sold and delivered depends the success of all the labor which has been expended. Every dealer during the three days before Christmas will do as much business as is ordinarily done in a month. It is therefore necessary that this should be done in a systematic manner in order that the business may be successful. Poor business methods at this time will often result in the loss of some steady customers or prospective business on account of the dissatisfaction that will result unless the smallest details are looked after. The question of help is one of the first matters. It may be possible in some places to procure extra efficient help, but in the majority of cases the entire selling will fall upon the regular force. Where extra help is employed, every plant and other article possible should have a tag with the price plainly marked, so that the salesman can immediately tell the customers the price, or much time will be lost by running back and forth and interrupting the proprietor with questions regarding the value. The booking and filing of orders must be strictly and accurately attended to. The handling of stock should receive the most careful attention, and the manner of placing it before the customers is often the making or losing of a sale. Many salesmen will complete the sale of a plant by properly showing it to the customers. There is always a better side to a plant and the salesman who knows how will always keep this side toward the customer's view, and a plant always looks larger when placed alone, so that taking it from the bench or collection and setting by itself will show it off much more advantageously. When a plant is sold it should be immediately marked and set aside, for it is poor business to allow the customer to think that he will not get the plant he has bought or that the same plant may be sold to another. The pro-

prietor must keep a watchful eye all the time upon the salesmen and other employes and see that every customer is properly served. Many customers prefer to buy of the one with whom they have always dealt, and in this case extra help will sometimes become insistent to wait upon them. This should be guarded against, for if the customer is willing to wait for the one they prefer to have serve them it is good business policy to see that their wishes are gratified.

Packing and Wrapping.

So many of the flowers and plants sold at Christmas are presents made by one person to another that it is necessary that great care should be taken in having them packed and done up safely and in a proper manner. Nice boxes, well lined with paraffine paper, are the first necessity in all up-to-date stores. The arranging of the cut flowers in the box should be done in an artistic manner, for the first impression on opening the box is very lasting, and a well arranged box, even of poorer stock, is preferable to one containing the highest grade carelessly put up. Under no circumstances forget the card. This has caused more trouble and lost more good customers than any one small detail, for it is a piece of carelessness that cannot be explained and is not easily forgiven. A sprig of mistletoe or a spray of holly placed on the top of the flowers is always appreciated, and a pansy or one or two violets or other small flowers tied on the card with a gold cord or baby ribbon is very attractive and made a great feature by many progressive dealers. The box should be wrapped in enough thicknesses of paper to insure its delivery safe from frost. There is nothing more unsatisfactory than to receive a box of cut flowers in a frozen condition or to hear that the present arrived in that shape. This is easily guarded against and a thing that should never occur. Above all things, do not ship any flowers that are not fresh. As a rule,

the customers have paid good prices and are entitled to first-class stock, and it is nothing short of robbery to take their money and send them worthless goods.

The plants should be wrapped neatly and with paper enough to be sure that they will not be touched by frost. A little practice, with care, will soon teach one how to do this and make a neat package. Too often plants are so carelessly wrapped that they make a disgraceful package when left at the door. Six to eight thicknesses of newspaper, with a clean, plain paper outside, are none too much during the cool weather and more if the temperature is at all low. The dealer must remember that most of the plants brought into flower for the holidays are grown in a very warm temperature and chill easily. Plants with flowers that are easily bruised should be first wrapped with a sheet of cotton batting before being wrapped with paper. The delivery boys should be cautioned not to place the plants on the frozen ground or snow. Many fine plants are ruined by this thoughtless act of the men or boys delivering them. These small details are necessary and should be carefully watched during the holiday trade.

Business Systems.

During the holiday rush it is necessary that some system should be adopted that will be sure to fulfill the wants of the customer. While the business in small places may be carried on during much of the year depending a great deal on the memory of those in charge, at this time this should not be attempted, but everything written down and so placed that any one of the force can immediately find it. One of the best methods that has come to our attention is adopted by many stores, the details being changed more or less to suit the proprietor's fancy. A supply of large envelopes is secured, and when an order is received and properly written on the order blank, it is passed to one who has charge of this work, and the order copied in the order book. It is best to have a book for each day. The order is then placed in one of the envelopes, with the tag with the address written thereon, and if there is a card or a ribbon to be used with the order this is also placed in the envelope. These envelopes are then placed in a pigeon-hole or hung on a hook that is labeled for the day of delivery. Any order that is to be delivered at a special hour should have a distinguishing mark that will surely attract the attention of the one that is to put the order up or the one who has charge of the delivery. This system can be so modified as to be applied to a small or large business and will result in rectifying many mistakes that are often made during this busy season. These envelopes can be handed to those who put up the flowers or wrap the plants. The matter of delivery should also be systematized, and one should be placed in charge of this important part. Unless this is done the delivery will be very expensive. The placing together of all packages going in the same direction when wrapped will save many journeys and facilitate the work.

WATERBURY, CONN.—Albert Nodine, proprietor of the greenhouses on Meriden road, has opened a retail store at 134 South Main street.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Coles' Flower Shop, Kokomo, Ind.

The Coles Flower Shop, Kokomo, Ind., conducted by Miss A. E. Coles, daughter of W. W. Coles, the well-known grower, has the distinction of being one of the most attractive stores in that city. The accompanying illustration shows this handsome establishment as it appeared November 8, 1915, the occasion being a flower show, the shop being thronged by hundreds of admiring visitors. While chrysanthemums were the feature of the show, the establishment was radiant throughout, palms, ferns and the choicest cut blooms in splendid arrangement forming a truly beautiful picture. The windows and doors were curtained with



Table Christmas Tree.
Decorated With Red Immortelles.

southern smilax, while from the chandeliers trailing vines fell gracefully. French baskets filled with choice roses and vases of carnations banked with greens were used effectively as a mantel decoration, while around the sides of the two large windows, both splendidly decorated, were crystal wall pockets filled with violets, marigolds and other small flowers.

The Mantel.

There is perhaps no place in the dwelling where decorations may be more advantageously arranged than on the mantel and about the mirror that nearly always rises above it. The old way was to prepare a shelf or mossed board which was filled with cut flowers and put in place at the last minute. This had the advantage that it could be prepared before and saved valuable time when it was scarce, for the clock has a way of swinging round the circle very fast on a busy day.

With the aid of vases a very good effect can be made without disturbing the regular ornaments that belong in such a space. One side should be made more effective than the other, arranging a large vase of long-stemmed flowers with plenty of droop-

ing greens made full and showy is placed on one side, and from this a spray to the top of the mirror extending over to the other side. Several smaller vases on the mantel are filled and graduated to a spray falling a short distance below the shelf at the far end. If a large mirror, the center may be decorated with a gilt heart or half basket, which lying flat against the glass, is added to by the reflection in the mirror. A bushy fern in the grate below and a tall palm or two, high on the full side and low on the other add considerably to the finish.

Farleyense ferns make a splendid mantel decoration, and these with the addition of a few well-placed vases of choice flowers are sure to be admired. By means of special hangers the plants can be carried up the side of the mirror and even over the top, and give a finished appearance that is most effective.

Where there are several mantels each can be made a separate color combination. Ward and Sunburst roses with plenty of green, make a beautiful decoration. The addition of two-toned ribbon in these colors is an addition. When Beauty roses are a bit plentiful they bring forth the words of admiration. They should be open to be at their best, and fewer flowers will give a better effect. In fact, all flowers for work of this kind should be selected and put away the day before, depending on the time of year, but the point is that they should be at their best for the entertainment and not for the day after. When chrysanthemums are in season splendid results are obtained in color effects with these gorgeous flowers and autumn leaves. Branches of these brilliant colored leaves, and they are very beautiful at times, are a great feature of fall decorations, being especially useful for all kinds of mantel work, over doorways and the like.

At some home weddings the ceremony is performed before the mantel, and in this case the mirror has sometimes to be almost completely hidden as the bride must not see her reflection in the mirror, it being considered unlucky. A canopy can be thrown out from the top of the mirror and with a high banking of the shelf a pretty effect is produced and the mirror is forgotten.

K.

How Flower Shows Benefit Retailers.

John Young, manager of the New York flower show, has secured some opinions as to the value of flower shows to retail florists, which we take pleasure in reproducing herewith, more especially as retailers in general appear to regard flower shows as helpful only to growers:—

FROM G. E. M. STUMPP, NEW YORK.

"The question of whether it pays a retail florist to make an artistic exhibit at our great flower shows has, I am happy to say, been solved by me through my experience with such an exhibit, at the last two New York International shows.

"Although I took up a liberal amount of space on both occasions, I have for the next show reserved a space considerably larger, and I would hardly do this were I not quite convinced that it was a profitable business undertaking, the returns both immediate and lasting.

"I am glad that such shows are possible, and you may quote me as authority for the statement that they



COLES' FLOWER SHOP, KOKOMO, IND.

afford an opportunity for the retail florist to bring his business to the notice of the flower buying public, such as could not be obtained in any other way, no matter with what expenditure of money."

FROM MAX SCHLING, NEW YORK.

"If you will remember, I was the first retail florist in New York to recognize the opportunity for publicity afforded through our big shows, and I have made large exhibits at them all. My lead was followed by others, until now the exhibits in the retail section at the New York show form one of its chief attractions.

"I have found the publicity so obtained to be of a very profitable nature, and I am quite satisfied that there is no better way to get in touch with the class of people who consider flowers an every-day necessity in their homes, and to inculcate in others a desire to have around them continually the beautiful gifts which nature dispenses through the medium of the florist."

FROM A. KOTTMILLER, NEW YORK.

"The publicity obtained by me through my exhibits at the shows of the Horticultural Society of New York, and the American Dahlia Society, at the American Museum of Natural History in this city, have convinced me that I can not afford to allow the opportunity of exhibiting at such shows to pass as long as they are under the careful and capable management which now characterizes them.

"I may say, too, that my reservation of space in the forthcoming International flower show, in New York, has been influenced by my experience at the other shows, and I have no doubt whatever that I shall derive an immense amount of benefit through this opportunity to come in contact with the very people I am making every effort to meet."

FROM A. T. BUNYARD.

"Replying to your inquiry as to what benefit retail florists receive from exhibits made at flower shows, you will remember that at the last big New York show you were unable to give me the large block of space that I required to make the display I had in mind. Consequently I found myself debarred from exhibiting, which was a great disappointment to me. As you know, I have contracted for 200 feet of space in the next New York show, at a cost of \$300, something I would not do unless I realized the advantage to be found in making exhibits at such shows.

"These great flower shows attract thousands of people interested in flowers and the various ways in which they may be used for decorative effects, and any retail florist may find in them a means for bringing his particular talent to the attention of more flower lovers during a show week than he possibly could in years in the ordinary way; and the advantage thus gained could hardly be figured in dollars and cents."

Wm. F. Gude Honored.

In appreciation of faithful and efficient work performed by William F. Gude as chairman of the executive committee of the recent reunion of the Grand Army of the Republic at Washington, D. C., Mr. Gude was presented December 10, with a handsome chest of silver by the members of the reunion committee. The presentation took place in the red parlor at the New Willard Hotel, and was attended by about a hundred of Washington's representative business men. Simon Wolf made the presentation on behalf of the committee in a happy address in which he paid tribute to Mr. Gude and his work and said:

"The highest development of patriotism is by no means confined to the army and navy. There are achievements in the walks of peace that reach the highest altitude of true civic virtue and patriotism. It is the work done by individuals unselfishly, ungrudgingly and cheerfully, on and in behalf of humanity. We are fortunate in the nation's capital to have had from time to time, when occasion demanded, such exhibitions of unselfishness, coupled with splendid executive ability and power to grasp the situation, and to discharge the duties incident thereto with signal ability.

"The recent Grand Army reunion demanded a presiding officer who could administer the affairs of the reunion, and we were most fortunate in having found in William F. Gude such a representative as has stamped the

city of Washington as the leading center of hospitality and good cheer. Such labors cannot be compensated, except in the sincere appreciation of his fellow citizens, coupled with a slight token of their esteem, which, while by no means measuring up to the work accomplished, at least reflects the feeling back of the gift.

"Mr. Gude, as the humble representative of the members of your committee, I deem it a privilege and an honor to tender to you this token of their esteem, hoping and trusting that it will always be regarded by you and the members of your family with loyalty and affection, and that good health, happiness and prosperity may attend your future labors. Life has many chapters of useful endeavors. May your life be filled to the brim with that spirit of friendship and goodwill with which this token is tendered."

Mr. Gude, in accepting the testimonial from his friends, paid the highest tribute to the members of the executive committee, whose individual efforts, he said, made the reunion the success it was. He concluded by saying:

"This manifestation brings to me not only pleasure but happiness. What I have done to merit your esteem and goodwill has been cheerfully and willingly rendered not only because it was right but manifestly because it evidenced on the part of our citizenship the high regard we entertain for the soldiers of the Union, and also to bring to the attention of all men that the nation's capital is ever ready to give proof of that hospitality which brings the citizens of our common country into closer kinship.

"The gift will be treasured not only by me but by those who will live after I shall have gone to the bourne from which it is said no one ever returned, and I am sure that the example will be inspiring to others who in the future may be honored as I have been by the confidence of my fellowmen."

The chest of silver is one of the most ample and among the handsomest ever seen in the city. In addition to about fourteen dozen knives, forks, spoons and other articles, it contains a carving knife and fork, ice breaker and other things that make up a complete silver set.

After the presentation Mr. Gude also received the individual congratulations of his many friends present.

Robt. Craig Co., Philadelphia, Pa.

With each succeeding season the public looks for something new—it may be a new variety, or an old favorite so improved that it appears new. While the old was good enough when first presented, in a year or so it becomes ordinary and something else is demanded.

The Robert Craig Co., Philadelphia, Pa., has for years made a specialty of holiday plants; always on the alert, they are first in the market with novelties or new ways of presenting old favorites to continue their popularity. This feature is seen in their combination baskets, which, skillfully arranged, give a number of plants an artistic finish and importance that individually they do not possess. This is one way, and another is to finish and flower the plants, such as cyclamens, poinsettias, begonias, etc., so well that they take on an added importance and sell readi-

ly at advanced figures. They call it "quality stock" because it has quality and is good enough for any house in the land.

The cyclamens seen here are particularly fine—a splendid strain, wonderful in their vigor and quantity of bloom. Begonias and poinsettias are also specialties. Mr. Craig should round out his life with a book or treatise on crotons and dracaenas, two plants which have reached perfection under his care. The importance of these plants in decorative work has long been recognized and Mr. Craig has brought them to a state of excellence that is well nigh perfection.

Ferns have always been favorites here, all the new ones being given a chance to develop. The John Wanamaker nephrolepis is one of their own sports and is meeting with favor wherever introduced. Ficus are grown in quantity and are especially fine; in



Wm. F. Gude, Washington, D. C.

fact, all the useful decorative foliage and flowering plants are seen here in quantity, and of a quality and finish that is a credit to the house and its skilled co-workers.

K.

Baur & Steinkamp's Begonia Chate aine.

The writer had the pleasure of calling on Baur & Steinkamp at Indianapolis recently to see their carnations, having been informed that their stock was in the finest shape in the history of the establishment. This statement was well founded, for every bench of carnations was producing a good crop of first quality blooms. Several promising seedlings were in sight, and no doubt will be heard from later. However, the finest sight on this place was Begonia Chatelaine in 5-inch pots. Several thousand plants filled a bench 150 feet long. These plants were a mass of bloom from the pot to the top of plant and were in the pink of condition for the Christmas holidays. When the merits of this begonia are better known, I feel sure it will be almost as popular as the Lorraine types. To get them in this shape for Christmas, the plants should have plenty of room and the buds removed up to November 20.

W. W. C.

Minneapolis Flower Show.

The flower show staged at the West hotel, December 7-10 by the Minnesota State Florists' Association, the Minnesota State Horticultural Society and the gardeners' associations of St. Paul and Minneapolis, was a splendid exhibition both in number of displays and quality of the blooms. W. H. Bofferding acted in the capacity of exhibition manager and the arrangement of the numerous exhibits showed his usual good judgment. Rose Champ Weiland, exhibited by Weiland & Risch, Chicago, made a splendid showing with its rich cherry pink color, and attracted a lot of attention, as did some fine Ophelia and Ruskell roses sent by the Holton & Hunkle Co., of Milwaukee, and American Beauties and other roses in variety, staged by Gust. Rusch & Co., also of that city. The E. C. Amling Co., Chicago, also staged excellent rose stock. In the carnation classes a vase of Superb and another of Aviator, entered by the J. D. Thompson Carnation Co., Joliet, Ill., both showed class, and Carnation Belle Washburn, exhibited by Bassett & Washburn, Chicago, made an exceptionally fine appearance and was in fine condition at the end of the exhibition as proof of its lasting qualities. The Windmiller Co., of Mankato, had a vase of poinsettias, the flowers being 20 inches across and carried on seven foot stems. H. N. Bruns, of Chicago, had an excellent display of lily of the valley and the Minneapolis Floral Co.'s collection of 12 specimen palms attracted much attention. The palm exhibit of the L. S. Donaldson Co., was also of a very high grade. The awards in the principal competitive classes are as follows:

Twelve specimen ferns—Merriam Park Floral Co., Merriam Park, Minn., 1st; L. S. Donaldson Co., Minneapolis, 2nd; Minneapolis Floral Co., 3rd.

Twelve roses, red—N. Neilson, Mankato, 1st; Hans Rosacker, Minneapolis, 2nd; Minneapolis Floral Co., 3rd.

Twelve roses, pink—N. Neilson, 1st; Hans Rosacker, 2nd; Minneapolis Floral Co., 3rd.

Twenty-five white carnations—Hans Rosacker, 1st; L. S. Donaldson, 2nd; Minneapolis Floral Co., 3rd.

In the classes for plant baskets arranged for effect, bridal bouquets and corsages, first honors were awarded to the Minneapolis Floral Co., W. H. Bofferding capturing second prize in the bridal bouquet class. T. C. R.

New York Florists' Club.

ELECTION OF OFFICERS.

The club met in its rooms in the Grand Opera House building on the evening of December 13, President Bunyard in the chair. Though a violent storm of snow and wind was raging, there was a good attendance. Election of officers was the principal business. Philip F. Kessler and President Bunyard having declined to enter the race for president, Henry Weston was elected without opposition. Alex. Hogg nominated for vice-president had declined to run; J. Harrison Dick declined to run for secretary; Roman J. Irwin declined to run for treasurer and W. R. Pierson and Joseph Fenrich declined to run for trustees. The ballot for vice-president resulted in the election of G. E. M. Stumpp over Charles Knight. As intimated John Young was re-elected secretary and Wm. C. Rickards, Jr., re-elected treasurer without opposition. Charles Schenck, Max Schling and Robert G. Wilson were elected trustees to serve two years.

Appropriate resolutions on the death of Mrs. Dorval were adopted. H. F. Winter, 64 Wall street, New York, and C. H. Allender, 131 Hudson street, New

York, were elected members of the club.

The committee for the spring flower show to be held in the Grand Central Palace, this city, reported progress. A meeting of the committee which was well attended, had been held in the Hotel Breslin in the afternoon. A. L. Miller, for the committee, reported the donation of a number of cups. A cash prize from Emil Savoy of Secaucus, N. J., of \$25.00, and a prize from the Harry A. Bunyard Co., Inc., of this city. A. L. Miller spoke on the national flower show to be held at Philadelphia in the spring of

Pittsburgh.

ALARMING SHORTAGE OF STOCK.

With a prevailing good demand for flowers, and the supply curtailed to a great extent on account of the darker days, the florists are "up against it" at present in trying to fill their daily orders. It has been quite some time since stock was so scarce as it is at present, and with the on-coming pre-Christmas shortage, conditions promise to be still worse. Naturally, the outlook for Christmas is poor indeed compared with the same season of last year, when most lines of stock

NOTES.

Earl Tipton, for many years buyer for the A. W. Smith Co., caused quite a surprise last week when he announced that he would change his residence to Boston, Mass., where he will take up his new duties in the same capacity with Penn, the Florist. Our best wishes go along with Earl, and we certainly hate to see him leave. Carl Voelker, until recently with the same firm, will also leave town shortly to accept a position with the Jones-Russell Co., of Cleveland, O.

Kauffmann's department store has opened a floral department on their first floor, with Ray Daschbach in charge, having also purchased Mr. Daschbach's greenhouses on Paulson avenue, East End.

The Blind Floral Co. has added an improvement to their Liberty avenue window, in the way of a lattice-work partition, which divides the window from the sales room in a neat and pleasing manner.

The McCallum Co. has won great merit all over the country with their new chrysanthemum, Mrs. M. R. Morgan, and are booking many large orders daily for spring delivery.

J. M. Johnston has opened his new retail store in Duquesne, and is expecting a good business for his initial Christmas there.

Joe Feinberg has established temporary headquarters in the Camera-phone building, from where he will do his Christmas business.

George Bros. & Co. have opened a retail store on Stanton avenue, New Kensington. G. M.

St. Louis.

Five wholesale florist establishments in this city have combined as an association, will meet semi-monthly, and each firm has posted a guarantee of \$100 to abide by the rules of the organization for one year.

Miss E. W. Schulze, who has been connected with the florist trade in Wisconsin, has purchased the flower shop of Mrs. Mary Waldmann.

ATHENS, GA.—The fortieth annual meeting of the Georgia State Horticultural Society will be held here January 17-19.

MADISON, WIS.—The annual meeting of the Wisconsin State Horticultural Society will be held in this city, January 5-7, 1916. The programme provides for 27 papers and illustrated lectures. Prizes aggregating over \$200 are offered.



DRACÆNAS AT R. CRAIG CO.'S, PHILADELPHIA, PA.

1916 and strongly suggested a "New York day" and for a special committee to arrange for a special train that the club members might make the trip in a body. The committee was appointed. Richard Vincent, Jr., of White Marsh, Md., president of the American Dahlia Society, was present and made an urgent appeal for the club's support of the dahlia society.

Guttman & Raynor, Inc., exhibited the rose Mme. Paul Euler, which had previously been exhibited and sold by them as Prima Donna. There was a discussion over the name Prima Donna, and that name was ruled out. The exhibit received a vote of thanks. It may here be stated that this rose was sent out in France some years ago under the name of Mme. Paul Euler. It was taken to California, tried out and found satisfactory for that climate as a forcing rose. Henry W. Turner of Montibello, Calif., is now advertising the rose as Prima Donna, but we are not certain that it was he who gave it that name. We have been reliably informed that the name Prima Donna was provisionally attached until the sale of the stock had been made in that section of the country. The Guttman & Raynor stock comes from the Florex Gardens, North Wales, Pa. Since this matter has come up, it is but right that the facts be generally known. Guttman & Raynor, Inc., also exhibited the carnation Gorgeous, grown by B. Willig, Poughkeepsie, N. Y.; also, a new seedling chrysanthemum, named Emma, grown by Frank Dinda, Farmingdale, L. I., N. Y. Philip F. Kessler exhibited the Chrysanthemum Mistletoe and a pink single chrysanthemum, both grown by Charles Smith's Son, Woodside, L. I., N. Y. Roman J. Irwin exhibited a new pompon chrysanthemum. All the exhibits received a vote of thanks.

A. F. F.

were almost given away. The greatest shortage is on lilies and carnations, with roses running a close third. Fancy sweet peas have been arriving in quantities daily and find an excellent market. There are large quantities of stevias offered, and this is the only item of stock that may be termed plentiful. Many large and elaborate social affairs have enabled the florists to book some good decorations for the holiday week. Large consignments of boxwood and other Christmas supplies are being shipped daily, which is the big factor in keeping the wholesale men busy, a condition of affairs that is eminently satisfactory.



CYCLAMENS AT R. CRAIG CO.'S, PHILADELPHIA, PA.

Cincinnati.

CHRISTMAS TRADE PROSPECTS BRIGHT.

At the time of this writing nearly all kinds of stock in the market are short as far as supply is concerned. Prospects for Christmas are bright, but the supply will have to be much heavier than at present in order to have anything like an adequate supply of cut flowers. Roses and carnations are not very plentiful. Easter lilies are in supply large enough to take care of all present wants. The first poinsettias have made their appearance and are very good. Some good chrysanthemums may still be had up to this time. Narcissi have not been very plentiful. Lily of the valley, violets, orchids and sweet peas are in a fair supply and have an active market. The stevia cut is large. Callas may be had.

NOTES.

The December meeting of the florists' society was held December 13 at the Hotel Gibson, President Max Rudolph in the chair. A committee consisting of Wm. Schumann, Alex Ostendarp and Chas. H. Hoffmeister, was appointed. This committee is to arrange for "eats, etc." for the January meeting.

Henry Lodder and wife, of Hamilton, O., have just returned from a six weeks' visit to Cuba.

Chas. H. Hoffmeister went to Hamilton, O., on business the early part of the week.

C. E. Critchell has been getting in some very fine poinsettias.

Visitors: Miss Federle, Karl Heiser, Wm. Lodder and Walker Gray, all of Hamilton, O.; H. V. Thomas, Augusta, Ky.; Fred Rupp, Laurenceburg, Ind.; Jos. Hill, Richmond, Ind.; Mrs. B. A. Durham, Ashland, Ky.; Mr. Bradford and C. P. Brunner, Springfield, O., and H. C. Neubrand, representing A. N. Pierson, Inc., Cromwell, Conn. H.

Rochester, N. Y.

PRE-CHRISTMAS DEMAND BRISK.

Business has been good during the past week, a brisk demand for pre-Christmas decorations adding to the volume of sales. Stock has been rather scarce, roses cleaning up each day and the carnation receipts were far short of the demand. Paper Whites are plentiful, but the price is firm. Cut poinsettias are beginning to come in, but the demand for them is light. Harrisii lilies are fine in quality, but they move slowly. Lily of the valley, cypripediums and cattleyas are selling now. Good plants, including ardisias, cyclamens, poinsettias and azaleas are to be seen, and Christmas greens—holly, pine and laurel—are plentiful.

NOTES.

The Rochester Floral Co. arranged a very effective telegraph delivery window last week. A huge placard showing location of principal cities was hung in map form in the center, and streamers of red baby ribbon connected these cities with the Rochester Floral Co.'s location, representing telegraphic code orders.

J. B. Keller's Sons did a great deal of the decorating at the leading department stores and other business establishments for the holiday season, the work being mostly in exterior arrangements. This firm has also been quite busy with funeral work of late.

Geo. T. Boucher has booked the order for the decorations of the automobile show to be held in January; also, the decorations for the junior "prom" of the University of Rochester.

Geo. B. Hart is having a big run on red thistles for Christmas. They are very attractive and find a ready sale.

A son was born to Cecil Lester, of the Geo. B. Hart commission house, and Mrs. Lester, December 9.

Harry P. Neun is still cutting some very good lavender and yellow chrysanthemums. CHESTER.

Boston:

STRONG DEMAND AT ADVANCED PRICES.

Owing to a shortage of stock business has been very good during the past week. Flowers of every variety seemed to be in demand and prices have advanced accordingly. Chrysanthemums are practically finished, the flowers are of poor quality and the call light, although the prices on the white varieties hold firm. Carnations have shortened in supply, the price now being about \$4 per hundred. Roses have advanced in price, the favorites, Russell, Hadley, Ophelia and Richmond bringing from \$6 to \$25 per hundred. Violets are selling well at from \$1 to \$1.25 per hundred and it looks as if there would be a shortage for the holiday trade. The plant demand is good and orders are coming in well for Christmas.

NOTES.

A recent visit to the establishment of Peter Fisher at Ellis, Mass., showed his place in fine condition. He has three and one-half houses devoted entirely to Carnation Alice, two and one-half of which have been cut back for stock. Reports from all parts of the country show that Alice has been a great success, both from growers' and retailers' standpoint, consequently Mr. Fisher is preparing for the large demand from the growers who have watched this variety so successfully tried out. He has a few more promising seedlings under way, among which is a very fine scarlet and a beautiful salmon pink, both of which are profuse growers.

J. C. Koppelman, the well known Providence, R. I., wholesale florist, is growing a very high grade of stock this year. He handles nearly every kind of flower for his extensive trade, but has gained a reputation on plumosus and Sprengeri, some of which he sends to each of the Boston markets. He has as a novelty a fine lot of bouvardia at present, which finds a very good market.

Wm. R. Nicholson, of Framingham, has in addition to carnations and snapdragons, a house of special strain wallflower, the flowers of which are nearly as large as pansies; in fact, everyone who has seen them say they are the best ever shown in this city. He is also cutting his special mignonette in quantity.

Frank Edgar, of Waverley, has a very fine looking house of cyclamens for the Christmas trade. He also has a nice lot of poinsettia pans. His chrysanthemums are practically over for this season, and he is preparing for a crop of sweet peas which are to follow.

George Arnold, the well-known florist of Winchester, Mass., is confined to his home with a bad attack of grippe. His son, Ralph, is taking charge of the business during his absence.

The bowling league met Thursday evening, December 9, at the Boston alleys. V. Hartford, of Robinson's, won the high three-string total, as well as the high string, with 312 and 118 respectively. The team standings are as follows:

	Pinfall	Won	Lost
Galvin	1,329	30	6
Flower Market	1,281	26	10
Carbone	1,295	22	14
Zinn	1,313	18	18
Pansies	1,346	17	19
Exchange	1,279	13	23
Robinson	1,203	10	26
Mc & Mc	1,255	8	20

F. L. W.

Oklahoma City.

The increase in the number of flowering and decorative plants in the flower stores reminds one that Christmas is near. Christmas trees and mistletoe are also in evidence, and even the weather has taken on a sharp and frosty feeling, though this may change considerably before the holidays arrive, as our cold spells are usually of very short duration. Store men say that business is keeping up very nicely. This week there has been quite a demand for funeral flowers, which has helped materially to strengthen trade conditions during this ordinarily dull period.

CLUB MEETING.

The annual meeting of the Oklahoma State Florists' Association was held December 6, with the election of officers and the adoption of a new constitution and by-laws as the principal business done at the meeting. Officers elected were: A. S. Gray, president; J. N. Horn, vice-president; W. K. Cheatham, secretary and treasurer. Board of directors was elected as follows: Chas. Stiles and Mrs. Ora Hornaday, to serve two years; Mrs. Eager and H. S. McClenahan to serve one year. The next meeting will be at the call of the board of directors and it is expected that it will be a two day meeting and something in the nature of a convention with a view of getting every florist in the state interested in the society. S. S. B.

Nassau County (N. Y.) Hort. Society.

The monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall, Glen Cove, December 8, President Westlake in the chair. George Wilson, of Jericho, L. I., was elected to active membership. The president appointed as judges of the exhibits, James Holloway, George Wilson and James McCarthy, and they made the following awards: For the best plant of Gloire de Lorraine, Frederick Hitchman, first; for the best vase of 25 carnations, Robert Jones, first. Mr. Jones also exhibited a splendid vase of Chrysanthemum Odessa, for which he was awarded a cultural certificate.

This being the annual meeting, Treasurer Ernest Brown read his financial report for the year just closed, showing that the society was in first-class condition financially. He received a very hearty vote of thanks from the society for the very efficient manner in which he carried out the duties of his office. The election of officers being in order, President Westlake, after cordially thanking his fellow members for the harmonious cooperation he had received from them during his term of office, appointed James Duthie as chairman to conduct the election. The following officers were elected: James McDonald, president; Joseph Adler, vice-president; Ernest Brown, treasurer; Harry Jones, secretary; James McCarthy, corresponding secretary; Ernest Westlake, trustee; executive committee, Robert Jones, John Johnstone, Arthur Cook, James Gladstone, August Fournier, Walter McKinley and Thomas Twigg. The newly elected officers were installed by Mr. Duthie and Mr. McDonald then took the chair and conducted the remainder of the meeting. It was decided to hold the annual dinner January 25, and a committee, composed of Ernest Brown, Joseph Adler and James Duthie, was appointed by President McDonald to make full arrangements for same.

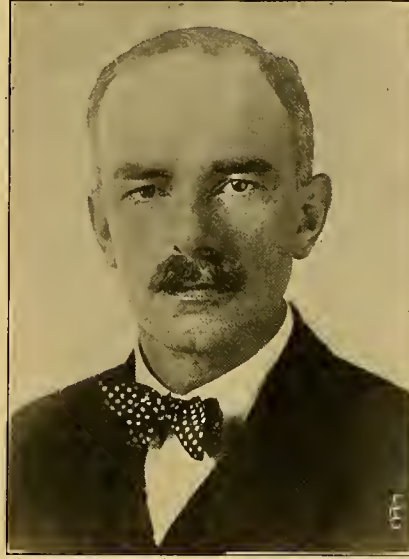
JAMES MCCARTHY, Cor. Sec'y.

HOULTON, ME.—H. F. Chadwick, proprietor of the Hillside Floral Co., has increased his range 1,000 square feet.

OFFICERS CHICAGO FLORISTS' CLUB.



Alex. Henderson, President.



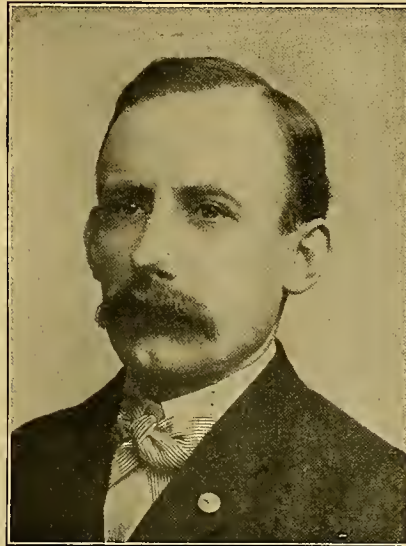
Wm. E. Tricker, Vice-President.



Guy French, Secretary.



C. L. Washburn, Trustee.



H. N. Bruns, Trustee.



Paul Klingsporn, Treasurer.

Chicago Florists' Club.

The regular monthly meeting of the Chicago Florists' Club was held at the Hotel Morrison, Thursday evening, December 9. There was a good attendance, President Keimel in the chair. The principal business of the meeting was the election of officers for the ensuing year which resulted as follows: Alex. Henderson, president; Wm. E. Tricker, vice-president; Guy W. French, secretary, Paul R. Klingsporn, treasurer; H. N. Bruns, trustee. The election was unanimous, Wm. H. Amling for president and Allie Zech for secretary, resigning in favor of the other candidates. The holdover trustees are C. L. Washburn and Geo. Asmus.

Secretary Miller of the Floral Festival committee presented a report on the recent flower show and the transportation committee was instructed to make arrangements for the trip to the annual convention of the American Carnation Society, which will be held at St. Louis, Mo., January 26-27.

A letter was read from President Vincent, of the American Dahlia Society, urging members to join his organization so that it may be rep-



George Asmus, Trustee.

resented on the board of directors of the Society of American Florists.

Applications for membership in the club were received from J. E. Pollworth, 6943 South Park avenue; Michael Stachnik, Niles; W. W. Randall, 174 North Wabash avenue.

OAKLAND, CALIF.—A. J. Rossi, formerly connected with the Seulberger Flower Shop, has opened a store at Twelfth street and Broadway.

MADISON, WIS.—The officers of the Madison Horticultural Society for the ensuing year are as follows: C. R. Hinkle, president; Mrs. G. W. Reigle and H. H. Morgan, vice-presidents; E. J. Frautschi, secretary; E. B. Steensland, treasurer.

GRAND RAPIDS, MICH.—At the annual meeting of the Michigan State Horticultural Society, December 7, the following officers were unanimously re-elected: Chas. A. Pratt, Benton Harbor, president; C. A. Bingham, Birmingham, vice-president; Robt. A. Smythe, Benton Harbor, secretary; Henry Smith, Grand Rapids, treasurer. The directors are C. A. Bingham and E. O. Ladd.

Montreal.**NORMAL HOLIDAY BUSINESS ANTICIPATED.**

Christmas business for 1915 will be about on a par with that of last year—at least that is the consensus of opinion among the trade here. There will be numerous sales of moderate price but few elaborate orders. The growers are well supplied with plants, and as it was known early that azaleas were not sure to arrive, they have prepared an extra large supply of seasonable varieties and all are of good quality. Cut flowers are very good this year, having benefited by the bright, sunny weather, and they will command much better prices than they did a year ago.

CLUB MEETING.

The Montreal Gardeners' and Florists' Club held its annual meeting December 6 and the following officers were elected for 1916: Wm. Cotter, president; R. Scott, first vice-president; J. Trevis, second vice-president; W. H. Horobin, secretary-treasurer; J. Luck, assistant. The executive committee consists of E. J. Hayward, D. McDonald, F. Harris, H. Parre, G. W. Pascoe, H. J. Eddy, J. Bennett, of Lachine, exhibited a vase of his new rose, Tipperary, a sport of Killarney, and the judges, through their chairman, G. A. Robinson, awarded it a certificate of merit, the club's highest honor. Mr. Robinson stated that as he had seen this rose grown through all stages, he felt no hesitancy in making this award. The color is a shade lighter than Killarney Brilliant, with a much stronger growth and a larger bud; it is not a cropper but a constant bloomer. Mr. Bennett has quite a stock of this rose, but does not intend to distribute it for some time.

The annual dinner, which took place on December 9 at the Edinburgh cafe, was quite a successful affair. About 50 were present to do justice to a carefully chosen menu. There was a fair sprinkling of ladies present. The decorations arranged by Wm. C. Hall and W. Cotter, were splendid, good enough for royalty. Retiring President A. C. Smith acted as toastmaster. The following toasts were given and responded to: "Our Country," by Jas. McKenna; "Incoming Officers," by W. Cotter; "Sister Societies," by A. J. Bowles for the Montreal Horticultural Society; W. Otter, for the Montreal West Horticultural Society; H. J. Eddy, for the Canadian Horticultural Association. "The Trade" was responded to by Wm. C. Hall for the florists; J. Walsh, for the private gardeners. F. W. Baker, H. Parre, M. Milady and H. Martin responded for the seed trade. Well selected talent helped with patriotic and other songs to make the evening enjoyable. R. Burrows, gardener to R. B. Angus, brought down a splendid vase of Killarney Brilliant roses for decoration. J. L.

Kansas City.**GOOD BUSINESS AND BRIGHT OUTLOOK.**

Everyone in the local market enjoyed a good week's business and the outlook for a prosperous holiday trade is bright. Nearly all of the florists have booked many orders for Christmas delivery. Stock was scarce during the past week, roses and carnations arriving in small numbers. The quality of the former were good, however, and were disposed of at prices of \$2.50 and up. Lilies, lily of the valley, narcissi, both white and yellow, violets and stevia are more plentiful, but there are not enough to go around and clean up daily. Pot plants of all the novelties sell well and are used in place of cut blooms for many occasions.

NOTES.

Henry Kusik & Co. report stock scarce, but quality is of the best, the

home-grown carnations being especially worthy of mention. American Beauties are coming in better and prices range from \$4 per dozen up. Lilies, lily of the valley, violets and stevia are also in better supply. Mr. Kusik returned from Council Bluffs, Ia., December 10, and left the following day for Chicago and other points.

A. F. Barbee thinks his son may develop into a better foot ball player than a florist, but it will take some time to determine this fully even though his father says he is strong with the kick, almost too much so for his age when you consider that the stork only left him at the Barbee home December 10. Weight, seven pounds. Congratulations.

T. J. Noll & Co. report trade as being A-1, their stock cleaning up every day. This firm is handling some very good roses and carnations, but the supply is short of the demand. Shipping trade is the best ever, the advance orders for Christmas supplies being exceptionally good.

Miss J. E. Murray continues to be busy with many funeral orders among other commissions, and a shortage of stock makes it difficult to take care of all the business. Activity in preparing for the Christmas trade is noticeable at this establishment.

Mrs. T. A. Moseley, of Kansas, is recovering from her recent accident and is able to be at her store each day. Her many friends hope that she will continue to improve and enjoy a prosperous holiday business.

The Wm. L. Rock Flower Co. says business in general is good. Their stock of pot plants is in fine shape for the holiday trade, and roses and carnations are coming in better, both in quality and quantity.

Arthur Newell reports a heavy sale on pot plants, together with a very satisfactory demand for stock in other lines. A good holiday trade is looked for and he will be fully prepared to take care of it.

W. J. Barnes reports a good week's business, funeral work being especially in demand. He is busy getting his stock in shape for Christmas and anticipates the best holiday business he has ever had.

Geo. M. Kellogg Flower & Plant Co. is looking forward to a very good Christmas trade. Stock is reported as very scarce, much of it being called for in funeral work which has been very good.

Adolph Mohr has as good a showing

of poinsettias, azaleas and Begonia Lorraine as one would wish for. He has a steady call for this stock of quality and is about sold out.

Orders for funeral work has been good at the Patrick Larkin establishment, and trade in general is very satisfactory. Prospects for the holiday trade are good.

Chas. Biederman & Son are very busy with preparations for a holiday rush. Business has been very satisfactory with them.

E. D. Ellsworth has a fine stock of plants for his Christmas trade.

E. J. B.

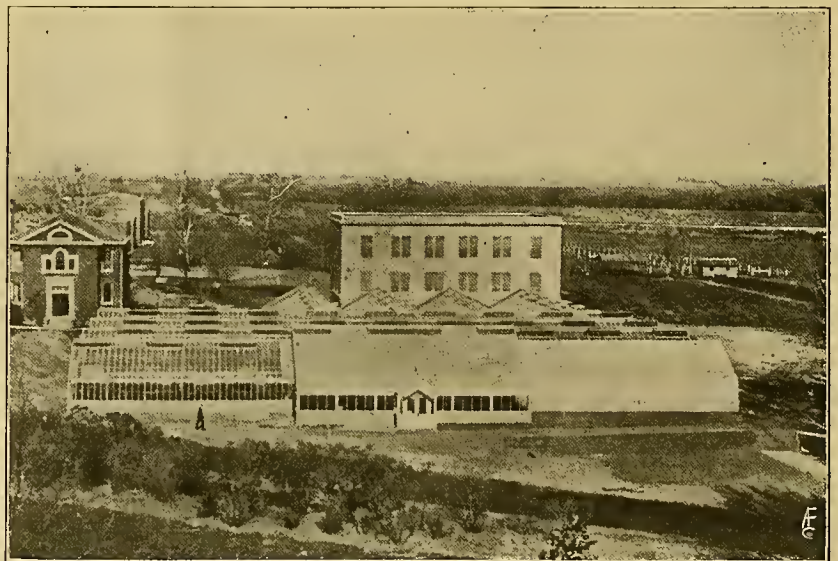
Tri-City Florists' Club.

The December meeting of the Tri-City Florists' Club was held at the Patten home in Rock Island, Ill., December 8, with Ed. Patten, Mrs. Patten and James Haussen as hosts. There was a good attendance. President Harry Bills called the meeting to order and the question of holding a fall flower show was discussed but was defeated. The topic of discussion for the evening was "Care of Trees and Shrubs in Winter", led by C. O. E. Boehm, and covered details of fertilizing, protection, pruning, etc., the members of the society taking part. Following the business session refreshments were served, and after a hearty vote of thanks to hosts and hostess, the meeting adjourned to meet at the residence of John Staack, Moline, January 13.

WM. GOOS, Cor. Sec'y.

Chicago Bowling.

John Huebner, Fred Price, Wm. Lorman, Allie Zech and Peter Olsem represented the trade in the city tournament and rolled in the five-man events at Bensinger's Randolph street alleys on Allie Zech's thirty-first birthday, Thursday, December 9. The boys made a good showing and if they had rolled anywhere near their usual form they would have carried off some of the prizes. Wm. Lorman and Fred Price, Joe Einweck and Jack Beyers, A. Huebner and John Huebner, Allie Zech and Peter Olsen participated in the two-man events, December 10, and also in the individual contest later in the evening. It appears as if Peter Olsem will come in for a share of the prize money for he rolled 218 in the first, 215 in the second and 196 in the last game, an average of nearly 210 pins for each game rolled.



IOWA AGRICULTURAL COLLEGE GREENHOUSES AT AMES.

Built by the Foley Greenhouse Mfg. Co., Chicago.

Minneapolis.**TOP NOTCH PRICES PREVAIL.**

Business has been especially good during the past week. Stock has shortened in supply and prices have advanced to the top notch, and the market cleans up daily. Chrysanthemums in this market are about done for and the season has proved to be a very satisfactory one for the growers. Poinsettias are now making their bow and are exceedingly fine in quality. The growers report that practically all of the blooming plant stock is already sold on advance orders. Green is not over-plentiful. Holly is fine and well berried and wild smilax of fine quality is here for the holidays.

CLUB MEETING.

The Minnesota State Florists' Association held its meeting December 7, several new members being admitted. W. D. Desmond spoke of his impressions of the Chicago and Cleveland shows and expressed regret that more of the local craft did not attend. H. E. Philpott also spoke of flower shows and the increased demand for flowers that result. Wm. Vasatka spoke of the duties and responsibilities of the men in charge of the greenhouse, covering many points that are generally overlooked.

NOTES.

Rice Bros. received a car of wild smilax this week.

Visitors: A. Miller, representing A. Henderson & Co., Chicago; M. Johnson, Crookston, Minn.; A. C. Kohlbrand of the E. C. Amling Co., and A. F. Longren, representing Poehlmann Bros. Co., Chicago; Miss Pauline Windmiller, of the Windmiller Co., and N. Nielsen, Mankato, Minn.; H. E. Philpott, Winnipeg, Man.; T. B. Sargeant, Osage, Ia.; E. M. Sherman, Charles City, Ia.

T. C. R.

FAR AND NEAR.

ATLANTA, GA.—The Whitehall Floral Co. has opened a shop at 11 Whitehall street.

ROCHESTER, N. Y.—A flower shop on Monroe avenue has been opened by Bohnke Bros.

BOONVILLE, MO.—E. C. Stammerjohn, florist, will add another house, 30 by 110 feet, to his range.

GALENA, KAN.—The Galena Greenhouses are now under the management of Weintz & Stranger.

CROMWELL, CONN.—A new rose house 20 by 300 feet, is being built at the range of A. N. Pierson, Inc.

WILMINGTON, MASS.—The greenhouses of Dr. M. E. Brande have been purchased by Wm. M. Wylie.

EUGENE, ORE.—Wm. S. Duncan, who has a flower shop at Albany, has opened a branch store in this city.

HUTCHINSON, KANS.—Leonard Marston, who has bought out the Stamm Floral Co., will increase his rose range.

BAR HARBOR, ME.—A greenhouse 19 by 50 feet will be erected by R. Hall McCormick, at Eden street and Central avenue.

RANTOUL, ILL.—H. M. Morris, florist and nurseryman, has leased his range to his son-in-law, Stafford Miller, for three years.

OMAHA, NEB.—The Parker Floral Co. has opened a retail shop in the City National Bank building, 411 South Sixteenth street.

HARTFORD, CONN.—"Old Floral Place" is the name of a new flower shop opened December 2 by Wm. J. Doogue & Co. on Ann street.

BOSTON, MASS.—Geo. E. Fisher, Nathan Silverman and E. Silverman have incorporated as Fisher, Florist, with a capital stock of \$5,000.

HOUSTON, TEX.—H. H. Kuhlman has opened a flower department in the store of Munn & Co. Business was reported good from the start.

SAN FRANCISCO, CALIF.—Another sweet pea show will be held in this city in June, 1916, under the auspices of the American Sweet Pea Society.

NASHVILLE, TENN.—Louis Haury & Sons have secured a location two blocks nearer the business section, and will move there the first of the year.

VALLEJO, CALIF.—W. A. Hoffinghof has presented plans to the city council for the beautification of a 10-acre tract the city has purchased for park purposes.

SCHENECTADY, N. Y.—A new store to be known as The Flower Shop will be opened in the Baker building on East Main street. Walter Lockrow is the proprietor.

KANKAKEE, ILL.—Articles of incorporation have been filed by the Schaffer Floral Co.; capital stock \$12,000. The incorporators are Charles, Peter and Clara Schafer.

LONDON, ONT.—Emery Hamilton, manager for the West Floral Co., was severely injured when the firm's delivery car, in which he was riding, was struck by a street car.

CHICAGO.—The Harry C. Rowe Company has been incorporated to do a wholesale and retail florist business by Harry C. Rowe, Robert H. Stoll and Hubert L. Huddleston.

TOPEKA, KAN.—James Hayes, whose flower shop was destroyed by fire recently, is now located in temporary quarters on Kansas avenue, across the street from his former location.

PETOSKEY, MICH.—The greenhouse of Donald Moreau, on Waukazoo avenue, was badly damaged by fire December 3. The fire started in the boiler room and quite a section of the plant was burned.

MOBILE, ALA.—E. Q. Norton, secretary of the Home Gardens' Association, was authorized by the directors of that organization to go ahead and make arrangements for an active fall and winter season.

READING, PA.—At the annual meeting of the local florists' association held December 4, the following officers were elected: Stanley Giles, president; Harry J. Huesman, vice-president; Fulmer H. Lauck, secretary-treasurer.

DETROIT, MICH.—S. S. Kresge has purchased the property at 214 Woodward avenue, now occupied by J. F. Sullivan, the florist, the price paid being \$220,000 or \$11,000 per foot, establishing a new high record for the price of Woodward avenue real estate.

MINNEAPOLIS, MINN.—Dean A. F. Woods, of the Minnesota state college of agriculture, has urged the establishment of headquarters of the Minnesota State Horticultural Society at the university farm, and has pledged the aid of the farm in furthering the aims of the society.

TORONTO, ONT.—At the annual meeting of the Toronto Gardeners' and Florists' Association the following officers were elected: Louis Whytock, president; Geo. Thompson and T. J. Gould (the latter has enlisted for King and country), vice-presidents; Geo. Douglas (309 Merton street), secretary; Geo. H. Mills, treasurer.

HOLIDAY BOOKS

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Mulertt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscapes Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscapes Beautiful.—By Frank A. Waugh. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 826 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorin-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Neltje Blanchan. Well bound. 368 pages and 92 illustrations. Price, \$5.35.

Window Gardening.—By Herman B. Dorner. An interesting subject. Well bound in green cloth. 153 pages and 43 illustrations. Price, \$1.25.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 halftone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allen. Also contains chapters on seed raising, insects, pests and fungus diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$4.30.

American Florist Co.

440 S. Dearborn St.,

Chicago.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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THE AMERICAN FLORIST,

440 S. Dearborn St., CHICAGO

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WE ARE in receipt of the second preliminary premium list of the Fourth National Flower Show, to be held at Philadelphia March 25-April 2. Copies may be had on application to Secretary John Young, 53 West Twenty-eight street, New York.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1915) edition is \$3 per copy, postpaid.

Important to Subscribers.

The date on yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Florists' Telegraph Delivery.

To All Members:

At the meeting of the Florists' Telegraph Delivery, held at Cleveland, O., it was decided by officers and members present that bills not paid within 30 days from member to member the discount of 20 per cent shall be forfeited. This would help to do away with a lot of unpleasant feeling and also would help us find out people who are negligent in paying their bills. If we wish to have any further success in the F. T. D. we must have prompt paying members on our list. The responsibility of the F. T. D. through this act becomes a much greater value than it has been heretofore, so please do not let bills to F. T. D. members hang fire but settle them as quickly as possible. When you make out your statement on January 1, send the secretary list of all bills over due and owed you by members of F. T. D. These bills will have to be settled immediately and members refusing to do so will lose the 20 per cent and their names are liable to be taken off our list. The tone of this letter may seem harsh but it is the only way to uphold the prestige of the F. T. D.

ALBERT POCHELON, Sec'y.

Sioux City School Gardens.

In a recent issue the Sioux City Sunday Journal devoted an entire page to illustrations and results of the first year's work in developing interest in the soil by the formation of school gardening clubs in that city. It was the only large movement of this kind in the state of Iowa and several hundred children are closing their first year's experiences which have proven both interesting and profitable, earnings varying from \$1 to \$100.

The Sioux City Seed & Nursery Co., through Manager Cummins, supplied the seeds at very low prices, and the state college at Ames, co-operating with the federal government, through the Smith-Lever's appropriation bill, was able to assist in a financial way, in addition to sending Prof. E. C. Bishop to Sioux City to organize the work. Home canning of fruits and vegetables was also a feature of the work, June Gunter, a 13-year-old miss, winning first prize at the inter-state fair for the best individual exhibit of canned products, of which she displayed 26 varieties. The fair association offered numerous other prizes in the school gardens competition, which was represented by over 100 exhibits.

National Association of Gardeners.

The National Association of Gardeners opened their annual convention in Horticultural hall, Boston, Mass., December 9, Mayor Curley and John H. Dillon, chairman of the Boston Park commission, both welcoming the members of the organization with interesting addresses. Following the order of preliminary business came the election of officers, which resulted in the unanimous selection of W. N. Craig of Brookline, Mass., for president and the re-election of M. C. Ebel, Madison, N. J., as secretary. The meeting was followed by a banquet, covers being laid for 110 persons, and speeches were made by more than a score of the association's members and invited guests. On Friday, December 10, the visitors enjoyed an auto tour, the first point of

interest visited being the home of Prof. Sargent in Brookline, and from there the party went to Mrs. Larz Anderson's, where refreshments were served. Faulkner farm was next visited and then followed a trip to Arnold Arboretum, and here much interest was shown in the extensive library, in which there are more than 30,000 volumes, relating to trees and shrubs. The party was then conducted through Franklin park and the Blue Hill reservation, the next objective point being the establishment of R. & J. Farquhar & Co. at Dedham. Here a splendid luncheon was served and the afternoon was spent inspecting this extensive plant.

F. L. W.

Women in Horticulture.

The Woman's National Agricultural and Horticultural Association is organizing a chapter in Chicago and the vicinity. It is in the field to help women who make a living on farms, in orchards and gardens. It has 50 members in the middle West, and the president, Mrs. Francis King, lives at Alma, Mich. The larger membership lives in New England, New York and Pennsylvania, but interest is shown by increasing numbers in New Orleans, Kansas City, Grand Rapids, Mich., No. Dakota, California and Oregon. Recent years have developed expert woman farmers, fruit, vegetable and flower growers. The state universities recognize them in their agricultural courses and in landscape gardening, and the trained young women entering the profession discover many others who have risen on practical ability and have succeeded through experiments. Until the present time the woman farmer has been isolated in her profession and had to meet the prejudices of her neighbors and solve social problems alone. Hence the Woman's National Agricultural and Horticultural Association finds the way prepared for co-operative educational campaigns and it knows that it may be of service in raising the social status of the woman rural worker as well as act as a clearing-house of information.

Houston Convention Garden Plans.

Superintendent C. L. Brock has been at work on the plans for S. A. F. convention garden at Houston, Tex., in 1916, and it is expected they will be ready for publication in the near future. All those who contemplate making displays should communicate with him at the earliest possible moment so that desired space can be allotted.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

January 26-27, St. Louis, Mo.—Annual convention and exhibition of the Society of American Carnation Society. A. F. J. Baur, secretary, 38th and Rockwood avenues, Indianapolis, Ind.

March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville, Ill.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 28 years of age married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By Englishman, married, age 31; life experience in all branches. Private place preferred. Address Key 567, care American Florist.

Situation Wanted—By a young man, single; thoroughly experienced in arranging Christmas baskets, care of plants, designing, etc. Call or write C. K. care Wietor Bros., 162 N. Wabash Ave., Chicago.

Situation Wanted—Frenchman, sober and reliable, wants position as assistant in greenhouse. Chance to learn preferred to wages; has had a little experience with orchids. Address Key 567, care American Florist.

Situation Wanted—By a married man; no children; had lifetime experience in growing roses, carnations, chrysanthemums and all kinds of greenhouse stock. Give me a trial. Address 209 N. Patrick st., Alexandria, Va.

Situation Wanted—By young man as assistant storeman, strictly honest sober and reliable. 3 years in the trade. Have A1 reference. Chicago or the middle west preferred. Can come Dec. 12. Please state wages in first letter. Address Key 579, care American Florist.

Situation Wanted—As foreman by Englishman private or commercial; has life experience in horticulture; thoroughly practical; first-class credentials and references from England and Canada. Address Key 588, care American Florist.

Situation Wanted—By American, 24, with life experience in roses, carnations, 'mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. Best preferred. Open for engagement now, or by Jan. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Situation Wanted—Young man seeks situation as foreman or assistant on good private place; can furnish first-class references from Great Britain and America. Has had experience in orchids, roses, carnations, bedding stock, general line of pot plants, fruit under glass, etc. Have been in both commercial and private establishments for the last ten years. Can be well recommended from present place. For references, etc., apply to S. THOMAS, 527 Wood st., W. Lafayette, Ind.

Help Wanted—Florist of experience under glass and able to supervise care of grounds. House commercial. Single man preferred; good wages. Write to OXFORD SANITARIUM, Oxford, Ohio.

Help Wanted—Young man who has had experience in greenhouses to learn retail florist business in Chicago. Splendid opportunity for a single man. Good salary to start. Address Key 592, care American Florist.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For sale or Partner—Small greenhouse on seven acres choice garden soil. All or part to man having small sum of money to invest with his labor. Best location. No opposition. Address DR. F. E. GRAVES, Hinkley, Ill.

For Sale—On most advantageous terms, one of Chicago's oldest established flower shops; now doing \$15,000 business annually; could be greatly increased under progressive management; only small cash payment necessary. For full particulars address PAYNE-JENNINGS COMPANY, 123 W. Madison St., Chicago.

For Sale—Cheap. In Detroit, where life is worth living, my retail florist business, located in a good neighborhood and on the main car lines to 6 of Detroit's cemeteries; there is no competition and am doing a good business. I have other interests that demand my attention. For terms address BARTHEL'S FLOWER SHOP, 1192 Gratiot Ave., Detroit, Mich.

For Sale—Three acres of land near Chicago partly planted to peonies and gladioli, and a small greenhouse 20x50 feet, well stocked with miscellaneous plants. Cottage and barn on premises. Good location for a florist or vegetable grower. \$3,100 takes the place and is a bargain. Terms to suit. For further particulars address Key 591, care American Florist.

For Sale or Rent—Modern greenhouses, 10,000 sq. feet glass, well stocked, plants and cut flowers; good location, fine neighborhood, Milwaukee Co. will sell stock and give favorable lease or sell all on easy terms. Key 585, care American Florist.

Greenhouse For Sale—Moninger houses, modern; 13,000 ft. of glass; steam heat; cheap gas fuel; located in city of 40,000 in Eastern Oklahoma; wholesale and retail business of about \$10,000 a year; established six years. Poor health cause for selling. Entire plant invoices about \$15,000. Will sacrifice. Five thousand dollars, balance terms, will handle it. Plant not for rent or trade. This is a good opportunity. Address Key 589, care American Florist.

WANTED

Experienced traveling salesman with ability to sell seeds. In your reply state fully your past record by whom you have been employed and full information as to what you have accomplished, together with references.

NORTHRUP, KING & CO., Seedsmen
Hennepin Ave., and First St., Minneapolis, Minn.

HORTICULTURIST

Expert in all garden, greenhouse and fruit farm operations, seeks re-engagement. If your proposition pays a good living wage, either private or commercial, write

Key 590, care American Florist.

Wisconsin Retail Establishment FOR SALE.

Six greenhouses consisting of 12,000 feet of glass heated by two hot water boilers. Workshop and office in connection, with basements underneath both. Place is planted with Roses, Carnations, Chrysanthemums, Violeta and pot plants, and is the only stand in live city of 5,000 inhabitants, with several good towns to draw from nearby. One to ten acres of land and satisfactory terms to right party. Biggest bargain ever offered. Write for further particulars; do it right now. Hurry. Key 584, care American Florist.

Chicago Park Gardeners' Examination.

The civil service board of the West Chicago park commissioners will hold examination No. 181 for the position of Gardener, Class G, Grade II, at the Garfield park pavilion, December 28, at 9:00 a. m. The position is open to men between the ages of 21 and 50 years. Pay 28½ cents to 37½ cents per hour. Applications must be filed in the office of the civil service board in Union park before 5 p. m., December 27, 1915. Application blanks may be had by calling or telephoning (Monroe 5840) the civil service board at Union park. Subjects: Special subject, weight of 5; experience, weight of 3; physical, weight of 2. Special Subject: To include a written and oral test on the identification, general care, planting and characteristics of trees, shrubs and perennials.

The duties of gardener include the planting, pruning and general care of trees, shrubs, perennials and outside gardens, and occasional supervision of laborers in related work.

This examination is being held in order to obtain a list of eligibles for filling vacancies in the service for the next two years. There are no vacancies at present.

FRED. G. HEUCHLING, Superintendent of Employment.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO

You need it now for names and addresses.



Vaughan's Xmas Holly Evergreen and Laurel Wreathing

Boxwood, Cut Laurel, Mistletoe, Magnolia Leaves, Japanese Roping,
Cycas Leaves, Winter Berries, Immortelles, Ruscus.

**VAUGHAN'S SEED STORE, CHICAGO
NEW YORK**

Los Angeles.

EXCELLENT HOLIDAY OUTLOOK.

There is a general feeling of optimism among the dealers just now, and, without exception, all are looking for a big holiday trade in cut flowers as well as plants. There is an excellent stock of cyclamens in sight and they are going at fairly good prices. There is not going to be any great stock of chrysanthemums for the Christmas trade, but probably enough to satisfy all and at fair prices. The weather has been ideal up to the present time, but a change may be looked for. There are plenty of carnations from the lath houses and they are showing up well, too.

NOTES.

F. Lichtenberg, 324 West Sixth street, reports good business in roses with about the usual supply and demand in American Beauties. Chrysanthemums are about cleaned up, but there will be a fair stock for Christmas. Mr. Lichtenberg reports considerable funeral work.

The Broadway Florists have been doing a nice business lately in wedding decorations. Mr. Stathatos is proprietor of this firm. They are handling the cut flower business formerly carried on by the H. N. Gage Co.

The California Cut Flower & Evergreen Co., is preparing for a big holiday trade. They have a big stock of cyclamens on hand and expect to close them all out at good prices.

Cecile Brunner roses are beginning to make a showing on the market; also, an occasional sweet pea is seen. The usual stands are showing up, where Christmas greenery is sold.

The American Florist, R. W. Saake, proprietor, while only enjoying the

Joseph A. Millang

Wholesale Commission Florist

57 West 26th Street, NEW YORK

All orders filled on short notice.

The Celebrated Briarcliff American Beauty Roses

and the leading varieties of Tea Roses from
the F. R. Pierson Co. and A. Farenwald
Ranges as follows:

Ophelia, Hoosier Beauty, Sunburst, Mrs. Geo. Shawyer, Killarney Queen, Mignon and many others.

The Cottage Gardens Co.'s Carnations, Mrs. C. W. Ward, Matchless, Cottage Maid, Crystal White and other fine new productions.

usual good business, is looking forward to a big Christmas trade.

T. M. Lilley of Columbus, Ohio, is spending the winter in Los Angeles. Mr. Lilley was a former partner of Mr. Knopf in the east.

The Los Angeles Floral Co. is busy with shipments as usual and, like the rest, is preparing for a big Christmas trade.

The Redondo Floral Co. is busy with Eastern Star work, having a number of chapters to supply. G. H. H.

PORTLAND, ORE.—Henry Clemens has opened a flower shop on Fourth street.

CHICO, CALIF.—Miss Josie Robbie has sold her flower shop to Mrs. Sadie Rosdine.

SPECIAL VALUES in ARAUCARIAS



Araucaria (Norfolk Island Pine)

Araucaria Excelsa

Each
 6 inch pots, 16 to 18 inches high, 4 to 5 tiers, \$0.75
 6 inch pots, 18 to 20 inches high, 5 tiers, 1.00
 6 inch pots, 22 to 24 inches high, 5 to 6 tiers, 1.25

Also a limited stock of 4 inch pots, 5 to 6 inches high, 30c each.

Araucaria Robusta Compacta

Each
 7 inch pots, 16 to 18 inches high, 3 to 4 tiers, \$1.50
 7 inch pots, 18 to 20 inches high, 4 tiers, 2.00

Araucaria Glauca

Each
 7 inch pots, 14 to 16 inches high, 3 to 4 tiers, \$1.25

HENRY A. DREER

714-716 Chestnut Street

PHILADELPHIA, - - - PA.

The above prices are intended for the trade only.

Orchids
 Adiantum Farleyense

Pansies
 Double Violets
 Pink Cornflower
 Other Novelties, as well as all Standard Varieties

Single Violets
 Blue Cornflower
 Stevia and Yellow Daisies

SEEDLING CARNATION
Laura Weber
 \$12.00 per 100; \$100 per 1000.
 Color grand! Deep Salmon pink, large bloom, strong stem, excellent keeper and shipper.

ROSE PRIMA DONNA

A grand deep pink bloom, handsome form, strong stem, fine foliage, very fragrant, better shaped and deeper color than Russell. Prima Donna is a money maker.

Growers!!!
 We have the largest and best equipped store in New York. Can handle more consignments of Good Stock. One good turn deserves another.

Early Lavender Pink Chrysanthemum
Alex. Guttman
 Mum Growers shouldn't be without this one. We offer a few stock plants at \$2.00 each. Young plants, early delivery, 50c each; \$5.00 per doz.; \$35.00 per 100

Retailers!!!
 Our establishment is the home of Novelties!!!

ORDER EARLY!
 \$ 15.00 per 100
 \$125.00 per 1000

Guttman & Raynor, Inc.
 Wholesale Florists. 101 W. 28th Street, NEW YORK.

Tel. Farragut 2036, 2037, 558.

Cleveland.

MARKET SUFFERS FROM SHORT SUPPLY.

Another week of short stock receipts, and so far no relief in sight. The problem of the wholesalers is to find enough stock to fill orders. Particularly is this true of carnations, while roses do not fare much better. American Beauties only, arrive in quantities sufficient for the demand, and the quality, especially the better grades, is very good. Lily of the valley has been plentiful and the demand

good. Paper White narcissi and stevia are very welcome to everyone, and arrive in good supply. A few sweet peas are arriving, as are snapdragons in limited quantities. Violets are moving better than formerly. Callas and Easter lilies are short of the demand. There is a good call for boxwood, laurel wreathing and other Christmas goods. Holly will be in this week. Greens of all kinds remain plentiful.

At a meeting of the Women Florists' Club, December 6, the following offi-

cers were elected: Mrs. Sam Pentecost, president; Mrs. John Henninger, vice-president; Miss Elvira Schmitt, secretary; Mrs. Frank Friedley, treasurer. C. F. B.

MONTREAL, QUE.—While the outlook for a prosperous Christmas trade is excellent, there may be a shortage in high-grade plants, and judging from present conditions the cut flower supply will be insufficient to care for the demand unless some are brought from outside points.

CABLE ADDRESS: "ALEXCONNELL."

ESTABLISHED 1872.

ALEXANDER McCONNELL

611 Fifth Ave., Cor. of 49th St., New York.

Special attention to selection of plants for house cultivation.

We respectfully call attention to our Holiday flowers and plants: **Roses**, in variety, **Lilies of the Valley**, **Violets**, **Carnations**, **Orchids**, **Pansies**, **Chrysanthemum** and other specimens of flora.

Flowering Plants, **Cyclamen**—sometimes called the Persian Violet—**Azaleas**, **Heather** and **Poinsettias**.

Exotic and Foliage Plants, consisting of **Dracaenas**—or Dragon Plants—**Pandanus Veitchii**, **Crotons**, **Boston Ferns**, **Palms**—in variety—**Hardy Ivy**.

A selection of attractive Baskets of growing plants and other exotics at reasonable prices, consistent with quality.

Orders transferred to the best representatives of floriculture in all the principal cities of the United States.

Importation of Holland Boxwood just received in fine condition.

ALEX. McCONNELL, Importer and Exporter,

Woodside Nurseries, New Rochelle, N. Y.

611 Fifth Avenue, N. Y. City.

BADGLEY & BISHOP, Inc. WHOLESALE FLORISTS, 34 West 28th Street.	No. 1915	NEW YORK, Dec 24 th 1915
	THE MUTUAL BANK 49-51 WEST 33 rd STREET	
PAY TO THE ORDER OF <i>Mr. Grower</i>		<i>\$ Twenty Five Dollars</i>
<i>A Merry Christmas and a Happy New Year</i>		DOLLARS
<i>Bishop</i> Treas.		<i>Badgley</i> Pres.

Columbus, O.

CLOUDY WEATHER SHORTENS SUPPLY.

Cloudy skies and a lively demand have made cut flowers scarce, but florists' stores are gay with pot plants and Christmas decorative stock. That staple of the trade, carnations, reached the famine stage with some florists last week. Roses are fairly abundant. Very few American Beauties are grown here now, and the shipped-in stock is bringing \$6 a dozen. Sweet peas and violets continue to be good stock. The local trade can see nothing else to it but that the holiday business is going to be a big one. This is foreshadowed by unusually early buying of cyclamens, Cincinnati begonias, junipers and other pot plants, which each year are becoming increasingly popular as gifts. This feature is largely helped by displaying the plants in a variety of artistic baskets. Norway spruce in

pots is also a better seller this year than ever before. Azaleas are being obtained freely. The Columbus consumption is estimated at about 3,000 plants.

On December 10, the Livingston Seed Company enjoyed a distinction which does not often come to a Columbus florist, that of furnishing the decorations for a function in honor of the president of the United States. Incident to President Wilson's visit to the city, to address the national convention on the Church and Country Life, a dinner was tendered him in the Masonic temple by the Chamber of Commerce, which 1,100 people attended. The decorations consisted of American flags throughout the hall, at the president's table three large centerpieces of poinsettias and asparagus ferns, red carnations at the plate of each guest, and incidental trimming of poinsettias and asparagus fern on the tables as a

whole. The demand upon carnations was perhaps the largest ever made here by a single event.

A large force of society young women sold flowers on the down-town street corners December 11 for the benefit of St. Francis hospital. Stock was donated by local florists upon solicitation. The receipts for the cause were \$600.

Some 12 or 15 florists will run large co-operative advertisements in the Columbus newspapers next week. This plan has been tried out successfully heretofore for St. Valentine's day but this is the first trial at the Christmas season.

A feature of the Munk Floral Company's Christmas trim in their new front are two Christmas trees, lighted electrically, and demonstrating the decorative effects of Japanese friezing. J.

FOR CHRISTMAS

We Will Have a Fine Crop of the Following Roses:

RICHMONDS
RUSSELL
SUNBURST

OPHELIA
AMERICAN BEAUTIES
PINK KILLARNEYS

KILLARNEY BRILLIANT
MILADY
DOUBLE WHITE KILLARNEYS

Our **Richmonds** this year are exceptionally fine; large flowers, carried on long stiff stems, and will in a measure answer the purpose of medium Beauties, giving **better satisfaction** for the reason that they come **more perfect** and better than Beauties, as this time of the year finds Beauties more or less crippled, blue and imperfect.

You will need some of our **Killarney Brilliants**, as they are of the **cherry bright color** that gives life and cheerfulness to the surroundings. Besides, you cannot do without **Ophelia** and **Sunburst**, for with their delicate colors they are always acceptable as a Xmas gift. As for a white rose, nothing will give you **more satisfaction** than **Double White Killarney**. 'Nough said. Will also have a nice cut of **Mrs. Chas. Russell Roses** for the occasion, which will likewise be a splendid substitute for American Beauties.

A HEAVY SUPPLY of **CARNATIONS** of HIGHEST QUALITY
 RED, PINK, WHITE AND LIGHT PINK
 IN ALL THE BEST VARIETIES

You cannot find better Carnations for Xmas Boxes than ours. They have been leaders on this market since early fall, and they continue to lead the field for color, size of bloom and length of stem. They are sure to please—they cost no more—why not have the best for your trade?

LARGE SUPPLY OF
BLUE RIBBON VALLEY

The Leader of All Chicago Valley

Our **Valley** is in a class by itself, due to the reason that we buy only the best of Pips, house is well adapted for its forcing, and forced by a skilled grower; hence if you wish the choicest to be had, you will make no mistake in ordering from us our famous **Blue Ribbon Valley**, recognized by city buyers as the prize winner every day in the year.

ALSO PLENTY OF

Sweet Peas, Single and Double Violets, Harrisii, Narcissi, Stevia, Asparagus, Greens, and all other Seasonable Stock.

HONEST DEALINGS OUR MOTTO GOOD VALUES

WE AIM TO PLEASE

in every respect, and out-of-town customers will be benefited by sending us their orders; by so doing you will find that we can save you money. Do it now.

In case you ~~wish~~ to receive our Xmas price list, same will be gladly sent upon application
 YOU CAN INCREASE YOUR PROFITS AND BUSINESS BY SENDING YOUR ORDERS TO

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Shipping
Orders
Given
Careful
Attention

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

POEHLMAN

72-74 E. Randolph St.,

CHRISTMAS-Price List-CHRISTMAS

MISTLETOE-BOXWOOD-WINTER BERRIES-STEVI
 PAPER WHITES - MIGNONETTE - SNAPDRAGONS
 ROSES - CARNATIONS - AMERICAN BEAUTIES.

CHRISTMAS PRICE LIST.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$10.00
36 in.....	9.00
30 in.....	8.00
24 in.....	7.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	6.00
26 to 28-in.....	5.00
22 to 24-in.....	4.00
18 to 20-in.....	3.00
16-in.....	2.50
14 in.....	2.00
Short.....	\$1.00 to 1.50

Hoosier Beauty

RICHMOND	Per 100
HADLEY	Special \$35.00 to 40.00
OPHELIA	Long... 30 00
SUNBURST	Med. .. 20 00 to 25.00
MILADY	Short... 10.00 to 15.00
Kill. Brilliant	

BULGARIA	}	Per 100
AARON WARD		Special...\$30 to \$35.00
KILLARNEY		Long..... 25.00
WHITE KILLARNEY		Medium, 18.00 to 20.00
		Short..... 8.00 to 15.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$3.00 to \$4.00
GEORGE ELGAR, yellow..	per 100, 3.00 to 4.00
FIREFLAME, pink.....	per 100, 4.00 to 10.00

MISCELLANEOUS

	Per 100
Snapdragon.....	\$8.00 to 12.00
Sweet Peas, Spencer.....	2 00
Violets, double or single.....	2.00
Stevia.....	2.00
Paper Whites.....	3.00 to 4.00
Smilax.....	doz. \$2.00
Plumosus and Sprenger.....	3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.50
Leucothoe.....	1.00
Mexican Ivy.....	per 1000, \$6.00
Ferns.....	per 1000, 2.50
Boxwood.....	per bunch, 25c; box, \$7.50
Red Winter Berries.....	per box, \$1.50 to \$2.50
Mistletoe, lb., 35c; 10 lbs.,	\$3.00; 20 lbs., 5.00

ORCHIDS

	Per
	Market Price
Cattleyas.....	\$1
Gardenias.....	\$6.00 to
Cypripediums....	4.00

EASTER LILIES

Per 100.....	\$10.00 to \$1
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LILY OF THE VALLEY

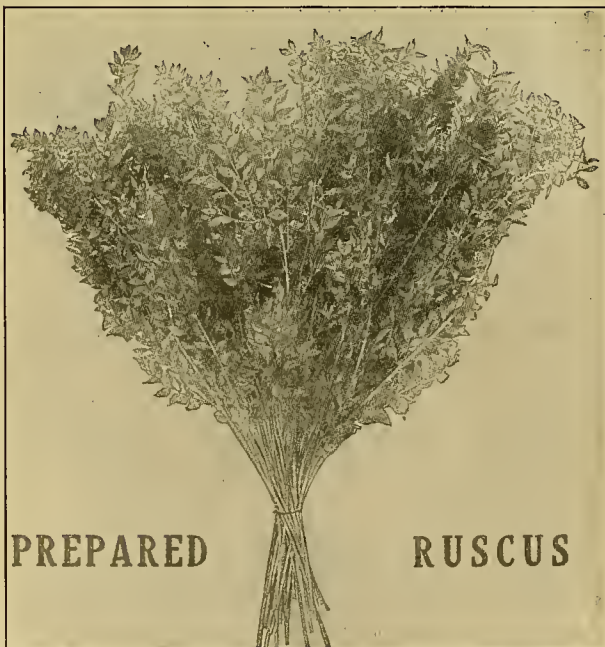
Per 100.....	\$3.00, \$4.00, \$
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CARNATIONS

Best Fancy, all colors..	\$10.00 to \$1
Medium, per 100.....	8.00 to 1

WILD SMILAX

Per case.....	\$
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PREPARED

RUSCUS

Ruscus-Last Ca

We are prepared to fill your orders up to the last hour.

Best EE Stock, 75 cents per

Write for Prices on larger quantities.

50 Assorted Tumbler Bask

Two-Toned, with Liners, \$10.00

6-in. Water-Proof Chiffon, per yard, \$0.0
 Red Frieze, 60-yd. bolts, 60 cents per b

N BROS. CO.

Long Distance Phone,
Randolph 35. CHICAGO, ILL.

Christmas Plants

Azaleas--Poinsettias--Cyclamens--Begonias--Etc.

Order early and protect your supply for our stock is unusually fine this year and unequalled anywhere at the prices quoted. **Order Now.**

ARAUCARIA ROBUSTA COMPACTA
Each tiers.....\$1.00
.....\$1.50, \$2.00 and 2.50

ARAUCARIA EXCELSA Each tiers.....\$1.00
.....1.50
.....2.00

FERNS
Boston, Roosevelt and Whitmani Each
1 pot.....\$0.50
1 pot......75
1 pot..... 2.00

PANDANUS VEITCHII
most desirable plant for Christmas baskets.
Each
1 pot.....\$0.35
1 pot......50

CROTONS.
In finest varieties, beautifully colored and well furnished with leaves to the pot. Each
1 pot.....\$.50
1 pot......75 to 1.00

ASPARAGUS PLUMOSUS
1 ch pot.....\$2.50 per 100
1 pot..... 5.00 per 100
up in pans.....\$4.20 per doz.

BEGONIA CININNATI
3-inch pot.....15 cents each
4-inch pot.....\$ 4.00 per doz.
5-inch pot..... 8.00 per doz.
6-inch pot..... \$ 9.00 and 12.00 per doz.

BEGONIA LORRAINE
4-inch pot.....\$ 3.00 per doz.
5-inch pot..... 6.00 per doz.
6-inch pot..... 9.00 per doz.

POINSETTIAS
6-inch pot.....\$.50 and \$.75 each
7-inch pot..... 1.00 each
8-inch pot..... 1.50 each

TABLE FERNS
Per hundred.....\$3.50

PRIMULA OBCONICA
5-inch pot--In bloom.....per doz., \$3.00

SKIMMIA JAPONICA
Well berried, a splendid plant for Christmas.
\$1.00, \$1.25 and \$1.50 each

CYCLAMEN
4-inch pot.....\$ 3.60 per doz.
5-inch pot..... 6.00 per doz.
6-inch pot..... 9.00 per doz.

Made-Up Plants for Christmas.
Combination pots of Geraniums, Asparagus and Ferns, 35 cents each.



AZALEAS
Limited supply for Christmas delivery.
\$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 and \$5.00 each

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Areca Lutescens
tubs, 5 plants in a tub..... 3.00

Kentia Belmoreana
Made-up Plants
1 pot 3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana
Single Plants Each
4 inch pots, 5 to 6 leaves, 18 in. high \$0.40
\$4.50 per dozen.
6-inch pots, 6 to 7 leaves, 24 in. high 1.00
6-inch pots, 6 to 7 leaves, 28 to 30 in. high 1.50
7-inch pots, 6 to 7 leaves, 36 in. high 3.00
8-inch tubs, 6 to 7 leaves, 38 in. high 3.50
8-inch tubs, 6 to 7 leaves, 48 in. high 5.00
8-inch tubs, 6 to 7 leaves, 58 to 60 in. high 7.00
Specimens, \$15.00 to \$50.00.

Kentia Forsteriana
Made-up Plants Each
7-inch pots, 3 plants in a pot, 28 to 30 in. high \$2.00
7-inch pots, 3 plants in a pot, 36 to 38 in. high 2.50
7-inch tubs, 4 plants in a tub, 38 to 40 in. high 3.00
8-inch tubs, 4 plants in a tub, 38 to 44 in. high 3.50
8-inch tubs, 4 plants in a tub, 50 in. high 5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high 6.00
10-inch tubs, 4 plants in a tub, 5 ft. high 8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high 10.00
12-inch tubs, 4 plants in a tub, 6 ft. high 12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.

Kentia Forsteriana
Single Plants Each
6-inch pots, 5 to 6 leaves, 28 to 30 in. high \$ 1.00
6-inch pots, 6 to 7 leaves, 34 to 36 in. high 1.50
6-inch pots, 6 to 7 leaves, 38 to 42 in. high 2.00
8-inch tubs, 6 to 7 leaves, 50 to 54 in. high 5.00
8-inch tubs, 6 to 7 leaves, 5 ft. high 6.00
10-inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy 8.00
10-inch tubs, 6 to 7 leaves, 6 to 6½ ft. high 10.00

Phoenix Roebelenii Each
3-inch.....\$3.00 per doz.
5 inch pots.....\$1.00
7-inch pots, 26 in. high, 34 to 36 in. spread..... 2.50
8-inch tubs, grand specimens..... 3.50
10-inch tubs, grand specimens.....\$5.00 to 7.00

Aspidistra Lurida
Green, 5 inch pots, 10 to 12 leaves..... 1.00
Variegated, 5 inch pots, 10 to 12 leaves..... 1.50

Dracaena Amabilis
6-inch pots.....\$1.00, \$1.25 each

Dracaena Terminalis Rosea
3 inch pots.....\$3.00 per doz.
4-inch pots.....40c each; \$4.50 per doz.
5-inch pots.....75c each; 7.50 per doz.

Dracaena Godseffiana
Per doz.....\$1.00

Dracaena Baptistii
6-inch.....each, \$1.25

Dracaena Messangeana
5 inch.....75c each

Dracaena Stricta Grandis
5-inch.....\$1.00 each

Dieffenbachia Magnifica
Each.....50c, 75c, \$1.00

Christmas Price List

ROSES

Mrs. Chas. Russell— Per 100
 Good\$10.00 to \$15.00
 Extra Fancy..... 20.00 to 30.00
Ophelia 10.00 to 25.00
Sunburst..... 10.00 to 20.00
Killarney, White Killarney, Killarney Brilliant—
 Long.....\$12.00 to \$15.00 per 100
 Medium..... 10.00 per 100
 Short..... \$6.00 to 8.00 per 100
 Specials billed accordingly.

CARNATIONS, De Luxe, \$6.00 to \$8.00
 De Luxe, red 8.00 to 10.00

Miscellaneous

Lilies..... \$10.00 to \$12.50 per 100
 Lily of the Valley, \$4.00-\$5.00 per 100
 Violets, double, \$1.00 to 1.50 per 100
 Sweet Peas..... 1.50 to 2.00 per 100
 Stevia 1.50 to 2.00 per 100
 Paper Whites... 3.00 to 4.00 per 100
 Ferns 2.50 per 1000
 Asparagus..... bunch, 35c to 50c each
 Sprengeri bunch, 25c to 35c each
 Galax \$1.00 1000
 Mexican Ivy.....75c per 100
 Boxwood large bunch, 25c each
 Red Winter Berries, per bunch, 25c; case, \$1.00; large case, \$2.00.
 Mistletoe25c per lb.

Subject to Market Changes.

Xmas Plants

Primroses, Obconica, Malacoides, Chinese, very good stock, 4-in., \$9.00 per 100.
 Begonia Cincinnati, 5-in., 50c; 6-in., 75c; 7-in., \$1.00; Specimen plants, \$1.25 to \$1.50.
 Begonia Lorraine, 5-in., 40c; 6-in., 60c; 7-in., 75c; Specimen plants, \$1.00 to \$1.25.

A. T. Pyfer & Co.

Wholesale Florists
 30 East Randolph Street
 Chicago, Ill.

THE SIGN OF QUALITY

Chicago.

CARNATIONS ARE VERY SCARCE.

Business has been very brisk this week and stock of all kinds continues to clean up well each day at good prices. Carnations especially, are selling well, but are in short supply and the best grades are bringing as high as \$4 and \$5 per 100. American Beauty roses are having a good call and fancy stock is selling nicely at prices ranging from \$4 to \$6 per dozen. Roses in general are in good demand, and there is no surplus to speak of when the day's sales are over, with the possible exception of White Killarney, which appear to be more plentiful. Ophelia roses seem to be very scarce and in brisk demand. Short roses are selling at as good prices now as they did last Christmas and the longer stemmed stock is also bringing satisfactory prices. Orchids are a trifle more plentiful, but still command fancy prices and the same holds good for gardenias. Violets are having a good call and there are just about enough to go around. Sweet peas are none too plentiful, and the same applies to lily of the valley. Snapdragons are in good supply, but are moving nicely. Stevia and Paper White narcissi are a little more plentiful, but are selling well at good prices. Greens of all kinds are plentiful and choice boxwood is seen at several of the stores in large supply. Red winter berries are very scarce at this writing. Cut poinsettias are to be had in quantity and so are gladioli. The wholesale plantsmen are having a good season and expect to clean up completely before the rush is over and are already well sold out in certain lines. The supply houses are receiving enough orders to keep the force working overtime, and from present indications it appears in all lines as if the Christ-

PERCY JONES
 INC.

WHOLESALE COMMISSION FLORISTS
 58 East Randolph Street
 CHICAGO

PERCY JONES
 INC.

WHOLESALE COMMISSION FLORISTS
 58 East Randolph Street
 CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

ROSES AND CARNATIONS

For Christmas

Russell.....	\$10.00 to \$30.00	Sunburst	\$6.00 to \$20.00
Ophelia.....	6.00 to 20.00	Richmond.....	6.00 to 25.00
Killarney.....	5.00 to 18.00	Carnations, red.....	8.00
White Killarney.....	5.00 to 18.00	Pink and white.....	6.00

Complete line of all other Cut Flowers and Greens. Order here.

DOMINICK E. FRERES

162 North Wabash Ave., L. D. Phone Randolph 7175, CHICAGO, ILL.

mas trade will be the best in years. It is a question whether cut flowers will be plentiful or not for the holidays, for it appears at present as if American Beauty roses and carnations are going to be scarce, for many of the dealers are already refusing orders for same. A few out-of-town wholesale florists were in the city this week looking for stock for the holidays, and

one wholesaler refused an order from one of the large eastern wholesale houses for American Beauty roses for Christmas, which means that there will not be as many eastern American Beauties handled in this market this year as was the case last season, and judging from the many inquiries that are being received from all sections of the country, everyone is either anti-

NEW YEAR PRICE LIST

In Effect Dec. 27.

American Beauties

	Per doz.
Extra long stem Specials	\$10.00
Stems 36 inch.....	8.00
Stems 24 to 30 inch	6.00
Shorter lengths	2.00 to 4.00

Red Roses-Rhea Reid

	Per 100
Extra long.....	\$25.00
Good length	20.00
Good medium.....	15.00
Good short.....	10.00

Cecile Brunner or Sweetheart Roses

Per bunch of 25 buds.....\$1.00 to \$1.25

Richmonds, Ophelia, Brilliants and Shawyer

	Per 100
Extra long stems.....	\$18.00 to \$20.00
Good length stems.....	15.00
Medium stems	10.00 to 12.00
Short stems.....	6.00 to 8.00

Sunburst, White and Pink Killarney and Hillingdon

	Per 100
Extra long	\$12.00 to \$15.00
Good length	10.00
Medium	8.00
Good short.....	\$5.00 to 6.00

Carnations

		Per 100
Extra Fancy red Belle Washburn , long stems, very choice		\$ 8.00
Extra fancy dark and light pink		6.00
Dark and light pink.....		5.00
Extra fancy white.....		4.00
Stevla , very fancy, per bunch	\$0 50	
Valley , per 100.....	\$4.00 to 5.00	
Paper Whites , per 100.....	3.00	
Choice Common Ferns , per 1000.....	\$2.50	
Asparagus and Sprengeri , per 100.....	3.00	
Galax Leaves , per 1000.....	1.00	

All Other Stock at Market Prices. We are Growers and Guarantee the Quality of all the Stock We Sell.

The Best Red Carnation Is Our New Seedling Belle Washburn.

The winner of the Silver Medal at the last exhibition of the American Carnation Society, Buffalo, N. Y., January 27th and 28th. The color is a most brilliant red. The size of the flower from 3 to 3½ inches, stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx.

This is a seedling from Enchantress and has all the good traits of the Enchantress family—easy to grow and productive. This is one of our own seedlings which we have grown for the past five years. It is the leading red in the Chicago markets.

Price of the rooted cuttings is \$12.00 per 100; \$100.00 per 1000.

We will bill 500 at the thousand rate price.

Every cutting guaranteed strong and well rooted.

BASSETT & WASHBURN

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

GREENHOUSES
HINSDALE, ILLINOIS.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
" 2572
Auto. 48-734

CHICAGO

Beauties--Roses--Carnations, Etc.

Order Here **CHRISTMAS PRICE LIST:** Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.

Long stems	Per doz.	\$12.00
36-inch stems		10.00
30-inch stems		9.00
24-inch stems		8.00
20-inch stems		6.00
18-inch stems		5.00

ROSES.

Richmond—Milady—Extra long	Per 100	\$30.00
“ Special		25.00
“ Fancy	15.00 to	20.00
“ Medium	12.00 to	15.00
“ Short	8.00 to	10.00

MRS. CHAS. RUSSELL.

Specials	Per 100	\$30.00 to \$35.00
Select		25.00
Medium	15.00 to	20.00
Short	10.00 to	12.00

White Kiliarney	} Special	\$20.00 to \$25.00
Kiliarney		
Kiliarney Brilliant		
Ward		
Sunburst		
Ophelia	} Medium	10.00 to 12.00
Maryland		
ROSES, our selection .....			8.00

CARNATIONS, common	Per 100	5.00
“ fancy		8.00
“ red		10.00

MISCELLANEOUS.

Cattleyas	per doz., \$12.00	4.00 to \$ 5.00
Vailey		1.50 to 2.00
Violets		3.00 to 4.00
Paper Whites		3.00 to 4.00
Poinsettias, fancy, per doz.	\$2.00 to \$4.00	1.50 to 2.00
Romans		1.50 to 2.00
Stevia	per doz., \$1.50 to \$2.00	1.50 to 2.00
Lilies	per doz., 2.00	1.50 to 2.00
Callas	per doz., 2.00	1.50 to 2.00
Sweet Peas		1.50 to 2.00
Smilax	per doz., \$2.00	1.00
Adiantum		1.00
Asparagus Strings	each, 75c	
Asparagus Plumosus, per bunch		
.....	35c to 50c	
Fancy Ferns	per 1,000, \$2.50	
Wild Smilax	per case, 5.00	
Boxwood	per lb., 25c; 50 lbs., 7.50	
Mistletoe	per lb., 25c	
“	original case, 25 lbs., 4.50	
Leucothoe Sprays .....		.75
Mexican Ivy .....		.75
Mignonette		6.00 to 8.00
Michigan Red Berries	per case, \$2.50	

pating a brisk trade or stock is scarce, and they are looking to this market to supply their needs. There may be plenty of roses to go around, but taken all in all it would not be at all surprising if the market cleaned up completely in all lines before the big rush is over. About three inches of snow fell on December 11-12, but the weather on Monday was very favorable for growing purposes and with a few more bright days stock should be in splendid condition and growers should be careful not to hold the stock too long for the buyers now insist upon having strictly fresh flowers and will not handle pickled stock under any condition if they can possibly get along without it.

NOTES.

Frank H. Timmihoff, who has been in the employ of the A. L. Randall Co. for the past five years as cashier in the cut flower department, died at his home at 2527 Ballou street, last Sunday, December 12, at 10 a. m., after being sick for only 11 days. The funeral was held from the residence at one o'clock the following Wednesday and the remains were laid to rest in Waldheim cemetery. A. L. Randall, Frank Johnson and Eric Johnson of the A. L. Randall Co., and several others in the trade attended the funeral, and the floral offerings from the wholesale houses and retail florists were many and beautiful. The late Mr. Timmihoff was 29 years of age and had a host of friends in the city, for he was very obliging and pleasant and will be greatly missed at the store by his employers, the employes and customers, with whom he was on very intimate terms. He is survived by his wife, a bride of four months.

A. C. Kohlbrand, of the E. C. Ameling Co., has returned from Minneapolis, Minn., where he attended the flower show held last week under the auspices of the Minnesota State Flo-

rists' Association and the Minnesota State Horticultural Society.

E. C. Pruner, representing Poehlmann Bros. Co., is in the city and will remain until after the holidays. He is making his headquarters at the store when he is not escorting any of his out-of-town customers through the greenhouses at Morton Grove.

Percy Jones unloaded a large shipment of red winter berries December 14 and expects to have plenty to supply all of his customers with during the holidays. Boxwood is the chief offering at this store and the quality is exceptionally fine.

Chas. Erne, of Erne & Klingel, is suffering with a severe cold, but is on the job early and late making preparations to handle the Christmas trade.

M. C. Gunterberg is handling a good supply of violets and red winter berries.

F. O. Franzen's store at 5319 North Clark street is now well advertised after dark by a new electric sign.

Vaughan's Seed Store handled three cars of fancy holly one day this week.

Good Supply

VIOLETS for CHRISTMAS

\$1.00 to \$1.50 per 100

Stevia	\$1.50 per 100	Boxwood	25c per lb.; \$7.50 per case
Calendulas	\$3.00 to \$4.00 per 100	Ferns	\$2.00 per 1000
Narcissus (white, yellow) 3.00 to 4.00 per 100		Asparagus strings .....	.35c to 50c each

Also Roses, Carnations, etc.

O. A. TONNER

30 East Randolph Street, Wholesale Florist CHICAGO, ILL.

Fancy Double

Violets

For CHRISTMAS. Both

QUANTITY QUALITY

\$10.00 to \$15.00 per 1000.

M. C. GUNTERBERG

Wholesale Florist

158 N. Wabash Ave., Main Floor
L. D. Phone, Central 3067 CHICAGO

Tremendous Crop Of

ROSES

FOR CHRISTMAS

Exceptionally fine Richmond---White and Pink Killarney Killarney Brilliant--Mrs. Chas. Russell-Sunburst--Ophelia.

BEAUTIES

Large supply of magnificent stock in all lengths at prices ranging from \$4.00 to \$10.00 per dozen.

We Have All the Standard and Best New

CARNATIONS

And Can Supply the Best Grade in Quantity

We swept the deck in practically all the entries that we made in Carnations at the Chicago Show, November 9-14, and can supply you with the best stock obtainable for Christmas at the most reasonable prices. We will have plenty of Red, White and Pink for everyone, so place your orders with us.

CHRISTMAS PRICE LIST

Subject to Change Without Notice.

AMERICAN BEAUTIES.	
	Per Doz.
60-inch stems	\$10.00
48-inch stems	9.00
36-inch stems	8.00
30-inch stems	7.00
24-inch stems	6.00
20-inch stems	4.00

White—KILLARNEY—Pink.	
KILLARNEY BRILLIANT,	
OPHELIA.	
	Per 100
Extra Special	\$18.00
Select	15.00
Fancy	12.00
Medium	10.00
Good	8.00
Short stems	6.00

MRS. CHAS. RUSSELL.	
Per 100	
Fancy Stock	\$15.00 to \$30.00
SUNBURST.	
Per 100	
Extra Special	\$25.00
Select	20.00
Fancy	15.00
Medium	12.00
Good	10.00

RICHMOND.	
Per 100	
Extra Special	\$25.00
Select	20.00
Fancy	18.00
Medium	15.00
Good	12.00
Short stems	10.00
Roses, our selection, \$7.00 per 100.	

CARNATIONS.	
Per 100	
Red, Extra Special	\$8.00
Red, Good	6.00
Enchantress, Extra Special	6.00
Enchantress, Fancy	5.00
Pink, Select	6.00
Pink, Fancy	5.00
White, Fancy	5.00

Miscellaneous.	
Lilies, per doz.	\$1.50 to \$2.00
Ferns, per 1,000	\$2.50
Smilax, per dozen strings	2.00
Adiantum, per 100	1.00
Galax, per 1,000	1.00
Sprenger, per bunch	.50
Asparagus Sprays, bunch	.50
Other Green Goods Market Rates.	

Our Range of Greenhouses is One of the Three Largest in America and is in Full Crop For Christmas.

WIETOR BROS.

162 N. Wabash Ave.,

L. D. Phone, Randolph 2081

CHICAGO

ROSES-ROSES-ROSES

Large Christmas Supply

Beauties--Carnations--Violets--Etc.

Plenty for Everyone. All Leading Varieties. Order Here.

You will get a square deal from us. We realize what it means to have strictly fresh stock to fill orders with and keep this constantly in mind, and no matter how little or how much you buy, we give every order our individual attention. We aim to give our customers, old and new, such good stock for their money, and such good service that they will not think of going elsewhere. Our prices are right so be sure and order here.

ERNE & KLINGEL

30 E. Randolph Street, L. D. Phone, Randolph 6578. CHICAGO, ILL.

Peter Reinberg will have a splendid crop of Richmond roses for Christmas, for the stock in 13 large houses is in splendid shape and just right for the holidays. Ophelia, Mrs. Chas. Russell, Killarney, Killarney Brilliant and White Killarney will also be plentiful as will My Maryland, which are still being grown on a large scale and are showing better color than Killarney at present. The supply of Milady and Sunburst will be larger than was at first expected and the cut of American Beauties will be the heaviest in years, which Superintendent Reichling attributes to the fact that the heating system was changed this spring and the plants do better with overhead heating than they did under the old plan. Milady, Mrs. Chas. Russell and Killarney Brilliant have given splendid satisfaction this season and will be grown on a larger scale next season. American Beauty roses will not be grown as heavily as in the past, for Mrs. Chas. Russell is proving to be a splendid substitute and is a better paying proposition. Mr. Reichling is busy propagating roses and carnations and had several benches well rooted which he will be ready to offer in another week. Mr. Reinberg is very enthusiastic over the Christmas business, for trade in all lines is brisk and he expects that his Christmas business will be the best in years, for the outlook was never so bright and everything points to a clean-up in all lines.

Weiland & Risch are cutting a good supply of their new rose, Champ Weiland, which continues to attract much favorable attention at the store as well as in the greenhouses. This rose has a remarkable color, which at present is superior to that of the Mrs. Chas. Russell. Several of the local growers have placed their orders for this variety for March delivery and in nearly every instance those who have done so have watched its growing very closely.

A. L. Vaughan is well pleased with the outlook for orders for Christmas at A. L. Vaughan & Co.'s store, for inquiries are numerous, and while many orders have already been booked, the greater portion are now being received and with a large supply of stock to offer the sales should run much ahead of last year.

George C. Weiland, proprietor of the store conducted under the name of M. Weiland, 602 Davis street, Evanston, is making preparations for a brisk Christmas trade, but is inclined to believe that stock in general is going to be somewhat scarce.

If you are looking for an ideal flower for the Holidays get the long and short-stemmed

Magnificum Lilies

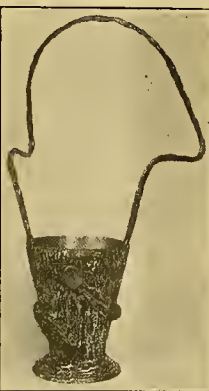
The Improved Rubrums

Write for prices.

We also have fine Easter Lilies and Adiantum Croweanum cut fronds always on hand.

HOFFMEISTER FLORAL CO.

Lickrun, White Street, Cincinnati, Ohio



XMAS SPECIAL RUSTIC ART BASKETS

Send 50 cents for sample. Same basket with ribbon bearing words "Merry Christmas" in gold letters, 60 Cents Each.

M. C. GUNTERBERG

WHOLESALE FLO^RIST

158 No. Wabash Ave., (Main Floor) Chicago
L. D. Phone, Central 3067

Fred Dietsch says that inquiries for greenhouse materials are numerous at the A. Dietsch Co.'s factory at 2642 Sheffield avenue and that the outlook for next season is most encouraging.

Hoerber Bros. never had a better grade of White Killarney roses to supply their customers with than they are cutting now, for they are exceptionally well grown and in good demand.

Jos. Wolf and M. Fink are the new

proprietors of the Armitage Floral Shop, 2065 Milwaukee avenue, formerly conducted by Stephen T. Minan.

Kyle & Foerster are having a good call for boxwood, which they are handling in quantity in addition to a complete line of other stock.

O. A. Tonner has added a large violet grower to her list of consignors and will have a good supply to offer for the holidays.

Big Crops of Prize Winning

RICHMOND ROSES BEAUTIES - CARNATIONS

For Christmas

Of the Same High Quality That Won 18 Prizes Out of 22 Entries in Hot Competition at The Big Chicago Flower Show, November 9-14, 1915.

RICHMOND ROSES

will be our leader again this year and from present indications we can safely say that our supply will be the largest ever. In addition to Richmond we will have a large quantity of Supreme Quality

American Beauties-Milady-Ophelia-My Maryland-White Killarney
Killarney - Killarney Brilliant - Sunburst and Mrs. Chas. Russell

FANCY CARNATIONS

Large Supply of Red, White and Pink. Enough for Everyone so Order Here.

Buy Direct From The Grower.

CHRISTMAS PRICE LIST:

Subject to Change Without Notice.

	Per doz.
AMERICAN BEAUTIES	
60-inch stems.....	\$10 00
48-inch stems.....	9 00
36-inch stems.....	8 00
30-inch stems.....	7 00
24-inch stems.....	6 00
20-inch stems.....	\$4 00 to 5 00
RICHMOND	
	Per 100
Specials	\$25 00
Select	\$15 00 to 20 00
Medium	10 00 to 12 00
Shorts	6 00 to 8 00
Killarney	Per 100
White Killarney	\$20 00
Killarney Brilliant	Specials
	Select
Sunburst	Medium
My Maryland	Short
Ophelia	6 00 to 8 00
MILADY	
	Per 100
Specials	\$25 00
Select	20 00
Medium	\$15 00 to 18 00
Short	8 00 to 12 00

	Per 100
MRS. CHAS. RUSSELL	
Specials	\$30 00 to \$35 00
Select	25 00
Medium	15 00 to 20 00
Short	10 00 to 12 00
ROSES, our selection	
	\$ 6 00
Carnations, red	\$8 00 to 10 00
" white and pink.....	6 00 to 8 00
Harrisll.....per doz., \$1 50 to \$2 00	
Valley	\$4 00 to \$5 00
Violets	1 50 to 2 00
Smilax.....per doz. strings, \$2 00	
Adiantum	1 00 to 1 50
Asparagus, per bunch	50c to 75c
Ferns, per 1000	\$2 50
Boxwood	per bunch, 25c
Galax, bronze and green.....per 1000, \$1 00	
Stevia	1 50 to 2 00
Sweet Peas	1 00 to 1 50
Leucothoe Sprays	75c to 1 00

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St.,

LONG DISTANCE PHONE
CENTRAL 2846.

CHICAGO

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

LARGE QUANTITIES

Choice Christmas Cut Flowers and Greens

Everything Seasonable

BEAUTIES--ROSES--CARNATIONS--VIOLETS--POINSETTIAS--BOXWOOD--ETC.

For prices see our advertisement, Page 1111; in December 11 Issue, The American Florist.

Wietor Bros. are well satisfied with the outlook for Christmas for orders are numerous for both roses and carnations and while they will have a large supply for the holidays, they expect to clean up in all lines. This firm is cutting a large supply of choice American Beauty, Richmond and Killarney roses and receipts of White Killarney, Killarney Brilliant, Mrs. Chas. Russell, Sunburst and Ophelia are steadily increasing. N. J. Wietor in speaking of carnations is well pleased with Matchless, the best white on the place, and also with Rossette, which is doing remarkably well with them.

H. E. Philpott, of Winnipeg, arrived here this week from Minneapolis, Minn., where he attended the flower show held last week, and will spend several weeks at Pyfer & Olsem's range at Wilmette, in which he is interested, and also at A. T. Pyfer & Co.'s wholesale store, of which firm he is president. He placed an order with the John C. Moninger Co. for two new greenhouses while he was in the city, but is not ready to state just where the new range will be located.

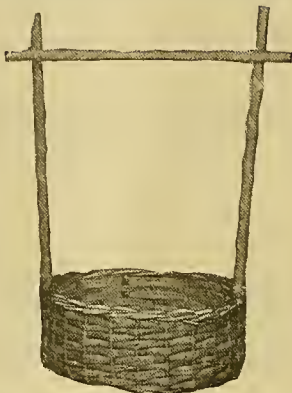
C. L. Washburn says that Christmas orders are arriving in large numbers at Bassett & Washburn's store and that it looks now as if American Beauty roses and carnations are going to be real scarce before the rush is over. The home of Art Pasternik, who is employed at this house, was robbed one day this week, when the thieves secured a beautiful diamond ring that the other boys at the store claim he was going to give to a young lady for a Christmas present.

H. Kusik, of H. Kusik & Co., Kansas City, Mo., was here this week buying stock for the holidays. He reports trade as good and says that everything points to a scarcity of cut flowers for Christmas, especially carnations. He visited his old employer, C. C. Pollworth, at Milwaukee, Wis., December 12, and reports the market in about the same condition as it is here.

Zech & Mann's wholesale store was robbed last Monday evening, December 13, when the cash drawer was broken into and the thieves secured about \$10 in change. This firm has received a pretty calendar from Williams & Co., South Bend, Ind., and a useful calendar pad from Robert Grover, the Adams, Mass., fern dealer.

The Chicago Flower Growers' Association is handling a large supply of roses, particularly Killarney Brilliant, which are unusually fine and will be one of their leaders for Christmas. Boxwood is being handled on a large scale, and is in good demand, owing to the fine quality of the stock offered.

The John Kruchten Co.'s telephone numbers have been changed to Central 8016 and Central 8017, which they will be pleased to have their customers bear in mind when ordering in the future. This firm reports that their



RAEDLEIN'S XMAS SPECIAL

LINERS INCLUDED

1 Doz. Cut Flower Baskets, \$7.50

1 Doz. Cut Flower Baskets, 5.40

The baskets in this offer are decorated with relief and hand painted. The assortments are the same, the difference being in size only.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Chicago.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

HOLLY

Two carloads per day. Latest cut holly, especially selected for florists to retail in bunches. Fancy in quality, fair in price. Write, wire or phone.

XMAS TREES

Selected for Form, Quality and Appearance. We carry a full supply and can fill

orders promptly. Place your order now—To-day.

Full Line of Christmas Decorations, Etc.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

READ THIS.

Boxwood, 50 lbs.\$7.50 Wild Smilax, 50 lbs.\$4.50
Immortelles, per doz. 4.00 Wirework. Everything for the Florist's use. Try me.

Red and Green Frieze Roping.....50 cents per 60 yards

Wire Rings for Holly Wreaths:

Size—	10-in.	12-in.	14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
Per doz.,	10c	12c	14c	16c	18c	20c	22c	25c
Per 100,	\$.80	.90	\$1.00	\$1.15	1.30	\$1.45	1.6	\$1.80

ALL CUT FLOWERS
IN SEASON.

E. G. GILLETT, Wholesale Florist, 131 E. 3rd St., Cincinnati, Ohio

growers will be in good crop with gardenias for Christmas.

Zalinger & Hirsch, 175 West Jackson boulevard, dissolved partnership December 10, when H. M. Hirsch withdrew as a member of the firm. He will help his partner out until January 1, 1916, when he will have an important announcement to make.

Standard Oil Company of Indiana has advanced the price of gasoline throughout its entire territory one cent per gallon, making Chicago tank-wagon basis 15½ cents.

Arnold Ringier, of the W. W. Barnard Co., reports brisk business in holly and bouquet green.

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00

Special Xmas price list of other supplies mailed free.

GEO. H. ANGERMUELLER

Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

D. E. Freres is handling some fine roses from the Adam Zender greenhouses and will have a good supply to offer during the holidays.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000		100	1000
C. Akehurst—Rose pink.....	\$7.00	\$60.00	R. P. Enchantress.....	\$3.00	\$22.50	Perfection—White.....	\$3.00	\$22.50
Alice—Salmon shade.....	6.00	50.00	L. P. Enchantress.....	3.00	22.50	Wonder—White.....	3.00	22.50
Siezward.....	6.00	50.00	Dorothy Gordon.....	3.00	22.50	A. Ward—White.....	3.00	22.50
Enchantress Supreme—Light Salmon	3.50	30.00	Wiosor.....	3.00	22.50	Beacon—Red.....	3.00	22.50
Philadelphia—Rose pink.....	5.00	35.00	Pink Delight.....	5.00	45.00	Victory—Red.....	3.00	22.50
C. W. Ward—Good rose pink.....	3.00	25.00	Matchless—White.....	3.00	25.00	Champion—Red.....	4.00	35.00
Gorgeous.....	5.00	35.00	Enchantress—White.....	3.00	22.50	Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

DEMAND LACKS SNAP.

The past week has been rather quiet—there were a few teas and other functions of fair importance, but the demand lacked snap and was easily satisfied. The market, however, kept in good balance, the supply showing a perceptible falling off, as is usual at this season. Dull, cloudy, cold weather is said to be holding the stock back, and perhaps the saline atmosphere in some of the cold cellars may have something to do with it. The stock that does get through is fine and all the indications point to a full supply of very good quality. Russell roses have been very fine the past week, some excellent stock being offered. Richmond has made its appearance and the usual fine Christmas crop is promised. All the other standards and fancies are all that could be desired. Prima Donna is making a name for itself, the vase-full exhibited at the florists' club last week almost equaling American Beauty in its good points. Carnations have shortened up very much, there not being enough coming in for half the demand; in consequence, prices advanced 25 to 50 per cent. Sweet peas are becoming more plentiful, very excellent flowers of the Spencer type being seen daily in increasing quantities and growers promise a goodly cut for the holidays. Violets are scarce, lily of the valley is about normal, while cattleyas are two to one of a week ago. Some good, long snapdragon is on with a few growers. Stevia is in full crop and mignonette, the best for the season ever seen in this market, can be had in quantity.

NOTES.

Two events of importance came through the past week. One was the opening of the Forrest Flower Shop by Max Niesche, chief artist of the Habermehl force at the Bellevue-Stratford. Mr. Niesche's location is 131 South Broad street, next door to the entrance of the Forrest Theatre. This is a very busy neighborhood and a fine transient trade will no doubt be built up. The other event was the resignation of William Grafani from the Habermehls', where he has had charge of their decorative work. He goes west to be chief of the Fleischmann store in Chicago. The craft are loath to part with Mr. Graham, than whom there is no better floral artist in this country. His particular forte is large decorative work, his creations when the purse strings are loosed being sensational in their originality, magnitude and beauty.

That Philadelphia is gaining as the center of the florists' supply business is seen in the continuous enlargement of the warehouses and storerooms of the large firms which seem to be out-grown almost before they are completed. The M. Rice Co. is now building a new warehouse at 1220-24 Spring Garden street, which will give them three times the capacity of their present location. H. Bayersdorfer & Co. have recently added a large storehouse to their establishment, which give them temporary relief, but as they will have to move in the near future, something sensational in the magnitude of the new location may be looked for.

Richard Umfried has purchased the business of Chas. Fox, Sr., at Broad and Thompson streets, a shop he 20

WELCH BROS. CO.
WHOLESALE CUT FLOWER MARKET
226 Devonshire St., BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Wholesale Flower Markets

BOSTON, Dec. 15. Per 100

Rosea, Beauty.....	10 00@40 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@ 5 00
" Double White Killarney.....	1 00@ 6 00
" Killarney Brilliant.....	2 00@ 8 00
" Hadley.....	2 00@10 00
" Cardinal.....	2 00@12 00
" Mock.....	2 00@ 8 00
" Mrs. Chas. Ruessell.....	2 00@12 00
" Sunburst.....	2 00@ 8 00
" Taft.....	2 00@ 8 00
" Milady.....	2 00@ 8 00
" Ward and Hillingdon.....	2 00@ 6 00
" My Maryland.....	50@ 5 00
Cattleyas.....	50 00@75 00
Lily of the Valley.....	3 00@ 4 00
Sweet Peas.....	50@ 1 00
Carnations.....	50@ 1 00
select.....	1 50@ 3 00

BUFFALO, Dec. 15. Per 100

Rosea, Beauty, special.....	35 00@40 00
" fancy.....	25 00@30 00
" extra.....	20 00@25 00
" No. 1.....	10 00@15 00
" No 2.....	5 00@ 8 00
" Killarney.....	4 00@10 00
" White Killarney.....	4 00@10 00
" My Maryland.....	4 00@10 00
" Killarney Queen.....	5 00@ 8 00
" Richmond.....	5 00@12 00
" Sunburst.....	5 00@10 00
" Ward.....	4 00@ 6 00
" Taft.....	3 00@ 6 00
" Ophelia.....	4 00@12 00
" Mock.....	3 00@ 6 00
" Francis Scott Key.....	5 00@12 00
" Sawyer.....	4 00@10 00
" Bon Silene.....	3 00@ 4 00
Lily of the Valley.....	3 00@ 4 00
Lilies.....	10 00@12 00
Cattleyas.....	50 00@60 00
Carnations.....	2 50@ 3 50
Chrysanthemum.....	5 00@20 00
Snapdragons.....	6 00@10 00
Violets.....	75@ 1 00
Asparagus Sprengeri... 35@ 50	
Ferns.....per 1000. 2 50	
Smilax.....	15 00

CINCINNATI, Dec. 15.

Roses, Beauty.....per doz., \$4 00@ \$10 00	
" Killarney.....	4 00@15 00
" My Maryland.....	4 00@15 00
" Richmond.....	4 00@15 00
" Taft.....	4 00@15 00
Lily of the Valley.....	4 00@ 5 00
Lilium Giganteum.....	8 00@10 00
Asparagus Plumosus...per hch., 25c	
Orchids.....per doz., 9 00@12 00	
Carnations.....	5 00@ 8 00
Rubrum Lilies.....	3 00@ 6 00
Double Violets.....	1 50
Narcissus.....	3 00@ 4 00
Poinsettias.....per doz., 2 00@4 00	
Stevia.....per bunch, 25@ 35	

Patrick Welch
Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 269A.
American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
Central Market
Choice Roses, Orchids, Valley
Boxwood—Choice Holly
We solicit a trial order.
1225 Race St., Philadelphia, Pa.

McCALLUM CO.
Florists' Supplies
PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange
ORCHIDS, GARDENIAS
Consignments of choice flowers solicited.
Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of **Choice Cut Flowers and Greens**

H. KUSIK & CO.

Wholesale Florists and Supplies
Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

GUST. RUSCH & CO.



Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206
444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.
Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

BABY RIBBON.

No. 1, any color per spool of 50 yds. \$0.35
No. 1 1/2, any color, per spool of 50 yds. 0.50
No. 1 1/2, Poinsettia and Holly, spool of 50 yds. 0.75
"Bo-Ton" Crinkled Ribbon, spool of 50 yds. 1.25
No. 2 Gauze (10 yds.) 20
(Get our special Xmas price list of other items.)

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.
Buy from the grower.

Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

WM. C. SMITH Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St.,
Both L. D. Phones, ST. LOUIS, MO.

SUPPLIES AND EVERYTHING IN SEASON ALWAYS ON HAND.

years ago entered as a boy to learn the business. Mr. Umfried should make a successful retailer, as he has energy and a most pleasing personality. Mr. Fox retires on his laurels to round out his life of usefulness. He has been a great factor in the business and carries in his retirement the best wishes of the craft.

Christmas is in the air and preparations for this important event by all branches of the trade are being pushed with vigor. Out-of-town members of the craft from every direction are seen visiting the growers, commission men and supply houses; all branches say they are having a record-breaking business and feel sure it will be the best holiday business ever experienced.

At the last meeting of the local committees of the fourth national flower show, much enthusiasm was shown; it is working out on a grand scale, there being many features that only lack

Wholesale Flower Markets

PHILADELPHIA, Dec. 15.		Per 100
Roses, Beauty, extra	20 00	@25 00
" " first	8 00	@10 00
" " Mrs. Chas. Russell	8 00	@15 00
" " Killarney	3 00	@10 00
" " White Killarney	3 00	@10 00
" " Liberty	5 00	@15 00
" " Mock	6 00	@15 00
" " Hadley	8 00	@12 00
" " Bulgaria	4 00	@10 00
" " Sunburst	4 00	@12 00
" " Ophelia	3 00	@8 00
" " Hoosier Beauty	4 00	@8 00
Carnations	2 00	@4 00
Cattleyas	35 00	@50 00
Callas	10 00	@12 00
Lilium Harrisii	8 00	@10 00
Lily of the Valley	3 00	@5 00
Asparagus	per bunch,	50

PITTSBURGH, Dec. 15.		Per 100
Roses, Beauty, special	40 00	
" " fancy	30 00	
" " extra	15 00	
" " No. 1	6 00	
" " Killarney	3 00	@10 00
" " My Maryland	3 00	@10 00
" " Sunburst	4 00	@10 00
" " Mrs. Aaron Ward	3 00	@10 00
Carnations	3 00	@4 00
Cattleyas	50 00	
Lilium Giganteum	12 00	
Valley	4 00	
Adiantum	1 25	
Asparagus Sprengeri, per bunch	35	@40
Sprays, per bunch	35	@40
Sweet Peas	75	@ 1 00
Stevia	1 50	

MILWAUKEE, Dec. 15.		Per 100
Roses, Killarney and W. Killarney	8 00	@20 00
" " Ward, Sunburst	10 00	@25 00
" " Mrs. Chas. Russell	20 00	@50 00
" " Richmond	4 00	@12 00
" " Ophelia	10 00	@25 00
" " Hoosier Beauty	15 00	@35 00
Carnations	4 00	@ 8 00
Lilies, per doz., 2 00		
Snopdragon, per bunch, 25c@50c		
Valley	4 00	@ 5 00
Daisies	5c	@ 75
Cattleyas, per doz., 9 00@12 00		
Bourvardia, per bunch, 50c		
Violeta, choice Wisconsin grown	2 00	@ 2 50
Stevia	1 50	@ 2 00
Narcissi	3 00	@ 4 00
Sweet Peas	1 00	

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Dec. 15.		Per 100
Roses, Beauty, long	25 00	@35 00
" " medium	8 00	@15 00
" " short atema	5 00	@ 8 00
" " Killarney	3 00	@ 8 00
" " White Killarney	3 00	@ 5 00
" " Aaron Ward	3 00	@ 5 00
" " Sunburst	3 00	@ 6 00
" " Ophelia	4 00	@10 00
" " Hoosier Beauty	5 00	@12 50
C. Brunner	bunch, 35c	
Valley	4 00	
Carnations	4 00	
Orchids	50 00	@60 00
Asparagus Plumosa, per bu.	25	@75
Harrisii	10 00	
Pompons	bunch, 35c@50c	
Ferns	per 1000, 2 00	
Bronze Galax	per 1000, 1 50	
Mexican Ivy		50

the details and which are being worked out to make them great features, real innovations, all floral, that should or will be sure to draw the crowds.

Special roses, white lilac and cypripediums are features of the Leo Nielsen Co.'s stock. Boxwood and lycopodium are also handled in quantity. A great Christmas trade is predicted.

The Berger Bros.' Central Market is a busy place these days. Christmas greens are handled in quantity and special roses and carnations are features for the holidays.

Edward Reid's new Vim auto truck was seen on the street last Saturday just in time for the holiday rush. It is a good looking car.

The Philadelphia Wholesale Florists' Exchange is much pleased with the outlook for Christmas. Violets are leaders here.

John Westcott has our congratulations on the celebration of another birthday anniversary December 16.

K.

New York.

PRICES ADVANCE.

An advance in prices was a feature of the past week. While the demand was not heavy the supply was light in roses and carnations. The demand for short roses was heavier, in proportion, than for special stock. On December 11, No. 2 roses wholesaled for \$3 and \$4 per 100; No. 1 for \$6 per 100. Special stock ran from \$8 to \$15 per 100, with selected red stock going as high as \$40 and \$50. On December 11, carnations wholesaled for \$5 and \$6 per 100, with some fancy stock going at \$8. There was no unusual movement in violets, 75 cents per 100 being an average price for good stock. The orchids, which have been scarce and high for some time, are now in crop and prices have fallen. C. Trianae and C. Percivaliana are now arriving in quantity. There is no longer any fear of a scarcity of lily of the valley; the supply is abundant and prices are normal. There are plenty of lilies to supply the demand, and the same may be said of sweet peas. The supply of gardenias is light and prices remain firm. We yet believe that there will be a very fair supply of flowers for the Christmas trade, though carnations in some localities seem to be a little off. However, there is nothing in the situation, so far as we can learn, to warrant that ancient and hoary breed of picklers to take to their dark rooms or cellars, and begin to mix medicine—or pickle. Neither is it a good time to try to jump prices to prohibitive figures, for there is a good supply of plants in sight. We have heard and read much about the educative influence of flower shows on the public. The public is getting educated good and plenty, and in more than one way. There is a considerable portion of the public that does not have to be hit on the head with a brick to have an idea penetrate. When they go to shows and see flowers in great abundance, and then want to buy some for Christmas, and then find that the price has gone up from 500 to 1,000 per cent, then they get sore and some of them get fighting mad.

December 13.—A fall of snow in the early morning hours turned to pouring rain and travel is very disagreeable. Prices remain firm and the supply of stock continues light. With a continuance of dark weather, the outlook for cut flowers will not be reassuring.

NOTES.

The Grand Central Palace, the scene of several successful flower shows, staged a poultry and pet stock show during the past week. We suppose that this may be classed with the "allied

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

trades," as our friends, the seedsmen, are interested in poultry and some of them, notably the Albert Dickinson Co. and Stumpp & Walter Co., had exhibits. The parrots, canaries and other birds and the aquariums were of interest to florists. The Harrison Nurseries, Berlin, Md., had a carload of nursery stock on exhibition and for sale. Lady Eglantine, the famous hen that laid 314 eggs in a year, was on exhibition. In fact, we believe that for the past week, New Yorkers have taken more interest in Lady Eglantine than in "Hen-ery" Ford and his peace party.

Alfred Kottmiller, the retailer of 426 Madison avenue, and the Vanderbilt hotel, has been very busy throughout the autumn and is now making extensive preparations for the Christmas business, which he feels sure is coming. He started a few years ago in a small way and has been so successful that he took a larger store. His work in designs and table decorations has won a number of first prizes in the shows that have been held in this city and he is well entitled to be called a leading florist. In Mrs. Kottmiller he has a faithful aid and counsellor.

C. A. Ladiges, the retailer of Amsterdam avenue, recently received a cablegram announcing the death, in Hamburg, Germany, of his father, J. H. Ladiges, at the advanced age of 92 years. The elder Ladiges was in this country in 1849, being one of the noted band of "49ers" who went to California during the excitement incident to the discovery of gold. He made a competence and returned to Hamburg, where he has since lived in retirement.

Joseph Trepel, who has six retail stores in Brooklyn, is sending to his customers a handsome indexed telephone guide for ready reference. On the first leaf there is a picture of his little daughter at the telephone, and she says: "For flowers, phone to Daddy, please." We have received an invitation to the annual ball of his employes, to be held at Arion hall, Arion Place, Brooklyn, on the evening of January 16, 1916.

In the show window of Thos. F. Galvin, Inc., Fifth avenue and 46th street, there is a model in silver of an old-time sailing ship, the value of which is said to be \$2,500. It rests on a pedestal draped with the stars and stripes, which is flanked by a collection of choice cut flowers and plant combinations. The exhibit has been a constant source of interest to the public.

Lest you forget, the old reliable Cut Flower Exchange, fourth floor of the Coogan building, Sixth avenue and 26th street, opens every morning at 6 o'clock. Manager Thomas Jackson has been there for quite a number of



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

years, and there is no record of his failure to ring the bell at 6 a. m.

At the store of Alexander McConnell, Fifth avenue and 49th street, we have recently noticed active preparations for Christmas. This store is always well stocked with the finest of cut flowers, and there is now a great exhibit of fine plants.

At the store of W. A. Blaedel's Sons, 402 West 23d street, we have recently noticed active preparations for Christmas business. This is a finely equipped store, having a conservatory well stocked with plants, in the rear.

John Young & Co. are receiving a constant supply of sprays of the fern, Polypodium Mandaianum, from W. A. Manda, South Orange, N. J.; also a new pink carnation, which is meeting with considerable favor.

James Blauvelt, well known in the retail trade of this city, but who has been in Worcester and Springfield, Mass., for several years, is now with C. C. Trepel, in his store at Broadway and 147th street.

J. Sondermann has a good retail store at 413 Tompkins avenue, Brooklyn, with greenhouses at 320 Win-

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 | Madison Square, 34 W. 28th St., New York
 { 1665 | Square,
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

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J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Chrysanthemums,
 Bouvardias, Sweet Peas, Asparagus Plumosus Nanus,
 Smilax and Paper White Narcissus.
Send Your Christmas Orders.
 34 Years Experience in the Florist Business.
Consignments Solicited.

Wholesale Flower Markets

NEW YORK, Dec. 15.	Per 100
Roses, Beauty, special.....	35 00@40 00
extra and fancy.....	25 00@30 00
" No. 1 and No. 2.....	15 00@20 00
Prima Donna, special.....	25 00@30 00
" No. 1.....	10 00@12 00
Alice Stanley.....	4 00@12 00
Francis Scott Key, special.....	12 00
Mrs. Geo. Sawyer.....	3 00@10 00
White Killarney, special.....	8 00@10 00
Killarney, My Maryland.....	8 00
" special.....	3 00@5 00
" No. 1 and No. 2.....	3 00@10 00
" Queca.....	3 00@10 00
" Brilliant.....	3 00@10 00
Aaron Ward.....	3 00@10 00
Richmond.....	3 00@10 00
Sunburst.....	3 00@10 00
Taft.....	3 00@10 00
Milady.....	3 00@10 00
J. L. Mock.....	3 00@10 00
Hadley.....	4 00@20 00
Ophelia.....	3 00@10 00
Mrs. Chas. Russell.....	3 00@12 00
Hoosier Beauty.....	3 00@15 00
Castleya Orchida, special.....	75 00
interior grades.....	20 00@25 00
Cypripedium..... per doz., \$1.50@2.00	
Lilies, Longiflorum and Harriail..	8 00
Lily of the Valley.....	3 00
Carnations.....	4 00@6 00
Bouvardias.....	3 00@5 00
Adiantum Croweanum and	
Hybridum.....	50@ 75
Asparagus Plumosus..... doz. bcha.	2 40@ 3 00
Smilax..... doz. strings.	1 00
Chrysanthem'ns, special, per doz.	1 00@ 3 00
interior gradea per doz.	25@ 75
Gardenia..... per doz.,	4 00@ 6 00
Violeta, single.....	1 00 @1 25
double.....	75@ 1 00
Sweet Peas, orchid flowered.....	1 25@ 1 50
common.....	75@ 1 00
Mignonette..... per doz., 50c@75c	
Pansies, cut.....	75@ 1 00
Narcissus, Paper White.....	2 00@ 2 50
Stevia..... per bunch, 25c	

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Telephone 1813 Main **JOS. LEVY**
BROOKLYN
Cut Flower Market, Inc.
 Floral Design a Specialty
356 FULTON STREET
 BRANCH: **408 Fulton St**
BROOKLYN, N. Y.

throp street. This business is said to be one of the oldest in the florist trade of Brooklyn.
 In addition to a fine variety of roses, including such "best sellers" as Prima Donna, Sunburst, Killarneys, Brilliant and Queen, Guttman and Raynor, Inc., are now receiving fine stock of carnations, yellow daisies, A. Farleyense, violets, lilies and stevia.
 At the wholesale store of Walter F. Sheridan a good stock of cypripedium orchids, Russell, Francis Scott Key, and other roses and a great variety of other good stock is now seen.
 Cardasis Brothers have a good store at Broadway and 181st street, and keep it well stocked with cut flowers and plants. They report an excellent Thanksgiving business.
 Calling recently on Hugo Jahn, 710 Nostrand avenue, Brooklyn, we found him very busy. He has a fine store and keeps it well stocked.

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut { 4422
 { 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETNA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.





A HOLLY WREATH

Red and Green

FOR HOLIDAY CIRCULARS AND ADVERTISING.

Plates for printing this fine Holly Wreath in two colors—green leaves and red berries and ribbon—\$3.00 per set of 2 plates. Larger size, 3 3/4 x 4 inches, \$5.00 per set of 2 plates.

Plate shown here for one color, 1.50. The large size, one color, \$2.70.

Cash with order.

American Florist Co.

440 S. Dearborn St., CHICAGO.

At this season, it would be an omission not to mention the activities of the Kervan Company, dealers in green, 119 West 28th street. Their store is the busiest in the cut flower district. They have the goods, and their store is crowded with customers throughout business hours. Everything in the line of green, holly, hardy ferns, princess pine, mistletoe, spruce and pine boughs and cones and a variety of other stock is on hand in quantity. The front of their building is handsomely decorated with roping, wreaths and stars. While prices are subject to change, holly is now selling at \$4.50 and \$5 per case.

Atwood L. Decosta, referee in bankruptcy for the United States district court, sitting at Newark, N. J., has notified the creditors of Samuel Lum, a bankrupt grower of Chatham, N. J., that the Lord & Burnham Company, greenhouse builders of this city and Irvington, have offered \$14,750 for the range and \$22,500 for the range and land adjoining.

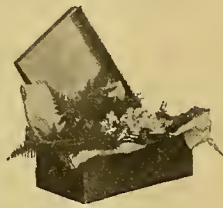
A frequent visitor in the wholesale district is Herman Bowman, proprietor of the White Plains Nurseries, and also of a retail store in the city of White Plains. Outside residents will please note the word "City," for White Plains has recently assumed that dignity, and it's a good American city at that.

At the wholesale store of J. J. Coan, we have recently noticed very fine stock of L. rubrum. Walter Singleman, formerly with the Grovers' Cut Flower Co., is now a clever salesman in this store.

C. A. Ladiges, of Amsterdam avenue and 149th street, has recently been very busy with funeral work. One order filled was a casket cover of violets.

William Hanft, of Young & Nugent's staff, who was recently reported as in

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company

161 Water Street, SANDUSKY, OHIO



FERNS, GREEN GALAX and LEUCOTHOE

Direct from the woods to the dealer. **NEW CROP NOW READY.**
 Dagger and Fancy Ferns...80c per 1000; case of 5,000, \$3.50
 Green Galax50c per 1000; case of 10,000, 4.00
 Bronze Galax50c per 1000; case of 5,000, 2.10
 Green Leucothoe (long).....per 1000, 2.00
 Green Leucothoe (short).....per 1000, 1.00
 Rhododendron Leaves.....per 1000, 50c; per case of 5000, 2.00

ELK GALAX & FERN CO.

TERMS CASH. BANNER ELK, N. C. Goods Guaranteed.



Retail Florists



Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Fall Planting **Thanksgiving**
Fall Announcement **Christmas**

Send us your name and we will put you on our mailing list. Write us for Booklet M.

MCNEFF-SWENSON CO.

High Grade Floral Publicity.
 818-819 Transportation Bldg.
 608 So. Dearborn St., Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1.75 per bag
 Perpetuated Moss.....3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.
EVERGREEN, ALABAMA

XMAS RIBBONS

A splendid Xmas Red Ribbon. (Bolt of 10 yds.)
 No. 7.....\$0.40 No. 22.....\$0.90
 No. 9......50 No. 40.....1.05
 No. 12......65 No. 60.....1.20
 No. 16......75 No. 80.....1.35
 (Sample free—get our special Xmas list of other necessities)

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO

the Presbyterian hospital, has recovered and returned to business.

William Kather, 754 Madison avenue, now has his new store finely fitted up. Noteworthy is his good stock of palms and ferns.

A. F. F.

Bronze and Green GALAX



Prompt Shipment.

\$3.00 and \$3.75 per case.

Best Quality Fresh from First Hands. Big bargain for the holidays. Try a few cases and be convinced.

—Cash with order.—

G. A. HOLDER, Galax, Va.

Mention the American Florist when writing

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green Per 100

20x 4x3, Teles. Cov.....	\$1.60
24x 4x3 "	1.90
18x 5x3 "	1.60
21x 5x3 "	1.90
24x 5x3 1/2, 2-in. Cov.....	2.25
30x 5x3 1/2 "	2.50
21x 8x4 "	2.65
24x 8x4 "	2.90
28x 8x4 "	3.25
28x 8x5 "	3.75
36x 8x5, Teles. Cov.....	5.25
40x 8x5 "	6.75
30x10x5 "	5.25
36x10x5 "	6.75
30x12x6, Telescope.....	7.50
Palm Green Untied.	
36x12x6, Telescope.....	9.00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co

1302-1308 W. Division St., CHICAGO

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.
Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut
STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.
NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL.
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

4 West 28th Street.

To out-of-town florists:

We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.



LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

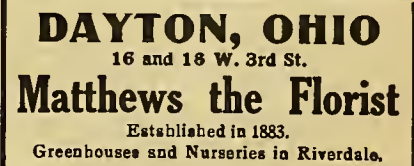
S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing



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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

"HOME GROWN FLOWERS"

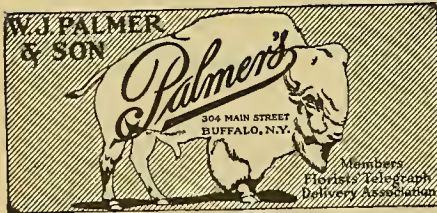
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Cross, Eli, Grand Rapids, Mich.
- Danker, Albany, N. Y.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heinl & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- Kottmiller, New York.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Leborius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldochi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Reuter's, New London, Conn.
- Reuter's, Norwich, Conn.
- Reuter's, Westerly, R. I.
- Rochester Floral Co., Rochester, Minn.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stump, G. E. M., New York.
- Trepel, Joseph, Brooklyn, N. Y.
- Walker Co., The F., Louisville, Ky.
- Whitted Floral Co., Minneapolis, Minn.
- Wittbold, G., Co., 737 Buckingham Pl., Chicago.
- Wolfskill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

WASHINGTON D. C.

Gude's

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Washington, D. C.

Blackstone

14 th and H. Street.

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone No. 1310 Bedford

—Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL
Park Avenue and 34th Street

Kottmiller

Main Phone, Murray Hill, 783
Branch " 1808

426 Madison Ave.
And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Delivers everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

Mention the American Florist when writing

City Index to Retail Florists
Filling Telegraph Orders.

Albany, N. Y.—Danker.
Albany, N. Y.—Eyles, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Cbaas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McMeentens.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
Springfield, Ill.—A. C. Brown.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archibalds Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.

A. Newell
FLORIST

Established over 20 Years.
N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best **Dunlop's**

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



Rochester, N. Y.
J. B. KELLER SONS,
 FLORISTS
 25 Clinton Avenue, N.
 Rochester Phone, 506 Long Dist, Bell Phone 2189
 Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
 1181 E. 71st St.
 The Largest Growers of Flowers in City

Houston, Texas.
Robt C. Kerr
Floral Co.
 Main and McKinney Phone, Preston 160

Toledo, O.
Mrs. J. B. Freeman
 (Successor to Geo. A. Hehl)
 336 Superior St., Toledo, O.
 Both Phones, 527.
 Special attention to Mail and Telegraph Orders.
 Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
Eli Cross
 Orders properly cared for.
 Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.
 200 miles in any direction. DULUTH, MINN.
 We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
 Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

St. Louis, Mo.
 WIRE
Grimm & Gorly

KANSAS CITY, MISSOURI.
Rock's
FLOWERS
 Members Florists' Telegraph Delivery Ass'n

CHICAGO
Mangel
 The Palmer House Florist
 17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist
 1133 O St., LINCOLN, NEB.
 Will fill orders for the West on short notice
 Trade discounts. First-class stock.

GEORGE RYE
 "Some Florist"
 The Plaza, Ft. Smith, Ark
 Springfield, Ill.

A. C. Brown
 217 South Fifth Street
 Springfield, Ill.
 Mail and telegraph orders given prompt attention

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
 Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
 1814 Douglas St., OMAHA, NEB.
 Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas
 Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE OKLAHOMA.
 Members of The Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
 Choice Cut Flowers and Designs on short notice.
 Prompt attention to telegraph and telephone orders.
 Members of The Florists' Telegraph Delivery.

Albany, N. Y.
Danker
 FLORIST
 40 and 42 Maiden Lane.
 N. Y. Phones: 3390 and 3391 Main
 Wedding Decorations,
 Floral Designs,
 Bridal Bouquets a Specialty.
 Member Florists' Telegraph Delivery.

Portland, Maine.
Floral Designs and Choice Cut Flowers
Portland Flower Store
 631 Congress St.

NASHVILLE, TENN.
JOY FLORAL COMPANY
 Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
 Artistic Floral Work and Long Stem Beauties Our Specialty.

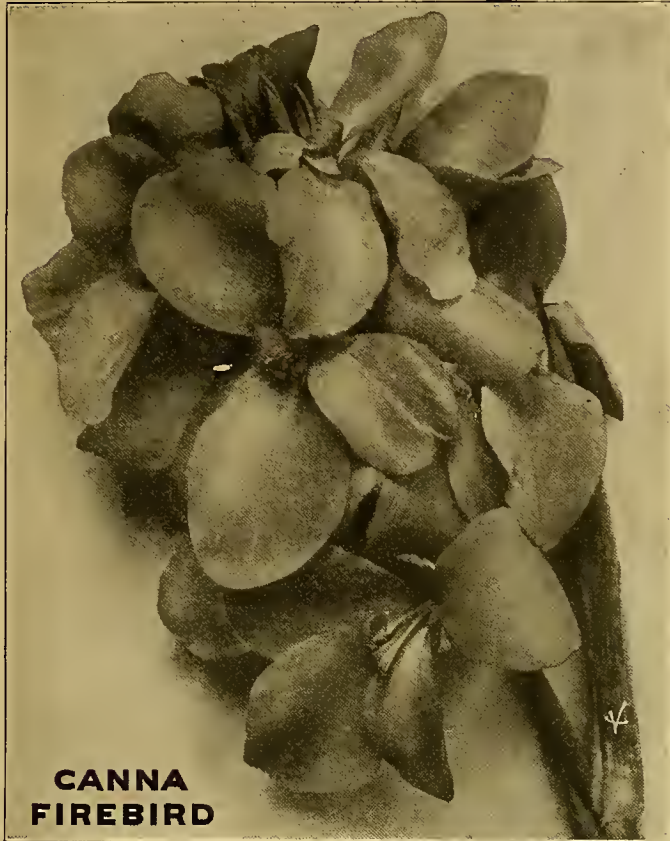
Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
 Cut Flower Merchants.
 We solicit telegraph orders. Regular trade discount
 229 WEST THIRD STREET

Tacoma, Wash.
California Florists
 will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH
 Wholesale and Retail Florist of GRAND RAPIDS
 Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan

Rockford, Ill.
H. W. BUCKBEE.
 Member of The Florists' Telegraph Delivery.
 Mention the American Florist when writing



Canna Firebird

The Best Scarlet, Green-Leaved Canna. A Grand Companion to King Humbert.

We have seen and tested many varieties during the years we have devoted to their culture, and have yet to see the one that can approach it.

Our Rapid Propagation the past two years, brings it now before the public at a moderate price.

You will be asked for it the coming spring.

ORDER ROOTS NOW

and double your stock before planting time.
Per doz., \$2.50; per 100, \$20.00.

Vaughan's Seed Store,
Chicago. New York.

CANNA FIREBIRD

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

H. PLATH

THE FERNERIES

Lawrence and Winnipeq Avenues

SAN FRANCISCO, - CALIF.

PRIMROSES

Per 100 Per 1000

- Obc. Alba, Rosea and Ruby. 2¼ in pot \$1.50 \$10.00
- Obc. Gigantea, 2¼ in. pot ... 2.00 15.00
- Asp. Plumosus, 2¼ in pot.. 1.75 17.00
- Boston Ferns, from beds... 15.00
- Vinca Var., 3½ in. pots, cut back 5.00
- Pansy Plants, giant flowering 2.50

CASH

Jos. H. Cunningham, DELAWARE, OHIO.

POT-GROWN

French Hydrangeas

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches.

4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona

A crested fern of the highest type. Best of all frilled ferns.

2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

P. S. Randolph & Sons

Wholesale Plant Specialists

R. D. 1, VERONA, PA.

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00-per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in. \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer. Thirty-fourth annual convention, June, 1916.

J. C. VAUGHAN, Chicago, who was on the sick list early this week, is at his desk again.

NASHVILLE, TENN.—The Cumberland Seed Co. is now in its new location, 318-320 Second avenue, north.

CANTON, O.—The Holmes-Letherman Seed Company has been incorporated with a capital stock of \$25,000.

MUSKOGEE, OKLA.—The Oklahoma Seed Co. has moved to more commodious quarters at 112 North Main street.

FARGO, N. D.—The Olsen Seed Co.'s establishment was damaged by fire to the extent of about \$5,000, December 5.

CHICAGO.—Prices for grass seed on the Board of Trade, December 15, were as follows: Timothy, \$5.50 to \$7.75 per 100 pounds.

THE 1916 catalogues received this week include those of Oscar H. Will & Co., Bismarck, N. D., and I. N. Simon & Son, Philadelphia, Pa.

W. W. BARNARD, of the W. W. Barnard Co., Chicago who has been seriously ill for some weeks, is now able to leave his bedroom, but is still confined to the hospital.

L. W. WHEELER, of the Pieters-Wheeler Seed Co., Gilroy, Calif., on his regular eastern trip was suddenly called to western New York last week by the death of his father.

BELLEFONTAINE, O.—John F. Dickinson has purchased the interest of his brother, R. P. Dickinson, in the firm of R. P. Dickinson & Co., and is planning to incorporate under the name of the Dickinson Seed Co.

ASTER seed growers in New York state report very disappointing results in thrashing, probably not more than 25 per cent of a crop, mostly due to October weather conditions, which were very unfavorable to harvesting.

A EUROPEAN seed house is making offers under the conditions named below: "We will deliver at the usual time, unless war, blockade, revolution, prohibition of export, riot or civil commotion or force majeure prevent us being able to do so, and in such a case this order, or any unfulfilled part to be canceled and no claim to be made."

Christmas Greens.

Bouquet Green has been a scarce article, both west and east, this week, selling at \$8 to \$10 per 100-pound crate on a market practically bare. Wreathing prices stiffened in sympathy with the price of bulk stock.

Holly trade started in sluggish, with a lot of rubbish in commission hands, light packed and off color. Seedsmen's special packed stock has gone well and the Christmas snowstorm the first of the week helped holiday trade generally.

J. Chas. McCullough's Tarpon Catch.

The photographs reproduced below show a few of the many fish landed by J. Chas. McCullough, of Cincinnati, O., while at Sanibel Island, Fla., the past few weeks. All these fish were landed by Mr. McCullough personally in one day on an ordinary tarpon rod and reel and small No. 24 line. The smallest fish weighed over six pounds while the largest one, the "silver king tarpon", measured six feet three inches and weighed about 140 pounds. It is said to be rare for one to land two of these fish the same day, but this great catch was made November 16 by Mr. McCullough, who was accompanied by A. E. Reynolds, of Crawfordsville, Ind., and Albert McCullough, of Cincinnati, O.



At J. Chas. McCullough's Florida Fishing Camp.

Association of Official Seed Analysts.

A cordial invitation has been extended to the members of the American Seed Trade Association, in behalf of the Association of Official Seed Analysts, through Secretary John P. Helyar, to attend the programme session of the annual meeting to be held at Columbus, O., December 28, 1915, in Townsend hall. The program follows:

Variations Observed in Germination and Purity Tests.—C. P. Smith, Maryland.

Variations in Germination and Purity Tests.—O. A. Stevens, No. Dakota.

Temperature Conditions for the Germination of Certain Flower Seeds.—G. T. Harrington, Washington, D. C.

The Germination of Blue Grass Seed.—J. R. Fryer, Calgary, Alta.

Hard Seed Investigations.—H. D. Hughes, Iowa.

The Effect of Incubation at Cool Temperature upon the Subsequent Germination of Hard Clover Seed.—G. T. Harrington.

Notes on Seed Germination.—W. L. Goss, Washington, D. C.

Some Results of a Critical Study of Alternating Temperatures.—G. T. Harrington.

An Improved Seed Mixer.—E. D. Eddy, Ottawa.

The Development of Analytical Methods in European Seed Laboratories.—A. L. Stone, Wisconsin.

The West Virginia Law.—H. E. Williams, Com. Agr., West Virginia.

Distinguishing Characteristics of the Seeds of Sudan and Johnson Grass.—W. L. Goss and F. H. Hillman, Washington, D. C.

Imported Low-Grade Crimson Clover and Orchard Grass Seed.—E. Brown, Washington, D. C.

Seed of Four Types of Plants Imported as Rape.—E. Brown and F. H. Hillman.

A Study of Oat Impurities in Iowa.—L. H. Pammel, Iowa.

Spinach Seed.

As the result of the representations made by the state department at Washington, the Dutch government has expressed a willingness to permit the exportation of a certain quantity of round spinach seed on which, as is well known, an embargo had been placed. To obtain the actual permits of exportation, it will be necessary for the Dutch growers to apply to the Dutch minister of agriculture.

Prohibits Importation of Impure Seeds.

Senator Gronna of North Dakota filed on December 7, 1915, a bill (S. 578) "To prohibit the Interstate Shipment of Impure Seeds."

This is identically the same bill filed by Mr. Gronna in the sixty-second congress (February 5, 1913) S. 832 and in the sixty-second congress (April 8, 1913) S. 480, the former being unacted upon, the latter unfavorably reported by the senate committee on agriculture and forestry.

The present bill is thoroughly unwise, impracticable and would if enacted wholly prohibit the shipment in interstate commerce of certain seeds. It applies to all field, vegetable and flower seeds, arbitrarily defining adulterations which no expert can detect, and making all seeds unfit for sale which are under 90 per cent germination.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Mention the American Florist when writing

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSHIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

1000 Specimen Holly Trees

From Holland
For Christmas Decoration
To be Offered at Auction

Write us For Particulars.

The MacNiff Horticultural Company
54 and 56 Vesey Street, New York



Contract Footnotes Not Effective.

That all terms of a proposal, contract or estimate should be referred to or contained in the body of the agreement is the substance of a decision handed down recently by the New York Court of Appeals in the suit brought by B. F. Sturtevent Company against the Fire Proof Film Company. The decision says, in part:

"When a contract between the parties is expressed in clear terms on a letter sheet of office stationery, which also contained at the bottom thereof, and printed in small type, certain conditions and exceptions not otherwise referred to, such conditions and exceptions may not be considered a part of the contract."

Nebraska Corn.

J. C. Robinson, of Waterloo, writes as follows: "Opinions here differ somewhat as to the condition of corn. An occasional farmer seems to think that corn is in pretty good shape, but a field inspection of various crops grown under contract indicates that corn is probably in as backward condition, for the season, as it was ever known to be here. A few farmers are husking, being three to four weeks late in commencing, and even the best fields seem to have a good many green ears. A cold winter would destroy a large portion of the corn for seed purposes. Flint corns are, of course, in better shape. The later varieties of sweet corn are in much the same condition as the dent varieties. Believe there will be a shrinkage of fully 25 per cent in sorting, owing to wet ears, and even then the later varieties of sweet corn will require artificial drying to put them in safe condition."

Los Angeles Seed Trade.

Aggeler & Musser Seed Co. are banking on a much better season than a year ago.

Morris & Snow Seed Co. is well cleaned up in bulbs, reporting a good trade in this line.

Germain Seed & Plant Co. reports big business in bulbs, and a general improvement over last year in all lines.



Extra Long White Spine Cucumber.

790 lbs. of seed per acre.

Largest crop per acre ever grown under irrigation by

Western Seed & Irrigation Co.
FREMONT, - - NEBRASKA

BURPEE'S SEEDS
Philadelphia

Wholesale Price List for Florists
and Market Gardeners

LIMA, O.—E. N. Zetlitz is recovering slowly from his recent illness and is spending his Christmas holidays at Sioux Falls, S. D.

BRUNNINGS

Large Growers and Shippers of
BEANS, PEAS
and
ONION SEED

Correspondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,
Correspondence Solicited. SWEDSBORO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

Mention the American Florist when writing

THE KIMBERLIN SEED CO.

WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence solicited.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomadale Farm.

Bristol, Pa.

Mention the American Florist when writing

Contract Growers Of

- Pepper
- Tomato
- Egg Plant
- Spinach
- Kale
- Turnip
- Okra
- Radish
- Sweet Corn
- Field Corn

Stokes Seed Farms Co., Inc

Moorestown, New Jersey

Mention the American Florist when writing

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Imports at New York.

During the week ending December 11, imports were received as follows: McHutchison & Co., 4 cases trees (Glasgow, Scotland), 4 cases Manetti rose stocks (London, Eng.), 246 cases trees, etc., 40 cases lily of the valley pips, 3 cases roots (Rotterdam, Holland).

Peter Henderson & Co., 70 bbls. seeds (Glasgow, Scotland), 8 cases bulbs (Rotterdam, Holland).

Jacot & Mullen, 50 bbls. grass seed (Glasgow, Scotland).

Nungesser-Dickinson Co., 200 bbls. seed (Glasgow, Scotland).

H. Bayersdorfer & Co., 194 cases immortelles (Marseilles, France).

Pennock-Meehan Co., 12 cases immortelles (Marseilles, France).

Vaughan's Seed Store, 25 bags, 7 bbls. seeds (Rotterdam, Holland), 1 case plants (Liverpool, Eng.).

A. Rolker & Sons, 21 cases plants (Rotterdam, Holland).

MacNiff Hort. Co., 65 cases plants (Rotterdam, Holland).

Yokohama Nursery Co., 4 cases roots (Rotterdam, Holland).

Julius Röhers Co., 5 cases trees, etc. (Rotterdam, Holland).

Weeber & Don, 16 cases bulbs (Rotterdam, Holland).

To order and others, 10 cases immortelles, 36 cases bulbs, 200 bales raffia, 404 bags seed (Marseilles, France), 3 cases plants (Liverpool, Eng.), 26 cases plants, 1,354 packages and cases plants, etc., 245 bags and packages seeds, 22 bbls. seed, 22 cases bulbs, 240 cases roots (Rotterdam, Holland), 200 bbls. and 200 bags seed (Havre, France), 17 cases Manetti stocks (London, Eng.), 7 cases trees, 114 bags seed (London, Eng.).

Asparagus Plumosus Seeds

New crop, fresh, lath-house grown.

5,000 or more seeds	\$1.30 per 1000
20,000 " "	1.20 "
50,000 " "	1.00 "

Delivered free anywhere in the United States upon receipt of remittance.

McHUTCHISON & CO., THE IMPORT HOUSE
17 MURRAY ST. **NEW YORK**

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

GARDEN SEED

Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
and Orange, Conn.

Henry Fish Seed Co.

Bean Growers for the
Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

THE G. HERBERT GOY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

Florists' Money Maker, best Valley at moderate prices. \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

H. N. BRUNS

3032 Madison Street, CHICAGO

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; **TOMATO, LIMA and POLE BEANS**, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Beans Wanted

Quote prices and mail samples, new crop Bean Seed. I pay cash.

Chris. Reuter, New Orleans, La.

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to
OTTO MANN, Leipzig, Saxony, Germany

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.



THE ROSE
Coming-**CHAMP WEILAND**-In March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

OWN ROOT

100 plants for.....	\$ 30.00
250 plants for.....	70.00
500 plants for.....	125.00
1000 plants for.....	250.00

Orders filled strictly in the Order as booked.

GRAFTED

100 plants for.....	\$ 35.00
250 plants for.....	82.50
500 plants for.....	150.00
1000 plants for.....	300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

Seedsmen requiring the very best selection

Garden Seeds

(Vegetable and Flower), especially Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

IN proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

HOLLY

Selectper case \$4.00

Holly Wreaths, 10-in., doz., \$1.80

Wreathing, 20 yds.85

IMMORTELES—Red

Doz.....\$3.10. Case of 125 bunches.....\$31.25

RED ROPING

No. 1, 35c; No. 2, 50c; No. 3, 80c per roll

ST. LOUIS SEED CO.

411-413 Washington Ave., ST. LOUIS, MO.

Have just received a small surplus of

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Cold storage GIGANTEUMS always on hand. Write for prices.

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Large Clumps Plump Eyes

New Varieties Per 100

America (Lilac Rose).....\$10.00

Avalanche (Pure White).. 10.00

Philadelphia (Lavender

Pink)..... 10.00

GLADIOLUS

For Midwinter Forcing

Per 1000

Blushing Bride.....\$5.00

The Bride..... 7.00

Peach Blossom 7.50

Mrs. Francis King } Our Own
Augusta } American
America } Grown and
Chicago White } Grading.
Chicago Salmon } WRITE FOR
Panama, Princeps } PRICES.

LILY OF THE VALLEY PIPS

(New Crop, Dutch Grown) 1300-1600 to case.....per 1000, \$14.00

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HARDY LILIES (New Crop)

	Per 100	Per case
Album, 8- 9 inch (170 to case).....	\$ 9.00	\$15.00
Album, 9-11 inch (100 to case).....	14.00	14.00
Auratum, 8- 9 inch (160 to case).....	5.50	8.50
Auratum, 9-11 inch (100 to case).....	8.00	8.00
Rubrum, 8- 9 inch (160 to case).....	5 50	9.25
Rubrum, 9-11 inch (100 to case).....	9.00	9.00
Melpomene, 8- 9 inch (170 to case).....	5.50	9.25
Melpomene, 9-11 inch (100 to case).....	9.00	9.00

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97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
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Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips. Growing Crops Given Personal Attention.

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Sweet Pea and Nasturtium Specialists.

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FLOWER and GARDEN SEEDS

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

LUDINGTON, MICH.—A boys' potato club in Osceola county raised 14,898 bushels of potatoes on five acres of land in 1915.

ONE Chicago grower has been very successful with Brussels chicory, or whitloof, an article which is usually imported from Belgium, but very scarce this year on account of the war. The grower in question is marketing a considerable quantity at 50 cents per pound.

VAUGHAN'S SEED STORE, Chicago, had on inspection last week, from one of the firm's customers, a splendid sample mushroom, measuring five inches in diameter, the crown and stem being of like proportions. The specimen was produced from Pure Culture spawn, Type No. 11, supplied by this firm.

Prices of Indoor Fruits and Vegetables.

Chicago, December 14.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 30 cents; radishes, \$1.00 to \$1.25 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, four baskets, \$1.25 to \$1.65; cucumbers, dozen, \$1.25.

New York, December 14.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.25 per dozen; mushrooms, \$1.40 to \$1.60 per 4-pound basket; tomatoes, 7½ cents to 30 cents per pound; radishes, per 100 bunches, \$1.50 to \$2.50; lettuce, per dozen, 25 cents to \$1.00.

Fumigating Greenhouses.

The proper fumigation of greenhouses has been a problem for many years. If expense did not enter, the matter could be easily solved by using some of the modern nicotine extracts, which certainly do the business with the least danger. We have seen such serious damage done to crops by smoking with tobacco stems, that the one loss exceeded the probable cost of nicotine for ten years; hence, first cost is not always the greatest consideration. There is, however, no question about tobacco stems being efficient, cheap and safe if carefully used. When going around among the growers we find many crude methods in use at this day. We have repeatedly handled this subject in these columns, as it is a most important one, and will stand repeating.

In the first place, much depends upon the stems. They should be fresh, protected against weather and strong air currents and used regularly. A moderate smoke of long duration and frequent repetition will do the work much better and safer than a violent application at long intervals. It is generally best to establish safe formulas for each house or set of houses, and compel employes to adhere strictly to instructions. We have used a

method that is both simple and safe, and not common in practice—namely, the inverted vessel. The principle of this method is slow burning, long duration and a cool smoke. To proceed, we decide upon the size of one container, either a 3-gallon or 5-gallon iron vessel. We pack it full of the fresh stems, and by adding a little oil or excelsior start a fire on top of the stems. As soon as well under way we place vessel upside down at the desired spot and regulate the air supply by propping some piece of iron, stone or crock under one side. It is impossible for the tobacco to blaze, hence, the smoke will be cool and lay low in the house. This is the secret of successful smoking—have the smoke low down to penetrate the foliage masses. A hot smoke upon the roof is wasted and always dangerous to tender plants.

MARKETMAN.

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasia Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spaw

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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Landscape Gardening



PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

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All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

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ALL IN EXCELLENT CONDITION.

5% Discount for Cash with Order.

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	Per 1000
Single Early, Pink	\$4 00
" " White	4 00
" " Red	4 00
" " Yellow	5 00
" " Mixed	3 75
Double Early, Mixed	4 50

Narcissus

Bicolor Victoria, Single Nose	7 00
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Yellow, White and Striped	3 00
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Hyacinths

II Size	Per 1000
Gertrude	\$21 00
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Miniature Red	10 00
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ARAUCARIA EXCELSA.

Begonias Cinninati Lorraine

Well furnished, in full bud and bloom; good foliage, 5 in., doz., \$7.00; 6 in., doz., \$9.00.

CYCLAMEN, assorted, 4-in., large in flower per 100, \$20.00

Araucaria Excelsa, special line,
4-inch, 3 tiers, doz., \$ 5.50
Per 100..... 40.00
5-in., 2 ft., 5 tiers, each, 1.00
Doz..... 10.00
6-in., pots, 2½ ft., 6 tiers,
each, \$1.25; doz..... 14.00

Aucuba Japonica, bushy, well furnished.
Per doz. Per doz.
12-in..... \$3.50 24-in..... \$ 8.00
18-in..... 5.00 30-in 10.00

Crotons, in variety, all bright colors including Readii. 4 in., 35c and 50c.

Dracaenas, in variety, and sizes. **Sanderiana**, **Kellerlana**, **Terminalis**, **Massangeana**, in good color.



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AZALEA PLANTS, in bloom, doz., \$12.00-\$15.00-\$24.00

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Ricard and Poltevine..... 15.00
Buddleia Asiatica, a winter blooming variety every florist should grow, either for cut flowers or as a pot plant.
Rooted Cuttings via parcel post, \$2.50 per 100.
From rose pots at \$5.00 per 100.

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Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

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We still have an extra fine lot of Azaleas at \$1.00, \$1.25 and \$1.50 each. We have a few extra large size, 22 inches across, at \$3.00 and \$3.50 each. Write us for anything you want in blooming plants.

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BOXWOODS--Most Beautiful Stock

Pyramids, 2 ft.....\$1.00 each
Pyramids, 2½ ft..... 1.50 each
Pyramids, 3 ft..... 2.00 each
Pyramids, 3½ ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in..... 35c each

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FANCY HOLIDAY STOCK, PALMS, FERNS, ETC.

Kentia Forsteriana and Kentia Belmoreana Each
2-inch pots, 6-8 inches high.....\$0.15
4-inch pots, 16-18-inch high..... .35
5-inch pots, 22-24 inches high..... .75
6-inch pots, 24 inches high..... 1.00
6-inch pots, 30-in., 5-6 leaves..... 1.25
6-inch pots, 36-in., 6-7 leaves..... 1.50
7-inch pots, 38-40 in., 8-10 leaves.. 2.00
7-inch pots, 44-48 in., 8-10 leaves.. 2.50
8-inch tubs, 50-in., 10-12 leaves .. 3.00
10-in. tubs, 60 in. and Specimen plants, \$5.00 to \$10.00 each.

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Per 100 Per 1000
2-in. **Asparagus Plumosus**...\$2.50 \$22.60
2-in. **Asparagus Sprengeri**.. 2.00 18.00
4-in. **Asparagus Sprengeri** 8.00 75.00
2-in. **Smilax**..... 1.50 15.00
3-in. **Dracaena Indivisa**..... 3.00 25.00
Boxwood, fine bushes, 12-in. .35
Boxwood, fine bushes, 15-in. .50
Boxwood, fine bushes, 18-in. 1.00
Boxwood, fine bushes, 24-in. 1.25
Chrysanthemum Stock Plants—Roman Gold, Chieftain, Nonin, Razer, Chrysolora, Golden Eagle, White Chadwick, Pacific Supreme, Wells' Late Pink.

\$4.00 Per 100.

Send for prices on Araucarias, Aspidistras, Azaleas, Evergreens.

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This strain is the result of 20 years selection and is the finest large early flowering variety.

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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
 Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

GENESE0, N. Y.—Articles of incorporation have been filed by the Samuel Fraser Nursery. The capital stock is \$75,000.

HURON, S. D.—The South Dakota State Horticultural Society will hold its annual convention in this city, January 18-20.

LEWISTOWN, MONT.—M. L. Dean, state horticulturist, estimates that Montana growers have this year marketed 200 cars of apples—from 130,000 to 140,000 boxes—for which they received about \$140,000.

SAN FRANCISCO, CALIF.—The MacRorie-McLaren Co. will plant 25,000 pine and cypress trees in San Mateo county as soon as weather conditions permit, for an eastern capitalist interested in forestry in that section.

LINCOLN, NEB.—Under the leadership of prominent horticulturists the Nebraska State Horticultural Society will make at the mid-winter apple show to be held here January 17-23, a complete exposition of the horticultural resources of the state.

PROVO, UTAH.—The annual convention of the Utah State Horticultural Society will be held in two places this year, the first time in the history of the organization that the programme has been divided. The meeting in this city will be held December 14-15 and at Ogden, December 16-17.

Western Association of Nurserymen.

The twenty-sixth annual meeting of the Western Association of Nurserymen was held at the Coates House, Kansas City, Mo., December 8-9, 1915. Following the reading of the minutes of the last meeting, appointments of committees and other routine business the following officers were elected for the ensuing year: Floyd C. Stark, Louisiana, Mo., president; W. A. Harrison, York, Neb., vice-president; Geo. W. Holsinger, Rosedale, Kan., secretary; E. J. Holman, Leavenworth, Kan., financial secretary and treasurer. The executive committee is composed of the following: Peter Youngers, Geneva, Neb.; D. S. Lake, Shenandoah, Ia.; H. D. Simpson, Vincennes, Ind.; J. H. Skinner, Topeka, Kan., and Geo. H. Johnston, Kansas City, Mo. A resolution was offered providing for honorary membership in the association for those who have distinguished themselves as nurserymen, and those whose fellowship and assistance have promoted the interests of the association. A resolution was also offered proposing the changing of the date of the annual meeting. Reports were made by W. P. Stark on the conference with the seedsmen's convention, the committee on tariff and the committee on trade terms.

The committee on program had enlisted a very able aggregation of lecturers, their papers, the titles of which are as follows, being listened to with much interest: "The Effect of the

Tendency of Eastern Nurserymen to Grade No. 1 Cherry, Plum and Pear, 11/16 instead of 3/4," by J. H. Skinner; "How Can the Wholesale Nurseryman Avoid Loss from So-Called Poor Collections," by Peter Youngers; "Over-Production and the Relation of the Apple Seedling Grower Thereto," by C. W. Carman; "The Policy of Giving Away Nursery Stock at the End of the Season"—Negative, E. H. Balco; affirmative, Geo. Holsinger; "Should the Wholesale and the Retail Nurserymen Confine Their Operations Strictly to Their Respective Spheres?" by J. W. Schuette; "Benefits of the Reorganized American Association and our Relation Thereto," by J. R. Mayhew; "The Influence of the War on Nursery Stock—Can a Better Demand Be Expected After the Conflict Is Over?" by L. C. Stark; "The Benefits of Parcel Post and the Advisability of Requesting an Adoption of Containers That Will Not Damage Stock While in Transit," by Carl Sondereggar; "Ways and Means of Providing the Nurseryman with Reliable Statistics on the Supply of Growing Nursery Stock," by E. J. Holman; "The Condition of the Nursery Business in the East," by Wm. Pitkin; "Maintenance of Wholesale Prices and the Immediate Loss of Business Thereby," by Henry Chase; "Who Are Entitled to Receive Trade Lists and the Effect on Wholesale and Retail Prices When Used Indiscriminately," by J. H. Dayton; "Transportation," by Chase Sizemore; "Is There an Increased Demand for a Higher Class of Ornamentals? Should Ornamentals Be Grown Chiefly by Specialists? Is There Danger of Over-Production in the Ornamental Line?" by Frank Weber; "The Hardy Pecan and Extent of Latitude in Which It May Be Profitably Grown," by W. C. Reed; "The New Oklahoma State Law Pertaining to the Nursery Business," by Jas. Parker. The address of Curtis Nye Smith, counsel for the American Association of Nurserymen, who spoke on the subject, "The State Nursery Stock Laws and Interstate Commerce," was especially interesting and instructive, being right to the point. One thousand copies of this article will be printed and sent to members of the association throughout the United States.

E. J. B.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
 Small, medium and large sizes supplied.
 Price list now ready.

The D. Hill Nursery Co.
 Evergreen Specialists Largest Growers in America
 Box 404, DUNDEE, ILL.

Mention the American Florist when writing

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Write for list.

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Stock Exchange Building, CHICAGO
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For the Best New and Standard

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Peacock Dahlia Farms,
 P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
 West Grove, Penna.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

Amoor River Privet,
 Berberis Thunbergii,
 Well grown and in large supply.

J. T. LOVETT, 'LITTLE SILVER,'
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Field Grown Roses

TWO YEAR DORMANT

Baby Tausendschon	Jonkheer J. L. Mock	Dean Hole
Erna Teschendorf	Mme. Jules Grolez	Mme. Ravary
Kaiserin Augusta Victoria	(Red Kaiserin)	Clotilde Soupert,
Killarney	Farbenkonigen	\$12 00 per 100.
Gen. McArthur	Prince de Bulgarie	

Unless noted, \$15.00 per 100.

CLIMBING ROSES

	Per 100		Per 100
Climbing American Beauty.....	\$17.50	Hiawatha.....	\$12.00
Crimson Rambler.....	12.00	White Dorothy.....	10.00
Excelsa (Red Dorothy Perkins)	12.00		

A full list of all Roses on demand.

The Storrs & Harrison Co., Painesville, Ohio

Kentias, Araucarias, Ferns

and Other Foliage Plants for Christmas

WE HAVE A FINE STOCK READY NOW

KENTIAS.

Kentia Forsteriana, 4 in. pots, 16 in. high, 25c; 6 in. pots, 28-30 in. high, \$1.00; 6 in. pots, 36 in. high, \$1.50; 7-in. pots, 40-42 in. high, \$2.50; 9 in. combination in green tubs, 4½-5 ft. high, \$5.00.

Kentia Belmoreana, 4 in. pots, 16-18 in. high, 35c; 6 in. pots, 22 in. high, \$1.00; 6 in. pots, 24 26 in. high, \$1.25; 6 in. pots, 30 in. high, \$1.50.

ARAUCARIAS.

Araucaria Excelsa, 3 to 4 tiers, 16 to 18 in. high, 60c; 3 to 4 tiers, 22 to 24 in. high, 75c; 26 to 28 in. high, \$1.00.

Araucaria Excelsa Glauca, 6 in. pots, 18 to 20 in. high, \$1.00; 20 to 22 in. high, \$1.25; 28 to 30 in. high, very handsome specimen, \$1.50 to \$2.00.

Araucaria Robusta Compacta, 7 in. pots, 2½ to 3 ft. high, \$2.00.

Livistona Rotundiflora.

A Fan Palm, 4 in. pots, 30c; 5 in. pots, 40c.

FERNS.

Our ferns are all pot-grown during the summer, making a fern sturdy and well shaped. We have three large houses full. **Boston Ferns**, 6 in. pots, 40 to 50c; 7 in. pots, 75c; 8 in., \$1.00. **Scottii Ferns**, 6 in. pots, 50c; 7 in. pots, 60c to 75c. **Whitmani Compacta**, large plants, 7 in., 75c. **Teddy, Jr.**, 7 in. azalea pots, 75c.

Dracaena Terminalis, 5 in. pots, 50c; 5½ in. pots, 60c, well colored. **Dracaena Fragrans**, 6 in. pots, large plants, 75c.

Pandanus Veitchii, 5½ in. pots, 75c.

Aspidistra, green-leaved, 6 in. pots, \$1.00.

We also have a fine lot of **Azaleas** and **Hydrangeas**, both Otaksa and French varieties, for Easter forcing. Write for prices.

GODFREY ASCHMANN, 1012 West Ontario Street, Philadelphia, Pa.

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American Florist Co., Chicago,
Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the American Florist Co.'s Trade Directory. I haven't one. Send me a copy.

Yours truly,
JOHN WATSON.
Newark, N. Y., Oct. 8, 1915.

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is pleased to welcome visitors.

Rooted cuttings, \$12.00 per 100: \$100.00 per 1000.

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NORTH ABINGTON, MASS.

Roses

On Canina Stocks

Write for Prices

Ask for the new Polyantha **MARY BRUNI**

Royal Nurseries
GRATAMA BROS. & CO.
HOOGVEEN (HOLLAND).

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Some Excellent Stock

Liberal extras for early orders. Special prices.

Size of pots.	100	1000
2¼-in. Asparagus Plumosus.....	\$2.50	\$22.50
4 -in. Asparagus Plumosus.....	7.50	70.00
2½-in. Asparagus Sprengeri.....	2.50	22.50
4 -in. Asparagus Sprengeri.....	6.50	60.00
2½-in. Begonia, Flowering, 12 kinds..	5.50	50.00
4 -in. Chinese Primroses.....	7.50	70.00
2¼-in. Cinerarias. Choice mixed.....	2.50	22.50
2¼-in. Coleus. 15 varieties.....	2.50	22.50
3 -in. Cyclamen. Fine plants.....	7.50	70.00
2¼-in. Double Petunias.....	2.75	25.00
2¼-in. Primula Obconicas. Choice mixed.....	2.50	22.50
3½-in. Primula Obconicas.....	6.00	55.00
2¼-in. Geraniums. 15 varieties.....	2.25	20.00
3½-in. Stevia. Dwarf or tall.....	7.00	65.00
4 -in. Ferns. Boston, Scottii, Whitmani, Roosevelt, Scholzei.....	20.00	
5-6-7-in. Dracaena Indivisa, \$15.00, \$20.00, \$25.00 per 100.		
Violet Plants. Field grown. Princess of Wales, \$5.00 per 100 \$45.00 per 1000		

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Wholesale Florist, WASHINGTON, N. J.

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Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.
Send for list—We sell to the Trade only.

Jackson & Perkins Company
NEWARK, NEW YORK

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42	4.00
9-in. cedar tub, 4 plants in tub, 42 to 48.....	42 to 48	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy	15.00
17-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	22 to 24-in. high	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	24 to 28 in. high	1.00

Kentia Belmoreana

	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50 30.00
9-in. cedar tub.....	6 to 7.....	48 to 54, very heavy.....	6.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00
9-in. cedar tub.....	6 to 7.....	6 ft., very heavy.....	10.00

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

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A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....	\$3.00 each
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7-inch tubs, 3 plants in a tub, 36 inches high, at.....	\$3.00
8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at.....	3.50
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8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at.....	5.00
9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at.....	6.00
10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at.....	7.50
Asparagus Sprengeri, strong 3-in.....	\$ 5.00 per 100
Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15 00 per 100; strong 5 in. pots.....	25.00 per 100
Dracena Terminalis, strong 5-in. well colored.....	\$7.00 per doz.; 50.00 per 100
Hydrangeas, French sorts, assorted, and Otaksa, pot-grown; 4-in. pot plants, \$15.00 per 100; 5-in. pot plants.....	20.00 per 100
Adiantum Glory of Mordrecht, 4-in. pot plants.....	\$4.00 per doz.; 25.00 per 100
Fern Dish Ferns, all standard varieties.....	100, \$3.00; 1000, \$25.00
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Adiantum Glory Mordrecht, 5-in., very fine.....	\$4.50 per doz.; \$30.00 per 100
Heliotrope, 2¼-in., purple or white.....	\$3.00 per 100
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- Ageratum (6 varieties).
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- Fuchias (10 varieties).
- Lantanas (10 varieties).
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2 inch, \$2.00 per 100; \$18.50 per 1000.
3-inch, 3.60 per 100; 25.00 per 1000.

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Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50; 5000 to 10,000 seeds at \$3.25 per 1000.

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Ampelopsis Veitchii, 1-year-old field plants to pot up, \$1.50 per 100. Heavy 2-year, long tops, \$5 and \$8 per 100. BENJ. CONNELL, Merchantsville, N. J.

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Araucaria Robusta Compacta, 2 to 3 tiers, \$1 each; 3 to 4 tiers, \$1.50, \$2, \$2.50 each. Araucaria excelsa, 3 to 4 tiers, \$1 each; 4 to 5 tiers, \$1.50 each; 5 tiers, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 4-inch, 3 tiers, \$5.50 per doz.; \$40 per 100; 5-inch, 2 ft., 5 tiers, \$1 each; \$10 per doz.; 6-inch, 2½ ft., 6 tiers, \$1.25 each; \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 2½-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2½-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus plumosus, 2-in., \$2.50 per 100; \$22.50 per 1,000; Sprengeri, 2-inch, \$2 per 100; \$18 per 1,000; 4-inch, \$8 per 100; \$75 per 1,000. I. W. Heimly, 205 Sec. Ave., Royersford, Pa.

Asparagus plumosus, 2½-inch, \$2.50 per 100; 3-inch, \$5; made up in pans, \$4.20 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Lutzia, 4-inch, 35c each; \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

ASPARAGUS SPRENGERI, strong 4-in., \$5 per 100; 3-in., \$3.50 per 100. Cash. H. A. COOK, OBERLIN, O.

Asparagus plumosus, 2½-in., \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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AZALEAS.

Amoena, 9-12-in., 75c. Hinodegiri, 10-12 in., 90c. Mollis, red, 12-15-in., 40c; 15-18-in., 60c; yellow, 15-18-in., 40c.

All heavy, vigorous stock in fine condition, balled and burlapped. F. O. B. Dundee. Terms cash or references.

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Azaleas, limited supply for Christmas delivery, \$1, \$1.25, \$1.50, \$2, \$2.50, \$3.50, \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

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Per 100 Per 100
2½-inch.....\$12.00 4-inch.....\$35.00
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BEGONIA GLORY OF CINCINNATI.
Per 100 Per 100
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JULIUS ROEBRS CO., Rutherford, N. J.

BEGONIAS—Cincinnati, 2½-in., \$14 per 100; 4-in., \$30 per 100; 5-in., \$50 per 100. MELIOR, 2½-in., \$25 per 100; 4-in., \$50 per 100; 5-in., \$75 per 100. XMAS RED, 2½-in., \$6 per 100; 3-in., \$10 per 100. BRFORDI, 2½-in., \$3 per 100; 3-in., \$6 per 100. PRIMA DONNA, 2½-in., \$3 per 100. SMITHI, 2½-in., \$3 per 100, Chatelaine, 2½-in., \$3.50 per 100; 3-in., \$7 per 100. ERNEST ROBER, Wilmette, Ill.

Begonias, Cincinnati, 3-in., 15c each; 4-in., \$4 per doz.; 5-in., \$8; 6-in., \$9 and \$12 per doz. Lorraine, 4-in., \$3 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Gloire de Chatelaine, Prima Donna and Pätzer Triumph, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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Bouvardia stock plants, dbl. pink and white, 3c. LEVANT COLE, Battle Creek, Mich.

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Hlx Pyramidalis, Holly with red berries, 5 ft., tubbed, \$6 each. Aucuba, with green berries, 1 ft., 60c; 1½ ft., 80c. All heavy vigorous stock in fine condition, balled and burlapped. F. O. B. Dundee. Terms cash or references.

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BOXWOODS.

PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

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Boxwood, bushes, 10 to 12-inch, 25c each; 12-inch, 35c; 15-inch, 60c; 18-inch, \$1. Standard Globes, with short stems, 16 to 18-inch heads, \$4 each; 12 to 18-inch stems, 15-inch crowns, \$2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2½ ft., \$1.50; 3 ft., \$2; 3½ ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roebbs Co., Rutherford, N. J.

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Bulbs, Spireas: America, \$10 per 100; Avalanche, \$10; Philadelphia, \$10. Gladiolus: Blushing Bride, \$5 per 1,000; The Bride, \$7; Peach Blossom, \$7.50; Mrs. F. King, Augusta, America, Chicago White, Chicago Salmon, Panama and Princeps, write for prices. Hardy Lilies: Album, 8-9-inch, 170 to case, \$9 per 100; \$15 ner case; 9-11-inch, 100 to case, \$14 per 100; \$14 per ense. Auratum: 8-9-inch, 160 to case, \$5.50 per 100; \$3.50 per case; 9-11-inch, 100 to case, \$8 per 100; \$8 per case. Rubrum: 8-9-inch, 160 to case, \$5.50 per 100; \$9.25 per case; 9-11-inch, 100 to case, \$9 per 100; \$9 per case. Melpomene, 8-9-inch, 170 to case, \$5.50 per 100; \$9.25 per case; 9-11-inch, 100 to case, \$9 per 100; \$9 per case. Vaughan's Seed Store, Chicago and New York.

Gladioli, N. Y. state grown bulbs. Having a surplus of the following Al varieties, I offer them cheap for cash: Ida Van, per 100, 1st size, \$5; 2nd size, \$4. Pride of Goshen, giant ruffled, 1st size, \$8; 2nd size, \$6. White King, ruffled, fine for forcing and designs, 1st size, \$8; 2nd size, \$6. H. YOEUELL, 533 Cedar street, Syracuse, N. Y.

Bulbs, Giganteum, 7-9-inch, 300 to case, \$50 per 1,000; 8-9-inch, 250 to case, \$70 per 1,000; 8-10-inch, 225 per case, \$80 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia.

Bulbs, Japan grown freesias and L. Formosus, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Large named Hyacinths, 1st size, \$3 per 100. Single and Double Tulips, narcissus on hand. Send for price list of stock on hand. THOMAS COGGER, MELROSE, MASS.

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Canna Firebird, 25 strong roots for \$5. Vaughan's Seed Store, Chicago and New York.

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25 or more at 100 rate, 250 or more at 1,000 rate.		

First class guaranteed cuttings.

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We offer to the trade strong, healthy rooted cuttings grown from selected stock plants for spring delivery of the following varieties: Alice, Good Cheer, \$6 per 100; \$50 per 1,000. White Wonder, Matchless, Perfection, Champion, Herald, Beacon, Gloriosa, Enchantress, \$3 per 100; \$25 per 1,000. GREENWOOD CARNATION CO., North Milwaukee, Wis.

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POMPON STOCK PLANTS.

PETER PAN.

Large double yellow which is always in splendid flower for Thanksgiving. This is the finest of the yellow pompoms.

Price \$1.50 per doz.; \$10 per 100.

WESTERN BEAUTY.

BEST DOUBLE LATE PINK POMPON.

\$1.50 per doz.; \$10 per 100.

EUGENE LANGUELOTT.

Best double yellow pompon for making pot plants for Thanksgiving.

\$1.50 per doz.; \$10 per 100.

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Chrysanthemums, 1916 novelties, novelties for 1915, standard varieties, pompoms, anemones, singles. Prices on application. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Alex. Guttman, stock plants, at \$2 each. Guttman & Raynor, Inc., 101 W. 28th St., New York.

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COLEUS. Brillancy or Xmas Red, 3-inch, \$5 per 100. ERNEST ROBER, Wilmette, Ill.

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Cyclamen Giganteum. Wandsbek type, plants nicely shaped and well budded, ready for immediate shipment; assorted or separate colors: 3 1/2-inch \$ 10.00 per 100
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4-inch, select 20.00 per 100
6-inch, nicely in bloom 50.00 per 100
6-inch, extra select 75.00 per 100
8-inch, exhibition plants 100.00 per 100
All our cyclamen are shipped in paper pots. Cash please.
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CYCLAMEN GIGANTEUM—Wandsbek type—In excellent condition; ready for shift; about 10,000 to go out for immediate delivery; mostly pink, red and Salmon colors of the improved Wandsbek. We need the space, 2 1/2-in., \$4 per 100; 3-in., \$7 per 100; 3-in., extra selected, \$10 per 100; 4-in., \$12.50 per 100; 4-in., extra selected, \$18 per 100; 5-in., \$30 per 100. SEEDLINGS—\$20 per 1,000; \$2.50 per 100; 8 varieties equally divided. ERNEST ROBER, Wilmette, Ill.

Cyclamen, 3-inch mixed colors, \$3 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

CYCLAMEN GIGANTEUM, mostly salmon shades in bud and flower, 4-inch select, well grown plants, at 20c; 4-inch with plenty of flowers and bud, but thin foliage; good for making up at 14c. Cash please. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen persicum giganteum, 4-inch, 5-inch, 6-inch and 7-inch, 20c, 25c, 50c, 75c, \$1, \$1.50, \$2 and \$2.50. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Cyclamen, 8 vars., 2 1/2-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, assorted colors, 4-inch, flower and bud, \$20 per 100. Vaughan's Seed Store, Chicago and New York.

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Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAHLIAS—Rare varieties, something good; no junk at living prices. Seed best grade all classes, 25c per pkt. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

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CHICAGO WHITE. Special strain, 2 1/2-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Boston Yellow, 2 1/2-in., \$5.00 per 100. Cash, please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

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Dracaenas, Massangeana, 5-inch, 75c each. D. Stricta Grandis, 5-inch, \$1 each. D. Amabilis, 6-inch, \$1 and \$1.25 each. D. Terminalis Rosea, 3-inch, \$3 per doz.; 4-inch, 40c each; \$4.50 per doz.; 5-inch, 75c each; \$7.50 per doz. D. Godsefiana, per doz., \$1. D. Baptistil, 6-inch, \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

50,000 extra healthy and large field-grown DRACAENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracaena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Ferns, Adiantum Mordrecht, 4-in., \$4 per doz.; \$25 per 100; 5-in., \$4.50 per doz.; \$30 per 100. Ferns for dishes, standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Nephrolepis Verona, 2-inch, \$8 per 100; \$72 per 1,000; 2 1/2-inch, \$10 per 100; \$90 per 1,000; 3-inch, \$12 per 100; \$100 per 1,000. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

BOSTON FERNS. Bushy established, 4-inch, stock, \$12 per 100. Heavy 5-inch, \$18. Extra fine. WAGNER PARK NURSERY CO., Sidney, Ohio.

Ferns—strong pot-grown, 3-inch, \$5 per 100. Aspidium Tsusimensense, Cyrtomium Falcatum, Pteris Serulata Cristata, Pteris Wilsoni. FLORACROFT GARDENS, Moorestown, N. J.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices for holiday trade. Ferns for dishes, in flats and 2 1/2-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitman, 5-in., 20c; 6-in., 35c; The Geo. Wittbold Co., 737 Buckingham Place, Chicago, Ill.

Ferns, Roosevelt and Whitman, 6-inch, 50c; 7-inch, 75c. Roosevelt and Boston, 10-inch, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, Scotti, Whitman, Roosevelt, Scholzei, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Table ferns, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR BASTERDAY, Nokomis, Ill.

Boston ferns from beds, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns, Joseph Heacock Co., Wyncote, Pa.

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Genistas, 5-in., \$20 per 100. Jackson & Perkins Co., Newark, New York.

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Geraniums, good assortment of standard sorts, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, rooted in silica rock sand, show a better color and grow better. Let me have your order for Nutt, Poitevine, Ricard and La Favorite. \$12.50 per 1,000 cash. JAMES MOSS, Johnsville, Pa.

Geraniums, 15 vars., 2 1/2-in., \$2.25 per 100; \$20 per 1,000. Alonzo Bryan, Washington, N. J.

GERANIUMS.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, Nutt and Grant, well rooted top Cuttings, \$10 per 1,000. Cash. ROSS BROS., Dubois, Pa.

GREENS.

Greens, dagger and fancy ferns, 80c per 1,000; case of 5,000, \$3.50. Green galax, 50c per 1,000; case of 10,000, \$4. Green leucothoe, long, \$2 per 1,000; short, \$1. Rhododendron, leaves, 50c per 1,000; case of 5,000, \$2. Elk Galax & Fern Co., Banner Elk, N. C.

XMAS DECORATIONS.

Selected Box Holly, Holly Wreaths a specialty in large and small quantities. Write your requirements.

DELAWARE EVERGREEN CO., MILTON, DELAWARE.

Holly, select, per case, \$4. Holly wreaths, 10-inch, \$1.80 per doz. Wreathing, 20 yards, 85c. Immortelles, doz., \$3.10; case, 125 bunches, \$31.25. Red roping, No. 1, 35c; No. 2, 50c; No. 3, 80c per roll. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo

Boxwood, 50 lbs., \$7.50. Immortelles, \$4 per doz. Wild Smilax, 50 lbs., \$4.50. Red and green frieze roping, 50c per 60 yards. Wire rings for holly. Wreaths, all sizes. E. G. Gillett, 131 East 3rd st., Cincinnati, Ohio.

Holly, two carloads per day. Write, wire or phone. Xmas trees, selected for form, quality and appearance. Place your order today. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Greens, Vaughan's XXX, holly, bouquet green, green wreathing, hoxwood, laurel, mistletoe, magnolia leaves, Japanese roping, cypress leaves, winter berries, immortelles, rusqua, etc. Vaughan's Seed Store, Chicago and New York.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Bronze and green galax, \$3 and \$3.75 per case. G. A. Holder, Galax, Va.

HELIOTROPE.

Heliotrope, 2-in., \$2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksan, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas, new French, out-door, pot-grown, 6-inch pots: with 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20; 4 branches, \$15. Bouquet Rose, La Lorraine, Mme. E. Mouillere, Mme. Maurice Hamar, Radiant, Jackson & Perkins Co., Newark, New York.

Hydrangeas, French, best varieties, 4-inch, \$20; 5-inch, \$25; 6-in., \$30 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas for forcing. For varieties and prices see advertisement on front cover. Vaughan's Seed Store, Chicago and New York.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.

From Storage.

Lily of the valley from cold storage for Christmas flowering. Brun's Celebrated Chicago Market, \$18 per 1,000; \$9.50 for 500; \$5 for 250. Florists' Money Maker, \$16 per 1,000; \$8.50 for 500; \$2 per 100. H. N. Bruns, 3040 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the valley pips, (new crop, Dutch grown) 1,300-1,600 to case, \$14 per 1,000. Vaughan's Seed Store, Chicago and New York.

MISCELLANEOUS.

Polypodium Mndianum, 6-inch, 75c each; 8-inch, \$1.25 each. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

Coleus, salvia, ageratum, heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

CEDAR, pyramidal red, stocky plants, 4 to 6-in. for lining out, \$20 per 1,000. Cash with order. R. F. Vann, 2023 Wayne St., Columbia, S. C.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

Orchids. Francisco Delgado Q., Bogoto (Chapinero), Colombia.

PALMS.

KENTIA BELMOREANA.

Single Plants.			
	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	..... \$ 0.40
6-inch pots,	6 to 7,	24	..... 1.00
6-inch pots,	6 to 7,	28 to 30	..... 1.50
6-inch pots,	6 to 7,	32 to 34	..... 2.00
7-inch pots,	6 to 7,	36	..... 3.00
8-inch tubs,	6 to 7,	38	..... 3.50
8-inch tubs,	6 to 7,	48	..... 5.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.
6-inch pots, 3 plants in a pot, 24 ins... \$ 1.50
7-inch pots, 3 plants in a pot, 38 ins... 3.50
Specimens, very heavy.....\$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.			
	Leaves.	Inches high.	Each.
6-inch pots,	5 to 6,	28 to 30	..... \$ 1.00
6-inch pots,	6 to 7,	34 to 36	..... 1.50
6-inch pots,	6 to 7,	38 to 42	..... 2.00
6-inch pots,	6 to 7,	44 to 46	..... 2.25
8-inch tubs,	6 to 7,	50 to 54	..... 5.00
8-inch tubs,	6 to 7,	5 ft.	..... 6.00
10-inch tubs,	6 to 7,	5 to 5 1/2 ft.	..... 8.00
10-inch tubs,	6 to 7,	6 to 6 1/2 ft.	..... 10.00

KENTIA FORSTERIANA.

Made-Up Plants.			
	Inches high.	Each.	
7-inch pots, 3 plants in a pot,	28 to 30	.....	\$ 2.00
7-inch pots, 3 plants in a pot,	36 to 38	.....	3.50
7-inch tubs, 4 plants in a tub,	38 to 40	.....	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	.....	3.50
8-inch tubs, 4 plants in a tub,	50	.....	5.00
8-inch tubs, 4 plants in a tub,	56 to 58	.....	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	.....	8.00
12-inch tubs, 4 plants in a tub,	5 to 5 1/2 ft.	.....	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	.....	12.00

Very strong specimens. 15-inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00.

PHOENIX ROEBELII.

	Inches high.	Each.
7-inch pots, 22 ins. high, 30 to 32-in. spread	\$2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	2.50
8-inch tubs, grand specimens	3.50
10-inch tubs, grand specimens	\$5.00 to 7.00

ARECA LUTESCENS.

7-inch pots, 3 plants in a pot.....\$2.00
8-inch tubs, 5 plants in a tub..... 3.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PALMS.

Palms, Kentia Bel., made-up, 8-in., 36-in. tubs, \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, Kentia Forsteriana and Belmoreana: 2-inch, 15c each; 4-inch, 35c; 5-inch, 75c; 6-inch, \$1 to \$1.50; 7-inch, \$2 and \$2.50; 8-inch, \$3; 10-inch, \$5 to \$10. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom, \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

Pansy plants, giant flowering, \$2.50 per 1,000, Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, only large plants, \$2, \$2.50 and \$3 each. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Pandanus Veitchii, 5-inch, 50c; 4-inch, 35c. Poeschlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Christmas Peppers. Geo. A. Kuhl, Pekin, Ill.

PETUNIAS.

Petunias, dbl., mixed colors, 2-in., \$2 per 100; 3-in., \$3 per 100. Named varieties, 2-in., \$3 per 100; 3-in., \$4 per 100. Single mixed colors, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

POINSETTIAS.

Poinsettia pulcherrima, single pots, \$4 and \$5 per doz. Pans from \$1 to \$4 each. Anton Schultheis, College Point, N. Y.

POINSETTIA HEADQUARTERS—3-inch, \$8 per 100; 4-inch, \$12 per 100. ERNEST ROBER, Wilmette, Ill.

Poinsettias, 6-inch, 50c and 75c each; 7-inch, \$1 each; 8-inch, \$1.50 each. Poeschlmann Bros. Co., Morton Grove, Ill.

Poinsettias, 2 1/4-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS.

Primulas, oboconica alba, rosea and Ruby, 2 1/4-in., \$1.50 per 100; \$10 per 1,000. O. Gigantea, 2 1/4-in., \$2 per 100; \$15 per 1,000. Jos. H. Cunningham, Delaware, O.

Primulas, Chinese, 4-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primula oboconica, in bloom, 5-inch, \$3 per doz. Poeschlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

RHODODENDRONS.
Kate Waterer, pink; John Walter, red; Mme. Carvalho, white; Sir Henry Havelock, red; 6-10 buds, 12-18-in., \$1 each; Catawbiense Grandiflora, crimson, purple, scarlet, 10-12 buds, 15-in., \$1 each; Pink Pearl, White Pearl, 6-8 buds, 18-21 in., \$2 each. All heavy, vigorous stock in fine condition, balled and burlapped. F. O. B. Dundee. Terms cash or references.
THE D. HILL NURSERY CO., Inc.,
Box 404, Dundee, Illinois.

ROSES.

Field-grown roses, hardy, firm-wooded, northern-grown stock, with plenty of stored-up vitality. Send for list. Jackson & Perkins Co., Newark, New York.

ROSES.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00 \$15.00
Ellen Paulsen	2.50 18.00
Erna Teschendorf	2.00 15.00
Tausendschon	2.50 18.00
Hermosa	2.00 15.00
Clothilde Souper	2.00 15.00
Flower of Fairfield	2.00 15.00

ERNEST ROBER, WILMETTE, ILL.

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Junkeer, J. L. Mock, Mme. Jules Grolez, Farbenkongen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Souper, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering, December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Forcing grade select field-grown roses: Dorothy Perkins, Hawatha, Crimson Rambler, Magoa Charta, Baby Ramblers, Baby Tausendschon, Erna Teschendorf, \$15 per 100; \$120 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Rose Champ Weiland, own root: 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago, Ill.

Rose Prima Donna, \$15 per 100; \$125 per 1,000. Guttman & Raynor, Inc., 101 W. 25th St., New York.

SEEDS.

WINTER ORCHID—FLOWERING SWEET PEA SEED—I have still some of the best money makers on hand: Mrs. A. A. Skaach, clearest pink, Pink and White Orchid, White Orchid, Orchid Beauty, the clearest dark rose, Salmon, Red and other colors at \$1.75 per oz.; \$6.50 per 4 oz.; \$18, 1 lb. Late Spencer: White, Pink, Lavender, Red, Orange, Bl. Ferry Color, etc., 4 ozs., \$1; 1 lb., \$3. Late Unwin Var. Gladys Unwin, pink; Nora Unwin, white; Frank Dolby, lav.; King Edward 7th, red and many other colors, 4 ozs., 40c; 1 lb., \$1; 5 lbs., \$4, so long as they last. ANT, C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus, 5000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchison & Co., 17 Murray St., New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

SEEDS.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Heribert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, growers for the trade; beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SMILAX.

Smilax, 2-inch, \$1.50; \$15 per 1,000. I. W. Heintz, 205 Sec. Ave., Royersford, Pa.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Alleghany, N. Y.

SPIREA.**SPIREAS.**

Spiraea Gladstone, \$1.50 per dozen; \$10 per 100. Spiraea Queen Alexander, \$1.75 per dozen; \$12 per 100.

ERNEST ROBER, WILMETTE, ILL.

Spiraea clumps: Gladstone, \$1.25 per doz.; \$8 per 100; Floribunda Compacta, \$1 per doz.; \$7.50 per 100; Japonica, \$1 per doz.; \$7 per 100. A. Henderson & Co., 369 River St., Chicago.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Alleghany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Field-grown Vinca Variegata, ready for 5-in. pots, \$5 per 100; ready for 4-in. pots, \$4 per 100; field rooted layers, 90c per 100; \$8 per 1,000. Cash. H. A. COOK, OBERLIN, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca var., 3 1/2-inch, cut back, \$5 per 100. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.**SUPERIOR CARNATION STAPLES.**

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.

38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikotee, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Magic Complete Manures. Chicago Feed & Fertilizer Co., 810 Exchange Ave., Union Stock Yards, Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Pesto Pruning Shears for trees, shrubs, vines, bushes, hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Pilley's combination flue brush and scraper. Pilley Packing & Flue Brush Mfg. Co., 620 S. Third St., St. Louis, Mo.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

Raffin, natural and colored. McHutchison & Co., 17 Murray St., New York.

POTS AND PANS.

Red burned flower pots, hanging baskets, porch boxes and porch pots. Write for catalog. The Logan Pottery Co., Logan, O. Chicago office, 101 S. 5th Ave.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilddn Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

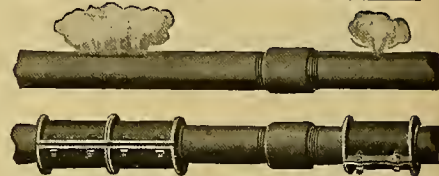
Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

Mention the American Florist when writing



Emergency Pipe Clamps mend splits and rrrst holes in iron pipes quickly, surely and permanently. Booklet free.

M. B. SKINNER & CO.

560 W. Washington St. CHICAGO

Mention the American Florist when writing

Model Extension Carnation Support.

Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed. IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

Mention the American Florist when writing

Everything for the Greenhouse

J. C. MONINGER COMPANY,

CHICAGO CINCINNATI NEW YORK
902 Blackhawk St. Union Central Life Bldg. Marbridge Bldg.

Mention the American Florist when writing

Greenhouse Construction

We design, manufacture and build greenhouses of every style and size. Building material of all kinds.

AMERICAN GREENHOUSE MFG. CO.
1503 Masonic Temple, CHICAGO

"Lost Around the Corner from the Wholesale Flower Market"

Mention the American Florist when writing



After using all other makes, Florists prefer our

PLANT STAND

because it has proven by experience that it is the very best, most practical stand on the market. Enameled green. Made in three sizes to extend to 30, 44 and 56 inches. Price, \$18.00 per dozen.

DETROIT STAND CO.
842 Grandy Ave., Detroit, Mich.

TRADE DIRECTORY

PRICE: \$3.00, Postpaid.

American Florist Company
440 S. Dearborn St., CHICAGO

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.



CAN SHIP ANY SIZE AT ONCE



Telephone or

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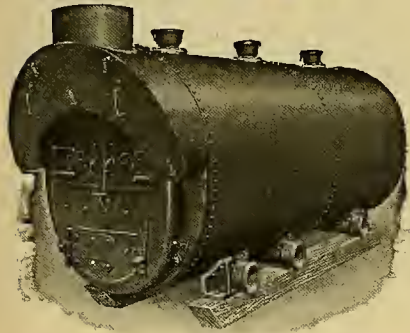
at Our Expense.

KROESCHELL BROS. CO., 452 W. ERIE ST., CHICAGO, ILL.

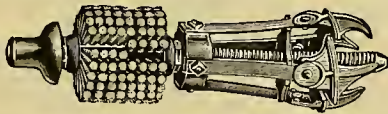
“SUPERIOR”

INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO



Price: \$1.00 per diameter inch.

Pilley Combination Flue Brush and Scraper

By simply turning the rod or handle, the ends contract until it will readily pass into the flue. Then by turning the handle in an opposite direction the cleaner is gradually expanded until it fits the tube perfectly; the brush following leaves the tube absolutely clean.

Pilley Packing and Flue Brush Mfg. Company
620 South Third Street
St. Louis, Mo.

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1866-1915

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WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.**

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GREENHOUSES

All Steel Construction

At Savings of 30-50%

We build any size or any type of greenhouse complete, from our large stocks of beams, angles, channels, “T” iron, etc. We will quote on steel work alone, or will furnish complete, with glazed sash, heating plant, pipe, etc.

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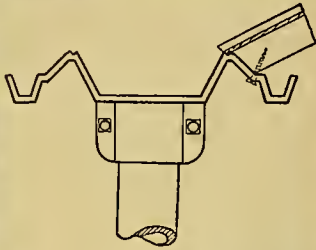
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Index to Advertisers

Table listing various florists and their addresses, including Advance Co The., Alpha Floral Co., American Greenh'ise, etc.

Table listing various florists and their addresses, including Miller & Musser., Moeringer J C Co., Montreal Floral Exchange Ltd., etc.

CUT FLOWER BOXES EDWARDS FOLDING BOX CO MANUFACTURERS PHILADELPHIA, PA.

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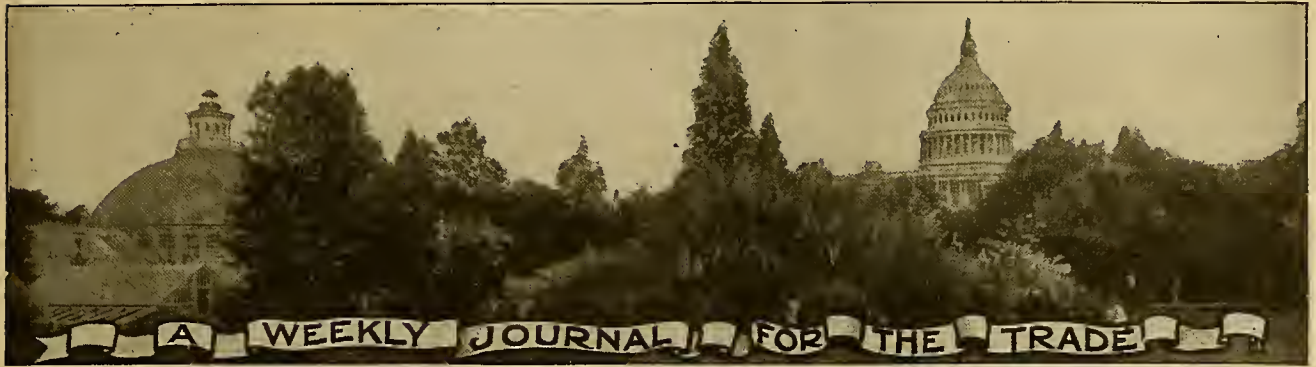
REED & KELLER, 122 W. 25th St., NEW YORK. FLORISTS' SUPPLIES. We manufacture all our Metal Designs, Baskets, Wire Work, and Novelties, and are dealers in Glass-ware, Pottery, Decorative Greens and all Florists' Requisites.

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THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLV.

CHICAGO AND NEW YORK, DECEMBER 25, 1915.

No. 1438

THE AMERICAN FLORIST

ESTABLISHED 1885.

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Entered as Second Class Matter Nov. 11, 1891,
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440 S. Dearborn St., Chicago.

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Address all correspondence, subscriptions, etc. American Florist Co., 440 S. Dearborn St., Chicago.

SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer.

OFFICERS ELECT—DANIEL MACRORIE, San Francisco, Calif., President; ROBERT C. KERR, Houston, Tex., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at Houston, Tex., August, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society of American Florists will be held at Convention hall, Broad street and Allegheny avenue, Philadelphia, Pa., March 25-April 2. For premium list and all other particulars address JOHN YOUNG, 53 West Twenty-eighth street, New York.

AMERICAN DAHLIA SOCIETY.

First annual meeting and exhibition was held at New York, September 24-26, 1915. Officers: RICHARD VINCENT, JR., White Marsh, Md., President; JOSEPH J. LANE, 11 West Thirty-Second Street, New York, Secretary; F. R. AUSTIN, Tuokerton, N. J., Treasurer.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., January 26-27, 1916. JOS. H. HILL, Richmond, Ind., President; J. F. AMMANN, Edwardsville, Ill., Vice-President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Harbor, Me., June, 1916. WILLIAM GRAY, Newport, R. I., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Philadelphia, Pa., November, 1916. WM. KLEINHAINZ, Ogontz, Pa., President; C. W. JOHNSON, 2134 W. 110th Street, Chicago, Secretary

SUGGESTIONS FOR PLANT GROWERS.

Cleaning Up After Christmas.

The Christmas sales will give the plantsman an opportunity to give the houses a thorough overhauling and begin preparations for the Easter stock, and also more room for the plants that are to produce flowers during the winter. The probabilities are that the best plants have been disposed of, and the demand for the balance will slacken up considerably for the next two or three weeks. Any plants that will not be salable in the middle of the next month, especially if they are not of the best quality, had better be thrown away, and not allowed to remain taking up valuable space for a month or more, only to be discarded later. The stock plants should all be selected and preparations for next season's propagation begun. The old favorite Begonia incarnata is still grown by many. The old plants never make good stock for another year, so select enough to produce all the stock wanted, and discard the balance. It will be busy times where many plants are grown, but the quicker and earlier the work is done the better will be the resultant crops. The bulb stock is now ready to be brought in and all the room should be immediately filled up with stock that can be grown into plants that will find ready sale. It sometimes takes courage to throw away plants that look as if they would bring in something, but it is far better to do this, even if a plant is thrown out that might be sold, than to carry along a lot of stock that never turns in a cent to the money drawer.

Poinsettias.

This is a Christmas plant pure and simple. It is to the midwinter holidays what the lily is to Easter and the sale of plants or flowers after the new year is very small and hardly remunerative. The plants that are left should at once be treated for stock plants. It is the custom of some growers to immediately place the pots under a bench and water them no long-

er. It is much better, however, to block them up closely in a warm house and gradually dry them off until the wood ripens and then store them away where they will be kept dry. When the plants are treated by the former method the green wood often dies down more than half the length, but by a slower ripening off many more and much better cuttings can be obtained. They can be laid down on their sides under a carnation bench where they will not receive any water, or if the pots are needed they can be heeled-in in such a location, and here they can remain until April, when they should be started for propagation, using either the old growth or starting the plants into growth and making the cuttings from the young shoots as they break from the old wood. With these it is better to make the cuttings with a heel and in a warm location they root quite easily.

Tulips and Narcissi.

The Dutch bulbs are now in condition to bring into the houses, for they should be well rooted, and will force readily, and from the first of the year on the grower should regulate the culture of these so that there will be a continuous supply. The best way to accomplish this is to have one day in the week which is bulb day, that is, on this day the succeeding lots will be brought from where they are stored and placed in the greenhouses. The demand will, of course, fluctuate to some extent, but by looking back two or three years it will be found that the call for this stock is about in the same proportion every year, and a basis on which to figure about how many pots or boxes should be brought up can be obtained. If it is found that the stock is accumulating at any time, those that are not quite in bloom can be removed to a cooler house and retarded, and those that are almost in bloom, if moved into a shed where it is dark and quite cool, will last in splendid condition for a week or 10 days longer. For the present

it will be necessary to put the pans and pots in a shaded position in order to get the proper length of stem. Those forced early if allowed to stand in a warm house in full sunlight, will open their flowers before they have attained good height, so it is well to place them under a bench or provide a place where they can be kept rather dark for a week. In cutting the flowers endeavor to cut them from the pans or boxes that have been in the houses the longest. A thoughtless man will cut into a box that is just opening and which would be good for a week or more, when there are plenty that could be cut that will not last nearly so long. There is always a great waste in growing bulbs and everything that is possible should be done to prevent it. On bulb day when the fresh lot is put on the bench those that were brought up three or four weeks before and are in full flower will be ready to be thrown out. Any flowers that may be on these boxes, if they are well in bloom, should be cut and placed in water. They will last much longer if cut and kept cool than they will if left on the bulbs in the greenhouses.

Vinca Rosea.

A plant that is often lost sight of by many for summer bedding is *Vinca rosea*, and it makes a most beautiful plant, being covered with flowers all through the summer until frost. The great cause of there not being much stock of these is that the seed is not sown early enough. December or early January is the time to plant the seeds of these plants to have them in fine shape for bedding out in June. Plants started early and grown in a warm house will be in flower at the time of planting and continue a mass of bloom throughout the season. The seed should be sown in flats which should be placed in a house having a temperature 65° to 70°. When the second leaf forms they should be pricked out into other flats about an inch apart and when they have five or six leaves potted in 2-inch pots, later being shifted into the 3-inch size. The soil should be of a sandy nature both in the potting and in the bed, if possible, but they will grow well outside in a heavy loam. They can be had in white, rose pink and pink with white eye, and come very true to color from seed.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

President Wilson's Wedding Flowers.

ORCHIDS AND ROSES FAVORITES.

The floral decorations for the wedding of President Wilson and Mrs. Galt, December 18, are described as being very elaborate. The work was in charge of J. H. Small & Sons, the well known Washington florists. Roses and orchids were extensively employed, the latter being the bride's favorites. The press dispatches describe the work as follows:

"The decorations for the wedding were most effective and artistic. Orchids and American Beauty roses formed the motive of the general scheme, which was planned by Mrs. Galt herself.

"More than 1,200 orchids in six varieties, shading from deep lavender to the palest pink, and ranging from the large *Cattleya Trianae* to the more graceful and delicate sprays of *Dendrobium Phalaenopsis* were used. Besides these there were 10 dozen American Beauty roses and six bunches of Lady Stanley roses, white heather, with a profusion of adiantum, including *A. Farleyense*. A large wedding bower occupied the space about the mantel. A mirror arranged so as to reflect the entire bridal party and framed in orchids was placed in the center of a background of *A. Farleyense* and other ferns, which extended from the ceiling to the floor.

"A shell-shaped canopy of ferns, lined with pearly white heather, was caught at the four corners with sprays of *Dendrobium Phalaenopsis*, *Vanda coerulea*, *Laelia anceps alba*, with sheaves of long-stemmed American Beauty roses and cibotium at the sides of the canopy.

"The white satin prie dieu placed on the white vicuna rug was decorated on both sides with clusters of pink orchids and a large spray of the same orchids was tied at the back of the bower, high above the orchid-framed mirror. The vicuna rug was the gift of the Peruvian government to Miss Jessie Wilson, and was used at both the Wilson White House weddings.

"The second of the salon drawing rooms was also decorated with orchids and *Adiantum Farleyense*.

"The entrance hall and stairway, which, of course, played an important part in this wedding, were decorated with ferns and American Beauty roses. Banks of ferns and American Beauty roses and *Asparagus plumosus* were placed before the large antique mirror, and were twined about it.

"The staircase down which Mrs. Galt came to meet the president, was decorated with ferns, vines and American Beauty roses. Large bouquets of American Beauty roses and ferns decorated the posts. The decorative scheme in the dining room was entirely pink. At one end a mass of pink roses nestled amid a mass of ferns. The old-fashioned buffets, brought from Virginia, were banked with growing ferns and pink roses. The round dining table was decorated with banks of Lady Stanley roses and *Adiantum Farleyense*, at each end of the table.

"The white-frosted, pink orchid trimmed wedding cake formed the center decoration."

Christmas Trees in Germany

BEFORE THE WAR.

During the week preceding Christmas at least \$2,000,000 was spent for Christmas trees in Germany—probably the sum was much more, even double that figure, says the American consul at Nuremberg. In Nuremberg, a city of 360,000 people, 78,000 Christmas trees were offered for sale by 238 dealers, and more than 70,000 of them were sold. This means that practically every household in the city had a Christmas tree. The prices ranged from 12 cents to \$1.25, the average being not less than 35 cents. The people of Nuremberg thus spent for their Christmas trees about \$25,000.

The custom of raising a Christmas tree is universal in Germany. I have never known a German home without one. In every city in the Empire a week before Christmas the public squares are given over to the Christmas-tree markets and become veritable forests of symmetrical little fir and pines which have been cut from near-by forest reserves. About 60 per cent of the population of Germany dwells in cities, and there are thus 8,000,000 or more families who certainly buy Christmas trees at these markets. Twenty-five cents each is a very low estimate for the average price. Nor does the rural population—the dwellers in villages of less than 2,000 population—go without Christmas trees. While to a large extent they go to the neighboring forests and cut their own trees, they may not do so without paying therefor, and the 5,000,000 or 6,000,000 trees needed to supply them do not cost less than 10 to 12 cents each.

Every Christmas tree must also be decorated. Five or ten cents' worth of candles and 25 cents' worth of new gilt balls, artificial snow, etc., is the minimum each year, even when the decorations are saved from year to year. Expenditures for decorations often run into much higher figures, but, taking the lowest figures, \$4,000,000 or \$5,000,000 are spent annually for decorations alone. It is safe to say that Christmas trees and their decorations cost the German people not less than \$6,000,000 to \$7,000,000 every year.



WHITE HOUSE PRIE DIEU.

Decorated by J. H. Small & Sons, Washington, D. C. and New York.



BRIDE'S BOUQUET FOR WHITE HOUSE WEDDING.
By J. H. Small & Sons, Washington, D. C. and New York.

New York Florists' Club Officers.

HENRY WESTON, PRESIDENT.

Henry Weston was born in Enfield, London, Eng., in 1866. He worked for H. B. May, a florist of Edmonton, near London, and came to New York in 1888, and was for a time foreman at the range of W. C. Wilson, Astoria, L. I. For two years he was on the Lorillard estate, Newport, R. I., and later with the late Herman Dreyer, Woodside, L. I. Twenty-two years ago he started in business for himself at Hempstead and now has a range of 85,000 square feet devoted to carnations, sweet peas, chrysanthemums and a variety of other stock. He was president of the Growers' Cut Flower Co. of New York for seven years. He is now president of the school board in the district in which he resides, has served as state grand master of the Shield of Honor, a fraternal insurance organization, and is at present its grand treasurer for the state of New York. He is a member of the Society of American Florists, the Independent Order of Odd Fellows and several other organizations. He is married and has one son.

GEORGE E. M. STUMPP, VICE-PRESIDENT.

George E. M. Stumpp was born in New York City in 1881, the son of George M. and Mrs. Stumpp. His mother is now dead. His father, who for many years was one of the leading florists of the city, retired from business about two years ago. George E. M. received his early education in his native city, later spending two years in Germany with an uncle who was a florist. During his stay in Germany, he spent much of his time mastering the details of his uncle's business, also attending a school, where instructions in horticulture were given. After returning home, being of an adventurous turn of mind, he spent three years in traveling throughout the United States, visiting all the leading cities and working in many leading florist establishments. He eventually returned to New York and joined his father's staff. When his father, as has been noted, retired, he took over the business, located at Fifth avenue and 58th street, New York, and has since continued it with increasing success. He is a natural genius with a wonderful capacity for detail. Many of the artistic and mechanical features of his large store are the work of his own hands. He has a keen sense of humor and can not only put over a joke on "ye scribe," but take one on himself, which is a pleasing treat. He is a member and director of the Horticultural Society of New York; a member and director of the Florists' Telegraph Delivery; a life member of the Society of American Florists and vice-president elect of the New York Florists' Club. He is happily married.

MAX SCHLING, TRUSTEE.

Max Schling was born on the country place of his father, in Bohemia, his father being one of an old family of merchants of Vienna, Austria. He studied sculpture, but on account of weak eyes, he gave it up and took up gardening. He started with the noted botanists, Barone Van Huegel and Daniel Van Hovibrenk. At the age of 16 years, he was placed in charge of a section in which the most valued stove plants were grown. He

also studied at the Horticultural High School in Vienna. He was of an inquiring mind and a talker, traits which yet follow him, and in debating clubs, which he attended, he always chose flowers for his theme. While yet an apprentice, he won prizes for the excellence of his exhibits. He came to America in 1900, and one year later started in business in a small shop. In combinations of bouvardias, pansies, cornflowers and many simple annuals, he made a hit with the public by his sometimes daring color schemes. He deserves much credit for a revival of many of the old fashioned flowers. His business expanded and he has now a fine retail store on 59th street, near the Plaza hotel, New York. It is needless to add that he is an expert landscape gardener.

CHARLES SCHENCK, TRUSTEE.

Charles Schenck was born in New York City and educated in the public schools. In 1887 he began his career as a florist, selling at wholesale. In 1894 he formed a partnership with Frank Traendly, under the firm name of Traendly & Schenck, to carry on a wholesale business. The history and success of this firm is very well known to many in the trade throughout the country. Their business prospered from the start. They handle good stock and are noted for fair dealings. Personally, Charles Schenck is intel-

ligent, industrious, clever and obliging. He is a thirty-second degree Mason and served as a member of the grand lodge of the state of New York. He is a life member of the Society of American Florists; has been a member of the New York Florists' Club for 20 years, and in that time has only missed two meetings. He is married and has two children, the youngest a daughter two weeks old.

ROBERT G. WILSON, TRUSTEE.

Though Robert G. Wilson is a comparatively young man, he has for a number of years been well known in the florists' trade of New York and New Jersey. He has been always interested in growing, quite recently with a brother, in the old Pitcher & Manda range at Short Hills, New Jersey. He is best known through his activities in Brooklyn, N. Y., where he has been located for quite a number of years. He has a fine store and business at 3 Green avenue, near Fulton street, and another store with a considerable glass area at 341 Green avenue. He is a Mason, a Forester and a member of the Society of American Florists. Personally, Mr. Wilson is clever and genial and makes friends. He is married and has two daughters. The other officers, John Young, and Wm. C. Rickards, Jr., are already well known to the trade.

A. F. F.

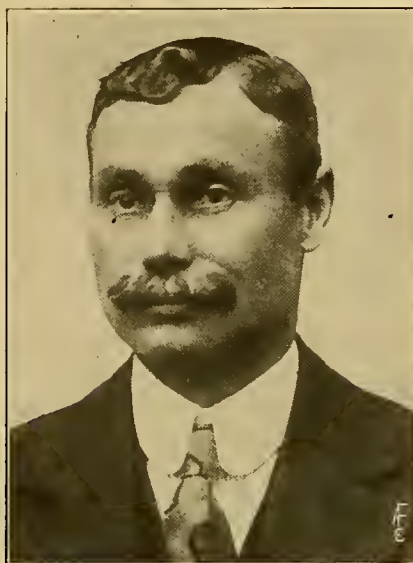


SILVER VASE OF AMERICAN BEAUTY ROSES.

By J. H. Small & Sons, Washington, D. C. and New York.



G. E. M. Stumpff, Vice-President.



Henry Weston, President.



John Young, Secretary.



Chas. Schenck, Trustee.



Max Schling, Trustee.



Wm. C. Rickards, Jr., Treasurer.

NEW YORK FLORISTS' CLUB OFFICERS.

Improving the Lawn.

The improvement of an old lawn is a very much more difficult problem than establishing a new one. In many cases it is impracticable to attempt the improvement of an old lawn that is in bad condition, say the specialists of the United States department of agriculture. However, if a reasonably good turf obtains, it is possible to better it materially by reseeding, fertilizing, and watering.

The management of the lawn after it is once established is an extremely important matter, and there are a few general practices that should be followed carefully. Beginning in the early spring, the first thing to do is to remove with a rake the top dressing that has been applied the fall before. After removing this it is usually advisable to apply some fertilizer, even though the soil is already reasonably fertile. Bone meal is probably the best commercial fertilizer to use on a lawn, considering the danger from the misuse of nitrate of soda. Bone meal can be used without taking any spe-

cial caution in its application, as it is in no way injurious to the grass. Eight pounds to 1,000 square feet is a liberal application. Any commercial fertilizer that is used should be applied early in the spring, when the grass begins to grow.

There are probably more mistakes made in connection with the watering of the lawn than in any other phase of its management. The practice of sprinkling as it is almost universally followed is fundamentally wrong, not that the sprinkler does not furnish enough water to the grass during the season, but that it does not furnish it in properly distributed quantities. Except in rare cases, the lawn should not be watered oftener than two or three times a week, provided watering is done properly. A thorough soaking is necessary and should be given in the late afternoon or early morning. The point to be borne in mind is that the ground should be thoroughly saturated at each application to at least three inches in depth.

There are many weeds that are troublesome in the lawn, not only in

the spring but also in the summer and autumn. Among the most important ones are dandelion, plantain, chickweed, oxeye daisy and yarrow. While chemical sprays are more effective in the eradication of these weeds than in the case of crab-grass, the best method of preventing their development is to remove them with a spud or similar implement.

The weed problem can perhaps best be solved by making the conditions as favorable as possible for the lawn grasses and to maintain a strict watch at all times to check the growth of the troublesome weeds at the beginning.

Farmers' Bulletin 494 on "Lawn Soils and Lawns" may be procured on application to the Secretary of Agriculture, Washington, D. C.

ELIZABETH, N. J.—The Union Square Flower Shop has removed to 807 Elizabeth avenue.

NEWBURYPORT, MASS.—A severe storm December 13 caused considerable damage to greenhouses and stock at the range of E. W. Pearson.

Sibley's Marguerites at Athol, Mass.

The accompanying illustration shows an attractive bed of marguerites and maidenhair ferns planted around a walnut tree, April 19, by Chas. W. Sibley, florist, Athol, Mass. The picture was taken July 4. The bed attracted much attention from auto parties, it being on a road which is a direct line from Boston to North Adams, Mass. Mr. Sibley has recently moved to 133 School street, his new location offering more room.

THE ROSE.

Butte Floral Company's Roses.

The accompanying illustration, reproduced from a photograph taken about November 15 in a section of the rose houses of the Butte Floral Co., Butte, Mont., shows some exceptionally fine plants of Richmond, Killarney, pink and white, Shawyer, Hoosier Beauty and Ophelia. Charles Adams, the rose grower at this establishment, is very much interested in his work and is proud of the fact that he has not a single sick plant on the place. He believes these are the finest lot of plants, and that they are producing the finest flowers in Montana, and he does not believe it possible for stock to do any better than it is doing at this firm's range. The company's retail store was opened in the fall of 1900 and this will be the first year that it will not be necessary to ship in roses for its Christmas trade. It is anticipated that about 7,500 blooms will be cut from 5,000 plants, which will take care of the requirements at that time. Business is reported very good at present, with prospects very bright for the holiday trade.

Rose Prima Donna.

ED. AMERICAN FLORIST:

Reading in your esteemed paper of the controversy over the rose, Prima Donna, at the meeting of the New York Florists' Club, December 13, we trust we will not transgress on your valuable space by answering some of the points made.

In the first place, we wish to say that three years ago we bought a number of plants of Prima Donna that were sold to us and billed to us as Prima Donna. In addition to this, it was advertised all over the west and is so done today as Prima Donna. In our circular which we are sending to the trade, we have printed in addition to Prima Donna the words, Mme. Euler, Guillot, 1908, without knowing from our own experience that Euler and Prima Donna are one and the same.

The strain which we are selling under the name of The Florex Gardens, has been produced after careful selection, experimentation and thorough cultivation, and the success we now have in producing this beautiful rose is by no means the same as it was when we began to grow it. The fact that the judges at the New York Florists' Club gave the exhibitor of Prima Donna a vote of thanks and awarded the rose 87 points of merit, show the value of the rose, with which the name had nothing whatever to do. In addition, we think the name, Prima Donna, is much more attractive to the general public, whom we all want to serve. The French name would have been contorted in all manner of ways. If

the Euler and Prima Donna are one and the same rose, that would be nothing unusual in rose nomenclature. From the action of Wallace R. Pierson, at the meeting of the New York Florists' Club, one would infer that he was strongly opposed to this matter of change in rose nomenclature. Accidentally opening one of the latest catalogues of A. N. Pierson, Inc., we find Prince of Bulgaria advertised as Mrs. Taft and Mme. Ferdinand Jamain listed as American Beauty. No doubt there are many others in the same class.

It is not our intention to exhibit this rose for awards of merit, which, of course, are always acceptable, but it is done to show the grower what this beautiful rose can do. And, it is our intention to exhibit at the meetings during the dark months, as an impression has gone abroad that it will not do well in the winter season. We have never shown the Prima Donna as a "new rose," and if it has been called such in newspaper reports, it was done without our knowledge and authority.

THE FLOREX GARDENS.

Propagating Young Stock.

There are many important things that require prompt attention immediately after the holidays, and one of the most important is the propagating of the young rose stock, either by grafting or cuttings. As most all of the leading forcing roses seem to do far better grafted, it becomes a necessity to do considerable grafting on almost any range, great or small. All of the Killarney strains do well grafted; also Russell, Ward, Ophelia, Arenberg, Richmond and others. Sunburst is a variety that does better on own roots; in fact, it seems to be the only way to handle Sunburst, as it forms a heavy callous at the union that breaks it apart at this point as the Perle des Jardins used to do. We do not mean to state that the above varieties will not do well on own roots, but including the different soils light, heavy and medium, the grafted plants will be found the most satisfactory in every way. If an ideal soil is at hand

any variety that breaks freely at the roots can be grown successfully on own roots, but the soil must be a good stiff clay with a heavy soil (virgin soil) well drained in the solid borders, mixed well with the proper amount of good cow manure and thoroughly composted. If this doesn't produce good roses, look for some other excuse than the soil.

We will not go into many details in reference to the propagating house or grafting case, other than to state that cleanliness counts a good many points in a successful strike; a strongly constructed bench that will hold three inches of medium sharp sand, (bank sand preferred) carefully screened and firmly packed, will be about right. There should be sufficient bottom heat enclosed to bring the sand up to a temperature of 70°. The overhead temperature should be 58° to 60° or about the same temperature of the rose houses. If the house is located so as to be shaded by a wall or another house, no other shading will be necessary; otherwise, one will have to arrange a set of cloth-covered screens in some practical way that will suggest itself according to the requirements of the house.

While these preparations are taking place, we should look over the range carefully and try to decide what to grow for the coming year. Without a doubt there are still too many Killarneys grown, although this grand old rose with its several splendid sports will never be forgotten and the Double White is still the best white we know of at the present time. Ophelia one finds good almost everywhere it is seen growing, which we think means that one should consider the point carefully before increasing their stock of Ophelia, as we fear this variety will be somewhat overgrown. Russell, to those who can grow it successfully, is sure some rose. We must admit, that after seeing perhaps 50,000 of the two reds, Hoosier Beauty and Hadley, that they both lack something as a profitable commercial variety, and the writer has seen them both growing where all other stock was in excellent condition. Some of the growers claim



IRIS STYLOSA.

Exhibited at the Broadway Flower Show, Los Angeles, Calif., by Dean Iris Gardens, Moneta, Calif.

that both varieties produced good summer blooms, yet the call for red roses in summer is rather limited. So to our way of thinking there is still room for a good white rose and a good or better red than what we have to choose from now, one that will truly be an all the year around variety. Prima Donna shows promise, and we hear many nice things about the new rose, Champ Weiland. The color of both these roses is exquisite and one should always give any new variety of merit a trial. We firmly advocate

do well with your neighbor, it may do with you and "vice versa."

Just a few words about grafting preparations. If you have not ordered your manetti stocks, do so at once. Try to get the best stock obtainable—strong English or Irish stocks, about the size of a lead pencil, is preferable. Pot them in a good rose soil, using 2½-inch pots and trim the roots slightly at the tips, place in a cool house under a bench or in a cool shed, and keep them at a temperature of about 40° to 45°, just enough to start the

and allowed to dry thoroughly before placing the sash in position. The sash should fit snugly at the joints; also, at top and bottom, 12 inches of headroom at the lower edge and 16 inches at the back or ridge (if the case is a double one) will be about right. For further details look for our next supplement on propagating. E.

American Rose Society.

EXECUTIVE COMMITTEE MEETING.

The executive committee of the American Rose Society held a meeting in New York City, December 13. It was reported that the rose garden premiums for the Philadelphia flower show, March 25-April 2, had been increased so that the first prize would be \$500 in cash, second prize, \$400 in cash, and third prize, \$300 in cash. H. F. Michell Co., Inc., offers a gold medal for the best vase of 25 cut blooms of American Beauty roses; a gold medal for the best vase of 25 cut blooms Mrs. Charles Russell roses; a gold medal for the best vase of 25 cut blooms of red roses. Special prizes as follows have been received:

A. Doemling, Lansdowne, Pa., \$25.00.
Conard & Jones Co., West Grove, Pa., \$25.00.
C. H. Totty, Madison, N. J., \$25.00.
S. S. Skidelsky & Co., Philadelphia, Pa., \$10.00.
S. J. Reuter & Son, Westerly, R. I., \$25.00.
Lord & Burnham Co., New York, \$25.00.
Harry O. May, Summit, N. J., \$25.00.
Pulverized Manure Co., Chicago, \$25.00.

Kroeschell Bros. Co., Chicago, \$25.00.
Dingee & Conard Co., West Grove, Pa., \$25.00.

These prizes are all at the disposition of the American Rose Society to place where they will be most useful.

Upon motion duly made it was moved that the secretary be directed to notify all affiliated societies that beginning January, 1916, they will be required to pay 25 cents for each member instead of 10 cents as heretofore. The reason for this action is, that the furnishing of medals and annuals as now proposed makes it an



MARGUERITES AND ADIANTUM AT BASE OF TREE JULY 4.

Chas. W. Sibley's, Athol, Mass.

looking into the merits of any new rose; take a trip and see them growing, then plunge if necessary, you are then buying with your eyes open. If this isn't possible, at least send for a few flowers and study the color, form and foliage, stem, etc. A grower with some experience should get a fairly good line on the rose by this means. At the same time owing to certain conditions, the new varieties may prove a disappointment the first season only to prove a winner the second year. I could cite several instances where this has been the experience with the writer. One in particular was Killarney Brilliant. We planted good stock of this rose in June, about the first of the month, in same house with Killarney and White Killarney. By January 1 of the same year the pink and white Killarney were twice the size and blooming profusely, whereas, Brilliant was carrying hardly any foliage, was stunted in growth and was black spotting fearfully. By March 1 they were as fine a lot of plants as one would desire, and from then on they have been equally as good as the other Killarneys, which are unusually strong at this writing. This house had the same soil and same treatment, and there was little or no difference in the size and condition of the plants when housed. So I will repeat—do not be in too great a hurry to condemn or discard a new variety. Shawyer, though condemned by some, is making money for others, as are lots of other varieties. I recently received a letter from a grower, stating that the red rose, Francis Scott Key, paid better than any rose he was growing. The year round again, it is Prince d' Arenberg, and so on along the line. Try them out, give them all a place, and try to do them justice. If it doesn't

slightest root action, which will take two or three weeks.

Spray the tops daily, and see to it that the soil is kept fairly wet in the pots; never on the dry side. While the stocks are coming on a case can be made to hold the grafts. All that is required is a shaded case with sash top fitted as nearly air tight as possible and with inclosed bottom heat so that with a one-inch layer of screened ashes over a layer of moss in the bottom, the temperature can be held at 75° in zero weather. The case should receive a good coating of lime wash



ROSES AT BUTTE FLORAL CO.'S, BUTTE, MONT.

impracticable arrangement when based upon 10 cents for the American Rose Society to carry out.

The committee appointed at the last annual meeting to report upon the standardization of stems of various cut flowers for commercial sale reported progress. The committee was composed of S. S. Pennock, Philadelphia, Pa.; Patrick Welsh, Boston, Mass.; Frank H. Traendly, New York. The arranging of suitable lengths of stem was brought up by Ex-President W. H. Elliott, and from time to time has been requested by commercial florists in various parts of the country. A matter was referred to the executive committee asking if something could not be done in regard to preventing the re-naming of roses different from the name under which they were first disseminated; action was referred to the committee to be presented at the coming annual meeting relative to the same.

There are 114 members of the American Rose Society who stand in good and regular form with the Society of American Florists, and this entitles the president of the American Rose Society, who is S. S. Pennock, of Philadelphia, Pa., to membership on the board of directors of the S. A. F. for 1916.

DEPARTMENT OF PLANT REGISTRATION.

The following roses were registered by A. N. Pierson, Inc., Cromwell, Conn., and publication of the same directed according to the rules and regulations of the S. A. F.:

Mrs. Wm. R. Hearst—A sport from My Maryland with the same productive habit of growth and freedom of flowering. In color, a clear, dark pink, a shade resembling Bridesmaid, and a decided improvement on the parent.

Red Radiance—A sport from Radiance. Similar in habit and growth, but a clear, even shade of red in color and of equal merit to its parent as a forcing and garden rose.

Little Sunshine—Seedling from *Rosa multiflora nana x Soleil d'Or*. Color, creamy yellow varying to deep golden yellow occasionally flecked or splashed with crimson. Double flowers one and one-half to two inches in diameter, carried in large panicles throughout the season. Habit, dwarf, spreading and vigorous similar to *Multiflora nana*. Very hardy and valuable for garden planting, but of special value for pot culture. BENJAMIN HAMMOND, Sec'y.

Postal Receipts Show Improvement.

Marked improvement in business conditions is reflected in the November revenues of the 50 largest post offices of the country, producing approximately half of all the postal receipts. Postmaster General Burleson announced this December 5 in a statement showing an increase of \$2,033,138 or 17.96 per cent. for those offices over November a year ago.

Total receipts of the 50 cities were \$13,349,459 in November this year.

New York, with \$2,836,761, led the list, showing \$525,691 more revenue than November, 1914, an increase of 22.74 per cent, against a decrease of 8.19 per cent in November last year from November, 1913.

Chicago was second, with \$2,407,618, an increase of \$443,812, or 22.60 per cent, compared with a decrease of 12.34 per cent last year.—Chicago Tribune, December 6, 1915.

Los Angeles.

CLUB MEETING.

The monthly meeting of the Los Angeles County Horticultural Society was held December 7, and following the preliminary business, the nomination of officers was held, resulting as follows: W. W. Folgate, president; James Taylor and Jacob Dieterich, for vice-president; Hal S. Kruckeberg, for secretary; Mrs. Miller and Jas. MacGillivray, for treasurer. Henry W. Turner, R. M. Teague, H. L. McMinn and Sydney Batho were proposed for membership and favorably acted upon. Upon motion, duly seconded, the secretary was instructed to request the county horticultural commission to make an appropriation for the printing of the paper read at the meeting by P. A. Eduart, county horticultural commissioner, the speaker of the evening, who told in brief of many years of careful study and observation as regards the history of injurious insects, their habits and methods of control. The society desires that this valuable paper be distributed through the society to all interested, nurserymen, seedsmen and florists.

L. P. Edlefsen, who has been studying ways and means to benefit the society and create wider interest in its work, suggested saving the papers presented at the various meetings, having them printed in pamphlet form and distributed gratis to members. The question box and monthly excursions to points of interest nearby, where the wild flora as well as cultivated plants could be studied, were also urged by him. He also recommended that the society buy an acre of ground in Montebello, which is now a center of the florist and nursery industries, and erect a building suitable for the holding of meetings and flower shows, each member to subscribe for shares at \$10 each.

Geo. C. Roeding, prominent in horticultural circles in the west, a resident of Fresno, Calif., was present, and in a short but interesting talk praised the work being done by the society. Henry W. Turner was appointed by the chair to deliver a paper at the next meeting. The secretary was instructed to draft a letter of condolence to be sent to the widow of the late W. Atlee Burpee.

NOTES.

Henry A. Siebrecht, Jr., who has been spending the past two weeks attending to matters concerning the New York state exhibit at the Panama-Pacific exposition, made a flying trip to southern California. While his time was very limited owing to the demands on his time at home, due to the holiday season, he visited several of the local florists and nurserymen, including Henry W. Turner, Howard & Smith and the Busch Gardens. He also visited a number of the private estates, studying California plants and their habits. At the close of the exposition his purpose was to dispose of all plants and shrubs used in the New York state exhibit. The entire collection consisted of 114 varieties of elegant specimens of boxwoods and bay trees, *Kentia* palms and a magnificent group of conservatory plants were sold to Miss Anita Baldwin of Pasadena.

The Newberry-Sherlock Avacado Nursery of Pasadena, reports business good. They have sent out announcements that owing to the steadily increasing demand for the better varieties of avacadoes, some will soon be off the market and the planter will have to take what is left.

Henry W. Turner, of Montebello, anticipates a large holiday trade. His rose propagations, *Prima Donna* and Sep-

tember Morn, are making great strides, both in the east and the west. He has issued an attractive catalogue of the varieties he grows.

Paul J. Howard, well-known landscape architect, has moved into a very attractive office in the Marsh-Strong building, 1521 West Seventh street.

A. E. Hansen, formerly with Theo. Payne, is now with Paul J. Howard, where he is attending to some of the outside business.

The fine catalogue of the Armstrong Nurseries of Ontario, Calif., is just off the press. H. S. K.

OBITUARY.

George Pedrick.

George Pedrick, pioneer florist of Windsor, Ont., died at his late residence in that city, December 16, after an illness of about two months. He was 63 years of age. The deceased was born in Devonshire, Eng., and has been a resident of Canada for 35 years, and for the past 22 years conducted a retail florist establishment near his residence. He was a member of the Detroit Florists' Club, and was well informed in all lines of floriculture. He is survived by his widow, Mrs. Kate Pedrick, and one daughter, Miss Kate Pedrick. The funeral was held December 19, and was attended by a large number of friends, including members of the Independent Order of Foresters, of which the deceased was a member. Many handsome floral tributes, among them a floral emblem sent by the Detroit Florists' Club, accompanied him to his last resting place. J. F. S.

Henry Blume.

Henry Blume, a salesman for P. J. Smith, the wholesaler, 131 West 28th street, New York, died suddenly on the morning of December 20. Acute indigestion is believed to have been the cause of his death. He worked Saturday, December 18, and did not leave the store till 7 p. m. He was born in New York, 42 years ago. At an early age he went to work for the late Adolph Le Madt, on the Bowery, and was with him a number of years. He was for 13 years with V. F. Lichtenhan, who formerly held the concession for selling flowers in the Grand Central station. He had been with P. J. Smith about two years. He was genial and kindly and well liked by his employer and customers. A. F. F.

George C. Beckwith.

The death is announced of George C. Beckwith, the well known horticulturist and head of the firm of G. Beckwith & Son, Hoddesdon, Herts, Eng., at his home, Roydon Lodge, Roydon, Essex, November 30.

MARSHALL, MINN.—The Windmill Floral Co. of Mankato will open a branch store in this city.

HARTFORD, CONN.—J. A. Brodrib has completed extensive improvements at his store on Windsor avenue.

HOUSTON, TEX.—The Brazos Greenhouses have opened a retail store at Main street and Rusk avenue.

FRESNO, CALIF.—A dainty flower shop, known as Rose Maur, has been opened in this city by Miss Pearson.

BROCKVILLE, ONT.—The Hay Floral & Seed Co. anticipates a heavy holiday demand, with a possible shortage of good stock.

TRINIDAD, COLO.—The Park Floral Co.'s establishment has been leased by W. P. Woolridge, who will take possession January 1.

Potash From Feldspar.

Several new methods of increasing the supply of American potash have recently been brought to the attention of the bureau of foreign and domestic commerce, of the United States department of commerce. One of the most promising of these efforts to find a substitute for German fertilizers is a patent taken out a few weeks ago by a Canadian for a method of using the potash in ordinary feldspar.

The process is a simple one, consisting of heating the feldspar with limestone and iron oxide at a temperature of about 2,200 degrees Fahrenheit, which produces a partly fused mass that is easily decomposed by a weak acid. From this product the potash salts can readily be extracted for further purification. The inventor has been in consultation with Dr. Norton, the expert who has been looking after the potash and dyestuff situations for the bureau of foreign and domestic commerce, and it seems very possible that a greatly simplified method of transforming feldspar into fertilizer will soon be available.

A practical try-out for another method of obtaining potash fertilizer will soon take place at a New Orleans distillery, where molasses is used in large quantities. It is a fact that 106 tons of potash are wasted daily by the 25 or more distilleries in this country that subject molasses to processes of fermentation. The New Orleans company is planning to install the process of saving the potash in distillery waste recently brought to the attention of the public by the bureau of foreign and domestic commerce. It should be possible to make fertilizer from this otherwise worthless material at a price that will meet competition even after the war is over.

American Preservatives Not Necessary.

Fruits and vegetables can be kept indefinitely if they are sterilized by heat and properly sealed, and there is no excuse, in the opinion of the experts of the United States department of agriculture, for running any risk by using preserving powders, which may be injurious to health. The use of such powders in addition to the possible injury to health encourages uncleanly or careless work in canning. Reliance is placed in the efficacy of the preserving compound instead of upon cleanliness and heat.

The department has issued bulletins that give specific directions for the preserving and canning of fruits and vegetables without the use of preserving powders or canning compounds. These bulletins may be obtained without cost from the department of agriculture, Washington, D. C. Application should be made for Farmers' Bulletin, No. 203 on canned fruit, preserves, and jellies, and No. 521 on canning tomatoes at home and in club work. Also Forms N. R. 22, N. R. 23, N. R. 24, N. R. 34 and N. R. 37, of the Office of Extension Work, North and West, States Relations Service.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]
 Newark, N. J., December 26, 3 p. m.—Weld, Obst and Garten bau Verein, 15 Newark street. Peter Caille, secretary, 111 Avon avenue, Newark.
 Providence, R. I., December 27, 8 p. m.—Florists' and Gardeners' Club of Rhode Island, 98 Westminster street. Wm. E. Chappell, secretary, 333 Branch avenue, Providence.
 Newport, R. I., December 28, 8 P. M.—Newport Horticultural Society, Music hall, Thames street. Wm. Gray, secretary, Bellevue avenue, Newport.

Wholesale Plant Prices at New York December 15, 1915.

		FOLIAGE PLANTS.			
Variety.	Size.	Height.	Each.	Dozen.	Per 100.
Araucaria Excelsa	4	3 tiers	\$.40	\$4.80	\$37.50
"	5½	3 to 4 tiers	.75	6.00 to 9.00	50.00
"	6	4 tiers	.75 to 1.00	9.00	75.00
"	7	5 tiers	1.00 to 2.50		
"	8		.75 to 2.00		
Arca Lutescens	4		.35	(Held to grow on)	25.00
"	5		.50		
"	6		.75 to 1.00	6.00 to 9.00	
"	7		1.25 to 1.50		
"	8	42 in.	2.00 to 2.50		
"	9	hushy	3.00 to 5.00		
Asparagus Plumosus	2½		.03		\$4.00
"	3		.05		6.00
"	4				10.00 to 15.00
"	5				15.00 to 20.00
"	6		.35 to .50		
Asparagus Sprengeri	2				3.00
"	3				6.00
"	4				15.00
"	6				20.00
Cocca Weddeliana	2½		.15	2.00	
"	5		1.50		
"	7		2.00		
Crotons	4		.35		30.00
"	5		.35 to .50		50.00-75.00-100.00
"	6		1.00 to 2.00	12.00 to 24.00	
Cycas Revoluta	2		20.00 up		
Dracaena Fragrans	4		.25	(usually to grow on)	25.00
"	5		.75 to 1.00		
"	6		1.00 to 1.50		
"	8		2.00 to 3.00		
"	10		5.00 to 7.50		
"	5		.75		
"	6		1.00 to 1.25		
"	4		.25		
"	3				15.00
"	6		1.25 to 1.50		
"	3		.10	1.00	
Fern Balls (ready Christmas)	3		.50	scarce	
Ferns for dishes	2½		.08 to .10		4.00
"	3½		.12 to .15		
"	4		.12 to 2.50		
Cyrtomium Falcatum	5		.35 to .50		25.00 to 35.00
Ficus Elastica	8		.50 to .75		30.00 to 40.00
"	6	branched	.75 to 3.00		50.00
"	8	branched	.50 to 1.00		
"	10	branched	1.50 to 3.00		
Ficus Pandurata	7		2.50 to 3.00		
Kentia Belmoreana, for cen.	2½		.10 to .12½		
"	4	12 to 15 in.	.50 to .75	scarce	
"	5	15 to 18 in.	.50 to .75		
"	6	18 to 22 in.	1.00 to 1.50		
"	6	24 to 26 in.	1.00 to 1.25	scarce	
"	7	28 to 30 in.	2.00 to 2.50		
"	8	32 to 34 in.	3.00		
"	8	34 to 36 in.	4.00 to 6.00		
Kentia Forsteriana	4		.35		
"	5		.50 to .75		
"	6		.75 to 1.25		
"	7		1.50 to 2.00		
"	8		2.50 to 4.00	scarce	
"	9		5.00 to 8.00		
"	10		7.00 to 12.50		
Latana Borbonica	5		.50 to .75		
"	6		1.00 to 1.50		
"	8		.25 to .35	6.00	20.00
Nephrolepis Bostoniensis	4		.50 to .75		30.00
"	6		1.00		40.00
"	8		1.25 to 2.00		
"	10		2.00 to 4.00		
Nephrolepis Scottii	4		.25		20.00
"	6		.50	6.00	
"	7		1.00		
"	8		1.00	12.00	
"	12	specimen	2.00 to 3.00		
"	14	specimen	6.00		
Nephrolepis Superbissima	8		1.00		
"	10		5.00		
Nephrolepis Whitmanii	6		.50 to .75		
"	8		1.00 to 2.00		
"	10		2.00 to 3.00		
Pandanus Urticifolius	7		1.00 to 1.50	scarce	
Pandanus Veitchii	4		.35 to .50	6.00	45.00
"	6		1.00 to 1.25	12.00	
"	8		5.00 to 8.00		
Phoenix Canariensis	12		2.00 to 2.50	24.00 to 30.00	
Phoenix Reclinata	10		3.00 to 6.00		
"	12		7.00 to 8.00		
Phoenix Rupicola	8		2.00 to 6.00		
"	10		7.50 to 10.00		
Phoenix Robelenii	4		.50		
"	8-10		3.00 to 5.00		
Livistona Rotundifolia	4		.25	scarce	
"	5		.35 to .50	scarce	
"	6		.75	scarce	
"	7		1.00	scarce	
Livistona Chinensis	8		1.00 to 1.50		
"	10		2.50 to 4.00		
Rhaphia Humilis			.50	per shoot	

FLOWERING PLANTS.

	Each
Aucubas, Berried	\$2.00 to \$5.00
Ardiasias	1.00 to 5.00
Azaleas	.75c to \$4.00; specimens, \$5.00, \$7.50, \$10; pyramids 3.50 to 10.00
Camellias	1.00 to 5.00
Cyclamens	.25c, 35c, 2.00 to 3.50
Ericas	1.50 to 6.00
Poinsettias, Single	.25 to .50
"	1.25 to 2.50
Primulas	.15 to .35
Solanums (Jerusalem Cherries)	.35 to 1.00
Begonias, Gloire de Lorraine	.15 to 2.00
Begonias, Glory of Cincinnati	.50 to 2.00
O. Oranges	1.00 to 7.50

Prices given are for this date only, for A No. 1 stock, delivered in pots at New York stores. A. F. F.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, \$1.00 a year; Canada \$2.00; Europe and Countries in Postal Union, \$2.50. Subscriptions accepted only from those in the trade. When sending us change of address always send the old address at the same time. Advertising rates on application. From the first issue the AMERICAN FLORIST has accepted only trade advertisements. Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday. We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

THIS ISSUE 52 PAGES WITH COVER

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We wish all our patrons A Merry Christmas and increased prosperity during the coming year.

REPORTS of the holiday trade will be gratefully received for publication in next week's issue. Please send them early.

THREE important bulletins issued by the Michigan Agricultural College experiment station, under date of July, 1915, are entitled, "Effect of Temperature on Some of the Most Important Physical Processes in Soils," "How Contact Insecticides Kill," and "Experiments on the Control of the Root-Knot Nematode."

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that, as no objection has been filed, the following registrations become complete: Cannas Lafayette and Wyoming, by Conard & Jones Co., West Grove, Pa.
JOHN YOUNG, Sec'y.

American Carnation Society.

In making up the forms for printing the premium schedule, the printers inadvertently omitted Class 6, section "A." This class calls for vase of 100 blooms, any red or scarlet, to include all varieties generally included in those colors. Same prizes as offered in other classes in Section "A." Special notice will be sent to all members about January 1.

A. F. J. BAUR, Sec'y.

Death Caused By Spraying Solution.

John N. Ledenbach, 66 years old, 1632 Hollywood avenue, Chicago, a laborer, died at his home December 15 of general paresis, which the physicians believe is the result of occupational or industrial poisoning. The Summerdale police say he was employed at the Rosehill cemetery and handled a poisonous solution used to spray plants and shrubs. He had been ill for several weeks.

Business Outlook.

Dun's weekly review of the Chicago trade, published December 18 by R. G. Dun & Co., says: "Favorable conditions in commerce and finance were fully sustained on the week's activities, the approach to the year end being most gratifying in the outlook for the future. With the augmented purchasing power there is not only heavy absorption of supplies of all kinds, but greater freedom in commitments for requirements and stimulation in investment and new enterprise. Expanding payments through the banks again are attested by notable increase over previous years, trading defaults are normal in number and lower as to liabilities, and the discount market has assumed a firmer tone. New demands have lost none of their recent force in the prominent industries, bookings in iron and steel and allied branches entering farther into 1915. Additional specifications and inquiries from the railroads, construction concerns, and other consuming interests promise much further business."

Bradstreet's report published at New York December 18, says: "Sustained activity in a majority of lines with prospects of still greater growth, typifying current trade and industrial conditions. Industrial activity is especially noteworthy, labor is well employed at good wages, collections are good, bank clearings heavily exceed those of this time in 1913, money is in better demand, and railway traffic is heavy."

National Association of Gardeners.

REPORT OF COMMITTEE ON RESOLUTIONS.

Resolved, that a hearty vote of thanks and appreciation from the members of the National Association of Gardeners be tendered to Hon. Mayor James A. Curley, of Boston; Capt. John H. Dillon, chairman of the park commission of Boston; J. K. M. L. Farquhar, president of Massachusetts Horticultural Society, and Patrick Welch, president of Society of

American Florists, for the cordial welcome extended to those attending the annual convention held in that city, December 9-10; also to the following: To the Massachusetts Horticultural Society which so generously provided the facilities within its building for holding the convention.

To the Gardeners' and Florists' Club, and the horticultural interests of Boston, for the excellent repast and entertainment tendered the members.

To the park department and Superintendent James B. Shea, for the automobile trip through the parks of Boston, the Arnold Arboretum and private estates.

To R. & J. Farquhar & Company for the excellent luncheon served to the automobile party at their Dedham Nurseries.

To our local committee on arrangements, W. N. Craig, Duncan Finlayson and William J. Kennedy, which so ably arranged the affairs of the convention.

ARTHUR SMITH,
JOHN CANNING,
P. W. POPP,

Committee on Final Resolutions.

Free Lectures on Horticulture.

The Massachusetts Horticultural Society announces its annual winter course of lectures on horticultural subjects to be given at Horticultural hall, Boston, Mass., at 2 o'clock on Saturday afternoon, during January, February and March. These lectures are free to all and the program is as follows:

January 8—Flowers and Gardens of Japan. Illustrated. By E. H. Wilson, Jamaica Plain.

January 15—Vegetables for Home and Exhibition. By Edwin Jenkins, Lenox.

January 22—Annual meeting Massachusetts Fruit Growers' Association, January 21-22. Addresses on fruit growing, forenoon and afternoon.

January 29—The Missouri Botanical Garden. Illustrated. By Dr. George T. Moore, St. Louis, Mo.

February 5—Alfalfa Culture in New England. By Prof. S. C. Damon, Kingston, R. I.

February 12—The Development of Fruits for Special Conditions. By Prof. W. T. Macoun, Ottawa, Canada.

February 19—Some History of the Grape in the United States. Illustrated. By George C. Husmann, Washington, D. C.

February 26—Garden Writings in America. By Leonard Barron, Garden City, N. Y.

March 4—Practical Demonstration of the Methods used in the Propagation of Plants. By Theophilus D. Hatfield, Wellesley.

March 11—Taming the Wild Blueberry. Illustrated. By Frederick V. Coville, Washington, D. C.

March 18—No Lecture on this date. Spring flower show.

March 25—Sweet Pea Diseases and Their Control. Illustrated. By Prof. J. J. Taubenhuis, Newark, Del. The John Lewis Russell Lecture.

WM. P. RICH, Sec'y.

The End.

There on the darkened deathbed dies the brain That flared three several times in seventy years.

It can not lift the silly hand again, Nor speak, nor sing; it neither sees nor hears. And muffled mourners put it in the ground. And then go home, and in the earth it lies Too dark for vision and too deep for sound,

The million cells that made a good man wise. Yet for a few short years an influence stirs, A sense or wraith or essence of him dead, Which makes insensate things its ministers

To those beloved, his spirit's daily bread. Then that, too, fades; in hook or deed a spark Lingers; then that, too, fades; then all is dark.

—John Masefield.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 28 years of age married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By a young man, single; thoroughly experienced in arranging Christmas baskets, care of plants, designing, etc. Call or write C. K. care Wiator Bros., 162 N. Wabash Ave., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about February or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALEXIS POIRON, Bustleton, Pa.

Situation Wanted—First-class rose and carnation grower to take charge of place or large section. Have had charge of some of the best rose and carnation places in the country. State wages paid and full particulars. Open for immediate engagement. Address SIMON HEEMSKIRK, 1529 Arch St., Philadelphia, Pa.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. Eat preferred. Open for engagement now, or by Jan. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Situation Wanted—Young man seeks situation as foreman or assistant on good private place; can furnish first-class references from Great Britain and America. Has had experience in orchids, roses, carnations, bedding stock, general line of pot plants, fruit under glass, etc. Have been in both commercial and private establishments for the last ten years. Can be well recommended from present place. For references, etc., apply to S. THOMAS, 527 Wood st., W. Lafayette, Ind.

Help Wanted—Have an opening for ambitious and capable young man as assistant in growing cut flowers; \$55.00 per month with chance for advancement. ALOIS FREY, Crown Point, Ind.

Help Wanted—Florist of experience under glass and able to supervise care of grounds. House commercial. Single man preferred; good wages. Write to OXFORD SANITARIUM, Oxford, Ohio.

Help Wanted—Young man who has had experience in greenhouses to learn retail florist business in Chicago. Splendid opportunity for a single man. Good salary to start. Address Key 592, care American Florist.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For Sale or Partner—Small greenhouse on seven acres choice garden soil. All or part to man having small sum of money to invest with his labor. Best location. No opposition. Address DR. F. E. GRAVES, Hinkley, Ill.

For Sale—On most advantageous terms, one of Chicago's oldest established flower shops; now doing \$15,000 business annually; could be greatly increased under progressive management; only small cash payment necessary. For full particulars address PAYNE-JENNINGS COMPANY, 123 W. Madison St., Chicago.

For Sale—Cheap. In Detroit, where life is worth living, my retail florist business, located in a good neighborhood and on the main car lines to 6 of Detroit's cemeteries; there is no competition and am doing a good business. I have other interests that demand my attention. For terms address BARTHEL'S FLOWER SHOP, 1192 Gratiot Ave., Detroit, Mich.

For Sale—Three acres of land near Chicago partly planted to peonies and gladioli, and a small greenhouse 20x50 feet, well stocked with miscellaneous plants. Cottage and barn on premises. Good location for a florist or vegetable grower. \$3,100 takes the place and is a bargain. Terms to suit. For further particulars address Key 591, care American Florist.

For Sale or Rent—Modern greenhouses, 10,000 sq. feet glass, well stocked, plants and cut flowers; good location, fine neighborhood, Milwaukee Co. will sell stock and give favorable lease or sell all on easy terms. Key 585, care American Florist.

Greenhouse For Sale—Moninger houses, modern; 13,000 ft. of glass; steam heat; cheap gas fuel; located in city of 40,000 in Eastern Oklahoma; wholesale and retail business of about \$10,000 a year; established six years. Poor health cause for selling. Entire plant invoices about \$15,000. Will sacrifice. Five thousand dollars, balance terms, will handle it. Plant not for rent or trade. This is a good opportunity. Address Key 589, care American Florist.

FOR SALE.

A Retail Florist Business in the heart of New York City, established 25 years. Fine location, Proprietor has other business to attend to. For particulars address: A. F. F., care of American Florist, 42 West 28th St., New York.

Chicago Park Gardeners' Examination.

The civil service board of the West Chicago park commissioners will hold examination No. 181 for the position of Gardener, Class G, Grade II, at the Garfield park pavilion, December 28, at 9:00 a. m. The position is open to men between the ages of 21 and 50 years. Pay 28 1/2 cents per hour. Applications must be filed in the office of the civil service board in Union park before 5 p. m., December 27, 1915. Application blanks may be had by calling or telephoning (Monroe 5840) the civil service board at Union park.

Subjects: Special subject, weight of 5; experience, weight of 3; physical, weight of 2.

Special Subject: To include a written and oral test on the identification, general care, planting and characteristics of trees, shrubs and perennials.

The duties of gardener include the planting, pruning and general care of trees, shrubs, perennials and outside gardens, and occasional supervision of laborers in related work.

This examination is being held in order to obtain a list of eligibles for filling vacancies in the service for the next two years. There are no vacancies at present.

FRED. G. HEUCHLING, Superintendent of Employment.

OFFICIAL S. A. F. Shipping Labels. Fresh Flowers. Actual size of leaf 2 3/4 x 5 3/4 inches. FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.35; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order. AMERICAN FLORIST CO. 440 S. Dearborn St., CHICAGO.

To Fill the Empty Benches. The Present Demand Is for YOUNG STOCK CARNATIONS CHRYSANTHEMUMS EASTER PLANT STOCK Miscellaneous Bedding Plants ADVERTISE THEM NOW THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

POEHLMAN

72-74 E. Randolph St.,

FOR NEW YEAR PRICE LIST FOR NEW YEAR

American Beauties-Russell-All Other Leading Roses-Carnations
Paper Whites - Mignonette - Stevia - Orchids - Gardenias-And a

FINE LARGE CROP OF FANCY KILLARNEY ROSES

PRICE LIST— IN EFFECT
DECEMBER 26.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$8.00 to \$10.00
36 in.....	6.00
30 in.....	5.00
24 in.....	4.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	4.00
26 to 28-in.....	3.00
22 to 24-in.....	2.00
18 to 20-in.....	1.50
16-in.....	1.00
Short, per 100.....	\$6.00 to \$10.00

Hoosier Beauty

RICHMOND	} Special, Charged accordingly	Per 100
HADLEY		Long... \$18.00 to \$20 00
OPHELIA		Med. .. 12 00 to 15 00
SUNBURST		Short .. 8.00 to 10.00
MILADY		
Kill. Brilliant		

BULGARIA	} Special... Charged accordingly	Per 100
AARON WARD		Long.. \$12.00 to \$15.00
KILLARNEY		Medium, 10.00
WHITE KILLARNEY		Short..... 6.00 to 8.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$3.00 to \$4.00
GEORGE ELGAR, yellow..	per 100, 3.00 to 4.00
FIREFLAME, pink.....	per 100, 4.00 to 10 00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer.....	\$2 00 to \$2.50
Violets, double or single.....	1.50 to 2.00
Mignonette.....	6.00 to 8.00
Stevia.....	2.00
Paper Whites.....	3.00 to 4.00
Smilax,.....doz.	\$2.00
Plumosus and Sprengeri.....	3.00
Adiantum.....	1.00
Galax, green and brown...1000,	\$1.50
Leucothoe.....	.20
Mexican Ivy.....per 1000,	\$6.00
Ferns.....per 1000,	2.50
Boxwood.....per bunch, 25c; box,	\$7.50

ORCHIDS

Market Price

Cattleyas.....	
Gardenias.....	\$6.00
Cypripediums.....	

EASTER LILIES

Per 100.....	\$10.00
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LILY OF THE VAL

Per 100.....	\$3.00, \$4.00
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CARNATIONS

Best Fancy, all colors.	\$8.00
Medium, per 100.....	

WILD SMILAX

Per case.....	
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FOR

New Year Decoration

We have prepared a fine lot of
PINK-WHITE DAZZLING RUSCUS
Iridescent Effect, \$1.50 per lb.

Red Ruscus

Best EE Stock, 75 cents per

Corsage Ribbon—to match all colors of flowers.

Place Your Supply Orders With Us.



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N BROS. CO.

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Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana
Made-up Plants
3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana

Single Plants	Each
4 inch pots, 5 to 6 leaves, 18 in. high	\$0.40
\$4.50 per dozen.	
6-inch pots, 6 to 7 leaves, 24 in. high	1.00
6-inch pots, 6 to 7 leaves, 28 to 30 in. high	1.50
7-inch pots, 6 to 7 leaves, 36 in. high	3.00
8-inch tubs, 6 to 7 leaves, 38 in. high	3.50
8-inch tubs, 6 to 7 leaves, 48 in. high	5.00
8-inch tubs, 6 to 7 leaves, 58 to 60 in. high	7.00

Specimens, \$15.00 to \$50.00.

Kentia Forsteriana

Made-up Plants	Each
7-inch pots, 3 plants in a pot, 28 to 30 in. high	\$2.00
7-inch pots, 3 plants in a pot, 36 to 38 in. high	2.50
7-inch tubs, 4 plants in a tub, 38 to 40 in. high	3.00
8-inch tubs, 4 plants in a tub, 38 to 44 in. high	3.50
8-inch tubs, 4 plants in a tub, 50 in. high	5.00
8-inch tubs, 4 plants in a tub, 56 to 58 in. high	6.00
10-inch tubs, 4 plants in a tub, 5 ft. high	8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft. high	10.00
12-inch tubs, 4 plants in a tub, 6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.

Kentia Forsteriana

Single Plants	Each
6-inch pots, 5 to 6 leaves, 28 to 30 in. high	\$ 1.00
6-inch pots, 6 to 7 leaves, 34 to 36 in. high	1.50
6-inch pots, 6 to 7 leaves, 38 to 42 in. high	2.00
8-inch tubs, 6 to 7 leaves, 50 to 54 in. high	5.00
8-inch tubs, 6 to 7 leaves, 5 ft. high	6.00
10-inch tubs, 6 to 7 leaves, 5 to 5½ ft. high, heavy	8.00
10-inch tubs, 6 to 7 leaves, 6 to 6½ ft. high	10.00

Phoenix Roebelenii

Each
3-inch.....\$3.00 per doz.
5 inch pots.....\$1.00
7-inch pots, 26 in. high, 34 to 36 in. spread..... 2.50
8-inch tubs, grand specimens..... 3.50
10-inch tubs, grand specimens.....\$5.00 to 7.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves..... 1.00
Variegated, 5 inch pots, 10 to 12 leaves..... 1.50

Dracaena Amabilis

6-inch pots.....\$1.00, \$1.25 each

Dracaena Terminalis Rosea

3-inch pots.....\$3.00 per doz.
4-inch pots.....40c each; \$4.50 per doz.
5-inch pots.....75c each; 7.50 per doz.

Dracaena Godseffiana

Per doz.....\$1.00

Dracaena Baptistii

6-inch.....each, \$1.25

Dracaena Messangeana

5 inch.....75c each

Dracaena Stricta Grandis

5-inch.....\$1.00 each

Dieffenbachia Magnifica

Each.....50c, 75c, \$1.00

Areca Lutescens

8-inch tubs, 5 plants in a tub..... 3.00
--

Miscellaneous Plants

ton, Whitmani and Roosevelt Ferns, Pandanus Veitchii, Crotons, Asparagus Plumosus, Araucarias, Etc. Best Obtainable.

ARAUCARIA ROBUSTA COMPACTA

Each.....\$1.00
.....\$1.50, \$2.00 and 2.50

ARAUCARIA EXCELSA

Each.....\$1.00
.....1.50
.....2.00

FERNS

Boston, Roosevelt and Whitmani	Each
.....	\$0.50
.....	.75
.....	2.00

PANDANUS VEITCHII

Each.....\$0.35
......50

CROTONS.

Best varieties, beautifully colored and furnished with leaves to the pot.	Each
.....	\$.50
.....	.75 to 1.00

ASPARGUS PLUMOSUS

.....	\$2.50 per 100
.....	5.00 per 100
.....	\$4.20 per doz.

BEGONIA CININNATI

3-inch pot.....	15 cents each
4-inch pot.....	\$ 4.00 per doz.
5-inch pot.....	8.00 per doz.
6-inch pot.....	\$ 9.00 and 12.00 per doz.

BEGONIA LORRAINE

4-inch pot.....	\$ 3.00 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

TABLE FERNS

Per hundred.....	\$3 50
------------------	--------

PRIMULA OBCONICA

5-inch pot—In bloom.....	per doz., \$3.00
--------------------------	------------------

CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

AZALEAS
Limited Supply.

.....	\$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 and \$5.00 each
-------	--



PANDANUS VEITCHII.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

HEAVY SUPPLY

BEAUTIES--ROSES--CARNATIONS

For New Year--Order Here.

NEW YEAR PRICE LIST—In Effect Dec. 26.

Subject to Change Without Notice.

AMERICAN BEAUTIES.

	Per Doz.
60-inch stems	\$ 7.00
48-inch stems	6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50

White—KILLARNEY—Pink.
KILLARNEY BRILLIANT,
OPHELIA.

	Per 100
Extra Special	\$12.00
Select	10.00
Fancy	8.00
Medium	6.00
Good	5.00

MRS. CHAS. RUSSELL, Per 100
Fancy Stock....\$15.00 to \$30.00

SUNBURST. Per 100

Extra Special	\$12.00
Select	10.00
Fancy	8.00
Medium	6.00
Good	5.00

RICHMOND. Per 100

Extra Special	\$12.00
Select	10.00
Fancy	8.00
Medium	6.00
Good	5.00

Roses, our selection, \$5.00 per 100.

CARNATIONS. Per 100

Red, Extra Special.....	\$6.00
Red, Good	5.00
Enchantress, Extra Special	5.00
Enchantress, Fancy	4.00
Pink, Select	5.00
Pink, Fancy	4.00
White, Select	5.00
White, Fancy	4.00

Miscellaneous.

Lilies, per doz....	\$1.50 to \$2.00
Ferns, per 1,000.....	\$2.50
Smilax, per dozen strings..	2.00
Adiantum, per 100.....	1.00
Galax, per 1,000.....	1.00
Sprengeri, per bunch.....	.50
Asparagus Sprays, bunch..	.50

Other Green Goods Market Rates.

Chicago.

EARLY CHRISTMAS DEMAND IS BRISK.

The early Christmas demand is brisk and business the opening of the present week is very encouraging and everything points to a very satisfactory holiday business. Carnations are in exceptionally brisk demand, but are in short supply and many of the dealers have refused orders for select pink and red at \$8 and \$10 per 100. Red carnations brought as high as \$8 and \$10 per 100 for extra select blooms Monday, December 20, with very little stock available. No one doubts but what carnations will clean up at an early hour, but some of the dealers are inclined to think that roses will be plentiful and that there will be more than enough to go around, but to the writer it seems as if they will clean up also and that before the rush is really over there will be very little stock left in general unless some of the dealers have resorted to pickling and there is no question but what the Christmas business will be at least 25 per cent and even better than that of last year. American Beauty roses are selling well and will probably be in short supply before Christmas. Roses in general are in good demand, especially Mrs. Chas. Russell, Richmond, Milady and Rhea Reid. Sweet peas are somewhat scarce at \$1.50 and \$2 per 100 and violets do not appear to be any too plentiful. The receipts of violets from the east last week were limited, owing to the severe snow storm, but are more plentiful now and are cleaning up rapidly. Red winter berries are scarce, but a large consignment of California holly has relieved the situation somewhat and is a splendid substitute for the stock offered is unusually fine and in good demand. Miscellaneous stock is none too plentiful and Paper White nar-

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street,
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street,
CHICAGO

BOXWOOD

Pick of the Virginia hedge and tree varieties. Most beautiful stock ever offered. Can supply any quantity at a moment's notice.

CHICAGO'S LARGEST DEALERS IN DECORATIVE GREENS

cissi in the better grades are bringing as high as \$4 and \$5 per 100. Cut poinsettias are none too plentiful and taken all in all the outlook for a grand clean-up for Christmas was never more encouraging. The wholesale plantmen are pretty well sold out in all lines and the supply houses are still busy filling late orders. Business last week was surprisingly good and in some instances the sales were equal to those of Christmas week last year.

NOTES.

Paul Weiss, A. F. Amling and W. H. Amling of Maywood attended the funeral of Mr. Weiss' brother William, at Milwaukee, Wis., Thursday, December 16. The party visited the Holton & Hunkel Co.'s greenhouses at Brown Deer while they were in the Badger state and found everything in tip-top condition, especially the Mrs. Chas. Russell roses, which were grown on a large scale at this establishment long before many growers

Violets

Roses--Carnations--Stevia

Calendulas, White and Yellow Narcissus,
Boxwood, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

realized the true worth of this variety. A. F. Amling was accompanied home by his son Clarence, who is a student at Concordia College and will spend the holidays with his parents. Sinner Bros. are cutting a good supply of roses and carnations which are cleaning up nicely each day at very satisfactory prices. John Sinner, who looks after the store, is well pleased with business and has no cause whatever to complain, for the outlook was never better for a banner Christmas trade.

Big Crops of Prize Winning
RICHMOND ROSES
BEAUTIES - CARNATIONS

For New Year

American Beauties-Milady-Ophelia-My Maryland-White Killarney
 Killarney - Killarney Brilliant - Sunburst and Mrs. Chas. Russell

FANCY CARNATIONS

Large Supply of Red, White and Pink. Enough for Everyone so Order Here.

**Everything You Need Listed in This
 Advertisement in Large Supply So
 Place Your Orders With us. Do it Now.**

Buy Direct From The Grower.

NEW YEAR PRICE LIST:

Subject to Change Without Notice.

IN EFFECT DECEMBER 26.

AMERICAN BEAUTIES		Per doz.	MRS. CHAS. RUSSELL		Per 100
60-inch stems		\$8.00	Specials		\$30.00
48-inch stems		7.00	Select		25 00
36-inch stems		6.00	Medium	15 00 to	20 00
30-inch stems		5.00	Short	10 00 to	12 00
24-inch stems		4.00			
20-inch stems		\$2.50 to 3.00			
RICHMOND		Per 100	ROSES, our selection		Per 100
Specials		\$15.00	Carnations, red		\$ 6 00
Select		12.00	" white and pink	4 00 to	6 00
Medium	8.00 to	10.00	Harrisil	per doz., \$1 50 to \$2 00	
Shorts		5.00	Valley		\$4 00 to \$5 00
Killarney		Per 100	Violets		1 50 to 2 00
White Killarney	Specials	\$15.00	Smilax	per doz. strings, \$2 00	
Killarney Brilliant	Select	12.00	Adiantum		1 00 to 1 50
Sunburst	Medium	8.00 to 10.00	Asparagus, per bunch		50c to 75c
My Maryland	Short	5.00 to 6.00	Ferns, per 1000		\$2 50
Ophelia			Boxwood	per bunch, 25c	
MILADY		Per 100	Galax, bronze and green	per 1000, \$1 00	
Specials		\$15.00	Stevia		1 50 to 2 00
Select		12.00	Sweet Peas		1 00 to 1 50
Medium	8.00 to	10.00	Leucothoe Sprays		75c to 1 00
Short		5.00 to 6.00			

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, **CHICAGO**
 Phones: { " 601,

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

The A. A. Arnold Paper Box Co., 1302-1308 West Division street, has had an unusually good year and C. B. Arnold, secretary of the firm, says that a new press which cuts, creases and prints two colors in one operation is being installed and can turn out 1,400 sheets in one hour. This firm is having a good demand for their special parcel post and express boxes, which are just what the trade has needed for some time and have plenty on hand to fill eleventh hour orders. One would think that the firm would have plenty of room in their fine new factory building, which they moved into this year, but this does not seem to be the case, for it is heard from good authority that a new addition will be made in the near future on the lot adjoining their present site, which is 52x150 feet. Joe Marks, superintendent of the sales department, is busy as a bee drumming up new customers and will start out again right after the first of the year to call on the out-of-town trade.

A. L. Vaughan & Co. received a large shipment of California holly this week on which the express charges amounted to something like \$160. This holly is a splendid substitute for the red winter berries and is being given the preference by the leading local florists, who claim that it can be used to better advantage and makes a better showing in basket work. Wm. Timme is giving Wm. Johnson and his assistants a lift in the shipping department again this week as he always does during the holidays or when business gets so brisk that the regular force cannot handle it.

Wietor Bros. report business as very good with an unusually heavy demand for carnations, particularly red, for which many orders were refused and checks returned. American Beauty roses of fine quality are seen in large supply here and are in good demand, but there will be plenty to fill all late orders. Peter Fischer's carnation Alice is making new friends each day at this store and compares most favorably with all the other pink varieties offered in this market at present.

H. Van Gelder says that trade at Percy Jones' establishment is splendid and that the sales last week were equal to those of Christmas week in 1914. H. B. Rine, of Humboldt, Ia., was a visitor at this establishment

New Year Price List

ROSES

Mrs. Chas. Russell—	Per 100
Good	\$10.00 to \$15.00
Extra Fancy.....	20.00 to 30.00
Ophelia	10.00 to 25.00
Sunburst.....	10.00 to 20.00
Killarney, White Killarney, Killarney Brilliant—	
Long.....	\$10.00 to \$12.00 per 100
Medium.....	8.00 per 100
Short.....	\$5.00 to 6.00 per 100
Specials billed accordingly.	

CARNATIONS, De Luxe, \$6.00 to \$8.00
De Luxe, red..... 8.00 to 10.00

Miscellaneous

Lilies.....	\$10.00 to \$12.50 per 100
Lily of the Valley, \$4.00-\$5.00	per 100
Violets, double, \$1.00 to 1.50	per 100
Sweet Peas.....	1.50 to 2.00 per 100
Stevia	1.50 to 2.00 per 100
Paper Whites...	3.00 to 4.00 per 100
Ferns	2.50 per 1000
Asparagus..... bunch, 35c to 50c	each
Sprengeri	bunch, 25c to 35c each
Galax	\$1.00 1000
Mexican Ivy.....	75c per 100
Boxwood	large bunch, 25c each
Subject to Market Changes.	

FOR NEW YEAR

ROSES AND CARNATIONS

Out-of-town florists would do well to place their orders with me, for my stock is fine and my prices are very reasonable. Try me on either today and see how nicely I can fill your order.

Complete line of all other Cut Flowers and Greens. Order here.

DOMINICK E. FRERES

162 North Wabash Ave., L. D. Phone Randolph 7175, CHICAGO, ILL.

December 20 and was escorted through the market by Morris Grossberg. Mr. Rine has a store at Forest City and Eagle Grove, Ia. He brought five carloads of cattle to this city and returned the same evening to attend to his Christmas business.

Felix Reichling is well pleased with the early Christmas demand at Peter Reinberg's establishment and reports the shipping trade as exceptionally brisk. The store force is making its headquarters at the Windsor Clifton hotel this week, for they are working overtime until late and are obliged to be on the job early in the morning so that all orders can be gotten out on time.

The Chicago Flower Growers' Association is offering the first pussy willows of the season which are good property and none too plentiful, though their receipts are heavy. Manager Klingsporn visited several of the firm's growers early this week to get a line on the Christmas supply and is of the opinion that he will have plenty of stock to fill all orders.

Victor Young & Company are more than pleased with their opening at 1239 North Clark street last week and enjoyed more business than they expected to. They have a very pretty retail store which was fitted out by Buchbinder Bros. and are looking forward to a brisk holiday trade.

Gene Launey, who was formerly employed in this city, is back from an extended visit in California and will remain here for some time. He spent several months in Kansas City, Mo., and is now representing one of the retail stores of that city in the local wholesale market as buyer.

J. J. Kolar & Son, of Cicero, have added a Ford to their delivery service,

U S Budlong's E Blue Ribbon Valley.

which makes Raymond Ziska, superintendent of the delivery system at Joseph Ziska & Sons' store, smile, for he was the first to have nerve enough to buy one of Henry's little toys for delivery purposes.

Mrs. J. A. Evans, who was recently operated upon for appendicitis at the Mercy hospital, is progressing favorably. Mr. Evans will remain in the city until Mrs. Evans is able to return home, which is likely to be several more weeks.

Gust P. Constantino, proprietor of the Chicago Floral House, 41 West Randolph street, who has been in poor health for some time, is feeling considerably better and expects to be able to soon take charge of the store again.

Erne & Klingel had a good supply of mistletoe for Christmas this year which was unusually well berried and one lot in particular attracted much attention and was sold almost as soon as the case was opened.

Frank X. Gorly, with Grimm & Gorly, St. Louis, Mo., was in the city December 17 buying stock for the holidays. He reports business as good, with the outlook very favorable for a brisk Christmas trade.

Mrs. F. Ennis, Milwaukee, Wis., was in the city December 16 buying stock for the holidays.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
" 2572
Auto. 48-734

CHICAGO

Beauties--Roses--Carnations, Etc.

Order Here **New Year Price List:** In Effect December 26. Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.		Per doz.	CARNATIONS, common		Per 100
Long stems		\$8.00	"	fancy	6.00 to 8.00
36-inch stems		7.00	"	red	8.00
30-inch stems		6.00			
24-inch stems		5.00			
20-inch stems		4.00			
18-inch stems		\$2.50 to 3.00			
ROSES.		Per 100	MISCELLANEOUS.		
Richmond—Milady—Extra long		\$15.00	Cattleyas	per doz.,	\$12.00
" Fancy		12.00	Valley		\$ 4.00 to \$ 5.00
" Medium	8.00 to 10.00		Violets		1.50 to 2.00
" Short	5.00 to 6.00		Paper Whites		3.00 to 4.00
MRS. CHAS. RUSSELL.		Per 100	Romans		3.00 to 4.00
Specials		\$30.00	Stevia		1.50 to 2.00
Select		25.00	Lillies	per doz.,	\$1.50 to \$2.00
Medium	15.00 to 20.00		Callas	per doz.,	2.00
Short	10.00 to 12.00		Sweet Peas		1.50 to 2.00
White Killarney	Special	\$15.00	Smilax	per doz.,	\$2.00
Killarney		Fancy	12.00	Adlantum		1.00
Killarney Brilliant	Fancy	12.00	Asparagus Strings	each,	75c
Ward	Medium	8.00 to 10.00	Asparagus Plumosus, per bunch		.35c to 50c
Sunburst	Short	5.00 to 6.00	Fancy Ferns	per 1,000,	\$2.50
Ophelia			Wild Smilax	per case,	5.00
Maryland			Boxwood	per lb., 25c; 50 lbs.,	7.50
ROSES, our selection		6.00	Leucothoe Sprays		.75
			Mexican Ivy		.75
			Mignonette	6.00 to	8.00

Poehlmann Bros. Co. is cutting a fine supply of roses, especially Killarney and Killarney Brilliant, which are possessed of unusually fine color. With the exception of carnations, this firm will probably have enough stock to go around, for they are in splendid crop. The supply department never had a better season and the plant department is completely sold out in all lines for Christmas. John Poehlmann, Sr., has been on the sick list all this week, but is expected to be able to be at the store soon, which his many friends are pleased to hear.

Bassett & Washburn report business much better than last year, with the early Christmas sales surprisingly large and considerably ahead of 1914. Orders were received from all sections of the country with a heavy demand for carnations and American Beauty roses. Mr. Washburn expects to see a clean-up in all lines before the rush is over, and is well pleased with the number of orders already booked. Considerable trouble has been experienced in securing enough boxes, owing, no doubt, to the heavy demand in all other lines.

Lawrence W. Tonner, a brother of O. A. Tonner, will spend Christmas at home this year with his folks after an absence of nearly 25 years. He is acting as special representative for Francis Grierson, the celebrated English lecturer and musician, who is now filling engagements in this vicinity and has traveled extensively in the European countries, particularly those now engaged in war.

M. C. Gunterberg has had a good call for rustic art baskets, which she is featuring as a leader and has made special arrangements with the manufacturers to furnish them with gold letters in the basket itself, with any word or words desired, such as "Merry Christmas," "Happy New Year," etc.

Merry Xmas

WHILE all your friends this Christmas Day
Send "Greetings" good and true—
Just let us add to all they say—
Our own sincere "We Too."

Raedlein Basket Co., 713 Milwaukee Ave., Chicago

Miss Gunterberg celebrated a birthday December 15.

A. T. Pyfer & Co. are having a heavy Christmas trade, with a brisk demand for carnations and roses. The shipping trade has been very satisfactory so far and the outlook at this establishment points to the best Christmas ever.

V. Bezdek says Grosse Point has passed an ordinance prohibiting the building of greenhouses within the village limits unless the builder secures the written consent of all the property owners within a radius of one-half mile.

Fred Price is back on the job at J. A. Budlong's store after a short illness and is helping out with the Christmas rush. The shipping trade at this house is brisk and the sales will run considerably ahead of last season.

At Weiland & Risch's store the new rose Champ Weiland is holding the attention of the buyers, for it is fully a shade and a half darker in color than Mrs. Chas. Russell, which is an

USE Budlong's Blue Ribbon Valley.

item that one cannot afford to overlook.

Chris. Muno, who was formerly engaged in the florist business in this vicinity many years ago, died at his home at Ridge and Howard avenues, Monday, December 20.

J. A. Sikuta, 3947 West Twelfth street, expects to do a much larger business this Christmas than he did last year and the outlook so far is most encouraging.

Miss Greeley, of the John Kruchten Co., is suffering with a severe cold and was unable to attend to her duties this week.

George Reinberg had a fine cut of Richmond roses for Christmas.

You Can Increase Your Profits and Business By Sending Your Orders To

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
Speaks
Louder
Than
Prices.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

GUT FLOWERS

Shipping
Orders
Given
Careful
Attention

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Martin Goerger, of Goerger Bros., Arlington Heights, has received word from his brother Albert, who is a member of the firm, but is now serving in the German army, that he was wounded and is now in the hospital. His brother Andrew has received the iron cross and his brother-in-law was killed in battle.

Henry M. Hirsch, who withdrew from the firm of Zalinger & Hirsch, December 10, will open a new retail store at 37 East Van Buren street about February 1. The people he is renting from will fix up the place in fine shape. When all the new fixtures are installed he will have a store which anyone might well be proud of.

Zech & Mann have added several growers to their list this week and report a brisk demand for stock in all lines. Allie Zech made a call on all the firm's growers the past week and expects to fill all Christmas orders in full with the exception of carnations.

The branch office of the Peterson Nursery was robbed of about \$75 in cash, Saturday, December 18.

At Dominick E. Freres' wholesale store a fine line of roses and carnations are the principal offerings.

Dick Parker is helping out at the Fleischman Floral Co.'s store during the Christmas rush.

Vaughan's Seed Store is receiving German grown lily of the valley this week.

Visitors: Chas. and Herbert Sherwood, Waterloo, Ia.; Joe Hill, Richmond, Ind.; B. H. Klus, Anderson, Ind.

Windsor, Ont.

At the recent wedding of Miss Frances Fleming, daughter of one of this city's most prominent citizens, to Harrold Kerrigan of London, Ont., the floral decorations arranged by Miss L. J. Beuford of the Windsor Flower Shop and her capable assistants were very tasty. Orchids played a prominent part in the floral arrangements, and orange blossoms sent to the bride from California were much admired.

Geo. Pedrick, 63 years of age, pioneer florist of this city, died at his home December 18, after an illness of two months. He was born in Devonshire, Eng., and came to this country 50 years ago. He worked as a gardener for about 10 years, but for the past 20 years has conducted a flower shop on Sandwich street.

Tuson, Floral Artist, is showing some very attractive evergreen trees, holly wreath arrangements and artificial decorations for the holidays.

J. E. K.

Cleveland.

HOLIDAY SHORTAGE THREATENED.

If the supply of cut flowers was limited last week, it was even more so this week; the dark, rainy, cloudy weather certainly has not helped to increase the supply, and unless "Old Sol" looks in on us for several days between now and Christmas, old "St. Nick" will not see as many blooms as usual, and stock will be far short of the demand on this the greatest holiday of the year. At the beginning of the week it snowed and was quite cold, which turned to rain and cloudy weather by the middle of the week and at this writing, December 18, it is again snowing and blowing, and has turned much colder again; also, stock will lack color and the quality will not be up to the standard. The heavy snows in the east delayed trains, violets were uncertain for several days and they are not yet arriving on scheduled time. There is very little short stock arriving, such as is wanted for funeral work, and much long and higher priced stock is put in. Paper Whites and stevia are the only flowers at all plentiful, Lily of the valley has been equal to the demand. Callas and Easter lilies are in short supply. Cut poinsettias and poinsettia plants are plentiful and of excellent quality. Advance Christmas orders are coming in and indicate a big day if the supply is at all equal to the call. Boxwood has had an unusually good demand this year, with a limited supply of good stock. Japanese red frieze roping is becoming more popular each year, nearly all the available supply being exhausted. Artificial paper cut flowers too were in good demand. Laurel and ground pine roping is selling well; so is holly and winter berries. Greens of all kinds are in good supply.

NOTES.

Burglars entered the store of the J. M. Gasser Co. on Huron road one night this week, but outside of a little small change, left in the cash drawer, they took nothing of value, but they did damage the safe considerably, knocking off the combination knobs and handle, and part of the hinges, also damaged the cash drawer to open it. This burglar, who seems to take a liking to burglarizing wholesale cut flower stores, has now made a complete round, and we hope he is caught before he gets around the second time.

Mrs. Geo. N. Smith, who has been at Fort Collins, Colorado, for her health since last August, arrived home Sunday morning, December 19, for the holidays. She expects to return after the first of the year to complete the cure. She has gained in weight and strength and says she feels very much better.

Miss Christine Cliff, who conducts a retail flower store on Hough avenue, has opened a down town branch for the Christmas holidays on East 6th street.

C. F. B.

Kansas City.

TRADE ABOVE THE AVERAGE.

Business during the past week has been better than usual for this time of the year, there being much funeral and decorative work. Stock was more plentiful in most lines, with pot plants taking the lead. Roses were more plentiful and of good quality, but are high in price, especially American Beauties, which sell from \$4 up per dozen. Good carnations are still scarce. Stevia, lilies, violets and lily of the valley are extra good and sell readily. The poinsettias, cyclamens and Lorraine begonias being received are the best seen in this city for some time, being of good quality and good, clean stock. Offerings in holly, roping, Christmas trees, red berries, etc., make a good showing.

NOTES.

Arthur Newell has pulled off a deal in the Texas "Panhandle" that is a little out of his regular line of business. He and Samuel Murray have owned jointly some valuable ranch land, and a deal for this land was closed last week for cash at a very handsome profit over the original cost. A trip to the Orient is not being planned by Messrs. Newell and Murray.

H. Kusik & Co. report the supply of stock insufficient to care for their trade, but it is of exceptionally good quality. They are receiving very fine roses, lilies, violets and stevia. Carnations are scarce, but of good quality. Shipping trade is good and the demand for holiday supplies exceptionally good.

An extra heavy rush of business is keeping the T. J. Noll & Co.'s force on the jump. They are receiving some very good roses, lilies, violets and stevia, but report carnations scarce. The shipping trade has been the best ever and the demand for holiday supplies has been surprisingly good.

The Wm. L. Rock Flower Co. reports trade very good in the funeral and decorating line. Pot plants are also selling well and cut stock cleans up well each day. A lot of new Christmas novelties are being shown and attract much attention.

W. J. Barnes had a very good week, the demand for funeral designs being very heavy and stock cleaned up every day. His stock of pot plants for the Christmas trade is in splendid shape. His cut of flowers for the holidays will also be heavy.

At the Alpha Floral Co. the demand for the holiday trade is far beyond

A HAPPY NEW YEAR

We wish to thank our many friends and customers for their kind patronage in the past and take this opportunity to wish you, one and all, A Happy and Prosperous New Year.

Remember, when ordering in the future that we have a complete line of Cut Flowers and Greens and will appreciate a share of your patronage. Start the New Year right by being an E. & K. customer.

ERNE & KLINGEL

30 E. Randolph Street, L. D. Phone, Randolph 6578. CHICAGO, ILL.

expectations. The demand started early and continues at a lively rate. Funeral orders and decorations have also been much in demand with this firm.

A. F. Barbee reports trade all and is fully prepared for a heavy Christmas demand, having a good line of pot plants. He expects to cut carnations, narcissi and stevia in quantity.

The Geo. M. Kellogg Flower and Plant Co. is kept busy with funeral work, and the call for pot plants is also very heavy. Business in cut stock is also picking up.

Ed Humfeld is doing a splendid holiday business. The demand for pot plants has been very good, and in addition he has been busy with orders for funeral work.

As the Kansas City representative of THE AMERICAN FLORIST, I extend to all in the trade my best wishes for a Merry Christmas and a Prosperous New Year.

Miss Lou E. Boggess reports a heavy demand for funeral work, stock cleaning up each day. The scarcity of cut stock makes it hard to fill orders.

Chas. Biederman & Son are making a big leader with pot plants. The demand for funeral work has also been very heavy at their establishment.

Adolph Mohr has been very busy making delivery of his plants this week. The stock is of the usual high quality, and meets with ready sale.

Patrick Larkin reports business good, especially in funeral orders and corsages. E. J. B.

Ft. Wayne, Ind.

EVERYBODY BUSY AND HAPPY.

The holiday trade is in full swing. The sales and work forces have been doubled, pot stock is moving briskly and cut flower orders booked in goodly numbers, and the florists are busy and happy. The supply of cut flowers has been limited especially in short-stemmed roses of Richmond and Rhea Reid, and also in some of the white varieties. Carnations of excellent quality are also scarce, reds especially, and a pronounced shortage for Christmas orders would not be surprising. Magnolia wreaths and green and bronze galax have been in heavy demand for funerals and cemetery decorations. Pot plants are displayed in great profusion. Poinsettias are

very fine this year. Cyclamens are selling well; in fact, almost supplanting the azaleas which are scarce and under size this year. Christmas wreaths and baskets are meeting with an exceptionally heavy demand.

NOTES.

Some fine Scotch heather and French heather plants in grey and pink are being displayed by the Flick Floral Co. This establishment also has a very attractive window decoration of Christmas novelties in plant baskets, wreaths, etc. An attractive booklet, entitled "Christmas Flowers," has been sent out in great numbers.

Several of the merchants have made attractive store decorations for the holidays, evergreen roping, holly and laurel being draped from the tops of the building to red and green ornamental lights on the sidewalk. The effect is very good.

Miss Katherine Vesey is home from college at Delaware, O., and will spend the holidays with her relatives. H. K.

Boston:

CHRISTMAS TRADE OUTLOOK GOOD.

There has been a shortage of flowers during the past week, consequently prices have held up on every line. The trade, however, was by no means brisk, and the scarcity was the only thing that saved prices from declining. Roses were the poorest selling cut flowers, prices dropping to \$3 per 100 on the short stemmed stock; however, it being so near the Christmas season, the effects of the decline are not depressing as a whole. Carnations are very scarce and prices are advancing. Monday, December 20, \$5 and \$6 per 100 was received. A few chrysanthemums continue to come in, but there is not much call for them and prices are about the same as last week. The plant growers are finding an excellent market for their product and are working hard to keep up to orders. The outlook for Christmas at the time of writing is very good; in fact, it is expected that the supply will by no means meet the big demand.

NOTES.

Penn, the Florist, opened his new store to the public, December 18. It is, without doubt, one of the highest class retail florist stores in New England. The opening day, the windows

U S Budlong's
E Blue Ribbon Valley.

were a treat to all lovers of artistic simplicity in the arrangement of flowers. One window was very effective with cattleyas, arranged with bark and moss, while the other was made up of yellow roses tastefully arranged in rich vases. One of the modern improvements is the freezing plant for refrigeration. No detail has been overlooked throughout the entire shop and its service, and all who have seen it declare it to be a model florist establishment. Mr. Penn received many beautiful expressions of good wishes, both in floral tributes and letters and telegrams.

Among the large consignors of carnations to the Boston Flower Exchange are P. & W. O. Jahn of Bridge-water, Mass. They have a fine lot of Enchantress Supreme, Pink Delight, Matchless, White Enchantress and Beacon. Their shipments for the week ending December 18 were over 15,000 flowers.

Mann Bros., of Randolph, Mass., are shipping Paper White narcissi and Roman hyacinths. They expect to be cutting a supply of jonquils within two weeks. For the Christmas trade they have holly trees, cyclamens, Skimmia Japonica, solanum and ferneries.

E. A. Stickel is with the Boston Rose Co., to assist during their Christmas rush. This company is handling a good supply of American Beauties, as well as some very fine Hadley, Ophelia and Russell, from the Montgomery Bros. at Hadley, Mass.

Some of the finest snapdragons seen in the city are from P. S. Brown of Scituate. He has pink, yellow, red and white seedling varieties with three foot stems. His calendulas are also of excellent quality.

Bert Sloan, of the New England Florist Supply Co., has announced his engagement to Miss Frances Grisaver of Winthrop, Mass. The wedding will take place January 25, 1916.

F. L. W.

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

New Year Cut Flowers and Greens

Beauties-Roses-Carnations-Violets-Valley-Lilies-Sweet Peas-Etc.

Nashville, Tenn.

CHRISTMAS PREPARATIONS COMPLETE.

On the eve of the "day of days," Nashville florists find themselves in a state of elegant preparedness. There will be an abundance of stock of the very best quality, and the prospects are for a fine trade. Already orders are being booked with a most satisfactory outlook. The florists' windows are decorated with the bright red and green of the season, varying as to individual taste, or the abundance any special stock may dictate. In some of the windows are immortelle wreaths, attractively arranged with palms and ferns and even ribbons. Others have gorgeous vases of long stem American Beauty or Richmond roses, supplemented by all other dainty beauties of the season. The poinsettias play no small part, and those blooming in pots are easy favorites. Lorraine begonia is another favorite. Azaleas, cyclamens, hyacinths, narcissi, lilies and innumerable smaller and less distinguished blossoms, make up a complete array to suit any and all pockets and any and all tastes. Well berried and beautiful holly has been on sale for some time past on the streets and the social realm has made use of it abundantly to give the holiday idea to their entertainments. Mistletoe, while not so plentiful may be found by those desiring the mystic plant. The rural population, both black and white, has hastened to the city with wagon loads of finely shaped and comely cedar trees, which may be had for the asking and the cutting on any of the fine pikes leading from the city. Indeed, it was not an uncommon sight any time in the days preceding Christmas to see a merry party in a fine automobile carrying as huge a tree as they could handle attached to the running board of the machine. But this was done more in the nature of a frolic than to save the price, for the trees sold at a remarkably small figure. Pretty, small trees sold for 25 cents and ranged on up until a price as high as \$5.00 was reached. At these prices most of the stores of the city were decorated with cedar, holly or southern smilax. The enterprising dealers in the cedar have learned to make very creditable wreaths, and they sell like hot cakes, ranging in price from 25 cents to \$1.50 and even higher. Those for 25 cents were rather "skimpy" but they sold. There will be no abnormal advance in the price of cut flowers, but prices have been good all along and very satisfactory to the dealers. There are many pretty and seasonable novelties to be seen in the way of baskets, pot-holders, mats and things of that sort, of which there

is a good sale. Roses in general have been and are selling at from \$2 to \$2.50 per dozen; American Beauty, \$8, \$10 to \$12 per dozen; poinsettias, \$4 per dozen. There is a fine supply of the very best stock, and the flower lover and Christmas shopper never had a finer stock to select from.

M. C. D.

Providence, R. I.

STOCK UP TO STANDARD.

Business during the past week has been very good, floral work holding out well. All stock is up to standard. Carnations have been scarce and have taken a jump in price, the best grades selling at from \$4 to \$7 per 100. Roses are good, with no advance except on the red varieties, which have advanced to \$8 per 100 on the cheaper grades. Lilies were never better and lily of the valley is perfect. Paper Whites are now having a very good call and are selling at a slight advance in price. The stores are all prepared for the Christmas business, the stocks of plants and novelties are in and many attractive displays of the different lines are to be seen. The small red auto wreath is being featured, and is making a hit, being seen here for the first time. The stores all have good stocks of begonias, panduratas, azaleas, cyclamens, cibotiums, pandanus, ardisias, Adiantum Farleyense and other small plants; also, poinsettias. Some of the shops are selling the Partridge berry bowls again this year and the sales have been good.

NOTES.

The evergreen men are now at the "bridge" and seem to be doing a rushing business. The stock at this writing is very poor and the prices very high—the quality seems to be worse than it was last year. These men seem to take the money away from the public, but when the latter go to the florist, they want better stock for less money than they would pay for poor stock from these vendors.

Hopkins, the florist at the Reservoir avenue greenhouses, has some of the finest Liliun giganteum that has been seen here for some time. He will carry a stock of plants all the year round.

Hoffman, of Pawtucket, has a fine stock of azaleas for the Christmas trade.

H. A. T.

SALT LAKE CITY, UTAH.—Ernest Lambourne, florist, formerly with the Willes-Horne Drug Co., has severed his connection with that firm and is opening a new and strictly modern floral establishment at 73 Main street.

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00
Special Xmas price list of other supplies mailed free.		

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Washington.

TRADE GOOD AND STOCK PLENTIFUL.

Business during the past week has been exceptionally good with stock plentiful, except in carnations, which it seems are being held back in all colors, and stock this week brought from \$5 to \$8 per 100. While roses were plentiful, prices on good stock ranged from \$8 to \$25 per 100 and American Beauties sold at prices varying from \$5 to \$7.50 per dozen. Orchids found ready sale at from \$75 to \$90 per 100. Extra fine sweet peas of the Spencer type are selling at from \$2.50 to \$3 per 100, with the demand greater than the supply. Flowering plants are not overly plentiful at this writing, but the growers in this vicinity promise enough to meet the demand. Azaleas and begonias are extra fine in quality, but poinsettias are nothing to brag about.

NOTES.

The Washington Florists Co. is having an extra heavy cut of Sunburst, Richmond and Shawyer roses. This company also has some very fine azaleas, which find ready sale, being disposed of as fast as they are received from the greenhouses.

The windows of the florists' shops were all prettily decorated with Christmas stock, some being very attractive with baskets and combinations, and all the stores look forward to a very heavy business.

G. C. D.

Cincinnati.

CHRISTMAS SUPPLY BELOW NORMAL.

The demand for flowers last week was steady, while receipts were very limited. From present indications the supply for Christmas will hardly be as large as it was for the last few years. The cut of roses has increased in size and is now almost back to normal. American Beauties are in a good supply up to this time, but they have met with a rather weak call; however, heavy orders are booked for Christmas and during the holidays. Carnation receipts are short as far as quantity is concerned. Poinsettias are in their usual good holiday supply. Orchids, lily of the valley and violets are fairly plentiful and we should have enough for actual needs. Other offerings include Easter lilies, Magnificum lilies,

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Write for Our New Catalog

CORSAGE CORDS

	Per Doz.	Per Gross
Can be had in all colors.		
Large size	\$0.35	\$4.00
Small size	.25	3.00
Baby cords		1.25

Write or our special Xmas price list of many other items.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

callas, stevia and narcissi. The supply of greens is sufficient for requirements.

NOTES.

Advices from Huntington, W. Va., are to the effect that Mrs. C. A. Peters, wife of C. A. Peters, died December 18, after a short illness. Mr. Peters was formerly of this city and has the sympathy of his many old-time friends here.

C. E. Critchell has been getting excellent Easter lilies and Magnificum lilies from the Hoffmeister Floral Co.

Visitors: E. J. Fancourt, representing S. S. Pennock-Meehan Co., Philadelphia, Pa.; Lester F. Benson, Indianapolis, Ind.; Jos. Hill, Richmond, Ind.; as well as some very fine Hadley, Miss Fanny White, Lexington, Ky.

H.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 463

Wholesale Flower Markets

CHRISTMAS PRICE LIST.

	Per doz.
Roses, Beauty, specisla	12 00
" " 36-in.	10 00
" " 30-in.	9 00
" " 24-in.	8 00
" " 20-in.	6 00
" " 18-in.	5 00
" Mrs. Chas. Kussell	1 00@ 6 00
	Per 100
" Hoosier Beauty	10 00@35 00
" Killarney Brilliant	6 00@30 00
" Killarney	6 00@30 00
" White Killarney	6 00@25 00
" Richmond	6 00@35 00
" Prince de Bulgarie	6 00@25 00
" Rhea Reid	6 00@25 00
" My Maryland	6 00@25 00
" Mrs. Geo. Sawyer	6 00@25 00
" Mildy	6 00@25 00
" Sunburst	6 00@25 00
" Mrs. Aaron Ward	6 00@30 00
" Hadley	6 00@25 00
" Ophelia	6 00@25 00
" Our selection	6 00@ 8 00
Carnations	6 00@10 00
Cattleyas...per doz.	12 00
Gardenias...per doz., 4 00@ 6 00	
Gladioli	2 00@ 6 00
Lilium Hsrilisii	10 00@12 50
Mignonette	6 00@ 8 00
Paper Whites	3 00@ 4 00
Poinsettias...per doz., 2 00@ 4 00	
Romans	3 00@ 4 00
Stevia	1 50@ 2 00
Sweet Peas	1 50@ 2 00
Valley	4 00@ 5 00
Violets, single	2 00
Violets, double	1 00@ 1 50
Adiantum Croweanum	1 00@ 1 50
Ferns	2 00@2 50
Galax	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy...per 1000, 5 00@6 00	
Plumosa Stringa...each	60@ 75
Smilax...per doz., 2 00@2 50	
Sprengerl, Plumosa Sprays	3 00@ 4 00
Boxwood, 25lb per case	7 50:

CLAYTON, MO.—Werner Bros. will add a new house to their rose section this spring.

ORANGE, N. J.—The following officers of the New Jersey Floricultural Society have been elected for 1916: Henry Halbig, president; Max Schneider, vice-president; Edw. A. Manda, treasurer; Geo. W. Strange, secretary.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wieter Bros.

Wholesale GROWERS OF **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

ROOTED CARNATION CUTTINGS.

C. Akehurst—Rose pink.....	100	1000
Alice—Salmon shade.....	\$7.00	\$60.00
Siegward.....	6.00	50.00
Enchantress Suoreme—Light Salmon.....	3.50	30.00
Philadelphia—Rose pink.....	5.00	35.00
C. W. Ward—Good rose pink.....	3.00	25.00
Gorgeous.....	5.00	35.00

R. P. Enchantress.....	100	1000
L. P. Enchantress.....	\$3.00	\$22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

Perfection—White.....	100	1000
Wonder—White.....	\$3.00	\$22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

INDICATIONS OF HEAVY HOLIDAY TRADE.

The business the past week has been satisfactory, there being sufficient demand to keep the market about even. The supply coming in has been very limited, due partly to the cold, stormy weather; a snow storm of almost blizzard proportions stretched itself over two days, greatly interfering with traffic. The quality all along the line is very satisfactory, being quite up to the standard, if not a little ahead of former years. In roses, Ophelia, Sunburst, Shawyer, Killarney, white and pink and Brilliant, Maryland, Russell, and the several reds are all in splendid shape, particularly Russell, which is seen in length of stem and size of flower quite the equal of the American Beauty. This latter, it is said, will be in full crop with most growers for the holidays. Carnations appear scarce; it is presumed that a look into the houses would show masses of color at this time. Snapdragon has been very shy the past two weeks—it will probably blossom out about December 23. Easter lilies are a bit scarce. Lily of the valley is equal to the demand, but violets are holding off. There are still a few chrysanthemums and plenty of stevia. Some very good poinsettias are being offered, a full supply being promised for Christmas. The condition of the market for the holidays promises to be much better than last season—prices are better now than last year, and the overproduction of last year is not looked for. There is more glass area filled with plants than last winter, but for some reason the market now cleans up much better and at higher prices. Narcissi are good stock this year; they went a begging at from \$1 to \$2 a hundred a year ago, while now they sell readily at \$3 to \$4. Christmas plant stock is in splendid shape. Azaleas, which were the subject of much discussion in the early fall, arrived in quantity after many delays, which, however, does not seem to have affected their flowering qualities, as they are seen in splendid form and color. Cyclamens are wonderfully well flowered, as are begonias. Poinsettia, the great Christmas flower, was never finer. Well fruited oranges and ardisias are specials, while the imported acubas are loaded with brilliant red berries, which have colored splendidly this season. There are also quantities of handsomely colored foliage plants and ferns in variety, all of which will hold their own in competition with the great variety of cut flowers.

NOTES.

The miniature, or auto wreaths, of red chenille with trimmings, are having a great run. They are seen in great variety. Wm. Thompson, of the S. S. Pennock-Meehan Co., makes them out of the small boxwood clippings and they have made quite a hit. In Pennock Bros.' window were seen miniature wreaths of statice, which were very attractive. The small basket of greens and holly berries is also very popular; the cost for material is trifling, but they sell readily at from \$1 to \$1.50 each.

Myers & Samptman, of Chestnut Hill, are erecting another large house, 75x600, to their already extensive

WELCH BROS. CO.
WHOLESALE CUT FLOWER MARKET
 226 Devonshire St., BOSTON, MASS.
 Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Wholesale Flower Markets

BOSTON, Dec. 22.		Per 100
Roses, Beauty.....	10 00	@40 00
.. Killarney Queen.....	2 50	@10 00
.. White and Pink Killarney.....	2 50	@5 00
.. Double White Killarney.....	1 00	@6 00
.. Killarney Brilliant.....	2 00	@8 00
.. Hadley.....	2 00	@10 00
.. Cardinal.....	2 00	@12 00
.. Mock.....	2 00	@8 00
.. Mrs. Chas. Russell.....	2 00	@12 00
.. Sunburat.....	2 00	@8 00
.. Taft.....	2 00	@8 00
.. Milady.....	2 00	@8 00
.. Ward and Hillingdon.....	2 00	@6 00
.. My Maryland.....	50	@5 00
Cattleyas.....	50 00	@75 00
Lily of the Valley.....	3 00	@4 00
Sweet Peas.....	50	@1 00
Carnations.....	50	@1 00
.. select.....	1 50	@3 00

BUFFALO, Dec. 22.		Per doz.
Roses, Beauty, special.....	9	00
.. " fancy.....	7	50
.. " extra.....	6	00
.. " No. 1.....	4	00
.. " No. 2.....	6	00
.. Killarney.....	6	00
.. White Killarney.....	6	00
.. My Maryland.....	6	00
.. Killarney Queen.....	6	00
.. Richmond.....	10	00
.. Sunburat.....	8	00
.. Ward.....	6	00
.. Taft.....	6	00
.. Ophelia.....	8	00
.. Francis Scott Key.....	10	00
.. Shawyer.....	8	00
.. Bon Silene.....	4	00
Lily of the Valley.....	10	00
Lilies.....	10	00
Cattleyas.....	75	00
Carnations.....	4	00
Chrysanthemums.....	5	00
Snapdragons.....	6	00
Violets.....	1	00
Asparagus Sprengeri.....	35	@ 50
Ferns.....	per 1000,	2 50
Smilax.....		15 00

CINCINNATI, Dec. 22.		Per 100
Roses, Beauty.....	per doz., \$4 00	@10 00
.. Killarney.....	4 00	@15 00
.. My Maryland.....	4 00	@15 00
.. Richmond.....	4 00	@15 00
.. Taft.....	4 00	@15 00
Lily of the Valley.....	4 00	@5 00
Lilium Gigantum.....		12 50
Asparagus Plumosus.....	per bch., 25c	
Orchids.....	per doz., 9 00	@12 00
Carnations.....	5 00	@8 00
Rubrum Lilies.....	3 00	@6 00
Double Violets.....		1 50
Narcissus.....	3 00	@4 00
Poinsettias.....	per doz., 2 00	@4 00
Stevia.....	per bunch, 25	@ 35

Patrick Welch
 Wholesale Florist
 262 Devonshire St., Boston, Mass.
 Telephone Main 2698.
American Beauties, Orchids, Valley, Carnations.
 All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
 Central Market
 Choice Roses, Orchids, Valley
Boxwood—Choice Holly
 We solicit a trial order.
 1225 Race St., Philadelphia, Pa.

McCALLUM CO.
 Florists' Supplies
PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid
 WHOLESALE FLORIST.
 Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYS, CARNATIONS and LILIES.
 One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.
 Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange
ORCHIDS, GARDENIAS
 Consignments of choice flowers solicited.
Duetscher & Glazer, Wholesale Florists
 1625 Ranstead St., Philadelphia, Pa.

C.C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and **Greens**

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Dec. 22.		Per 100
Roses, Beauty, extra	20 00@25 00	
" " first	8 00@10 00	
" " Mrs. Chas. Russell	8 00@15 00	
" " Killarney	3 00@10 00	
" " White Killarney	3 00@10 00	
" " Liberty	5 00@15 00	
" " Mock	6 00@15 00	
" " Hadley	8 00@12 00	
" " Bulgaria	4 00@10 00	
" " Sunburst	4 00@12 00	
" " Ophelia	3 00@ 8 00	
" " Hoosier Beauty	4 00@ 8 00	
Carnations	2 00@ 4 00	
Cattleyas	35 00@50 00	
Callias	10 00@12 00	
Lilium Harrisoni	8 00@10 00	
Lily of the Valley	3 00@ 5 00	
Asparagus	per bunch, 50	

PITTSBURGH, Dec. 22.		Per 100
Roses, Beauty, special	75 00	
" " fancy	60 00	
" " extra	25 00	
" " No. 1	15 00	
" " Killarney	6 00@20 00	
" " My Maryland	6 00@20 00	
" " Sunburst	6 00@20 00	
" " Mrs. Aaron Ward	6 00@20 00	
" " Richmond	12 00@30 00	
Carnations	6 00	
Cattleyas	75 00	
Lilium Giganteum	12 00	
Valley	4 00	
Adiantum	1 25	
Asparagus Sprengeri, per bunch	35@40	
Sprays, per bunch	35@40	
Sweet Peas	1 00@ 2 00	
Stevia	1 50	

MILWAUKEE, Dec. 22.		Per 100
Roses, Killarney and W. Killarney	8 00@20 00	
" " Ward, Sunburst	10 00@25 00	
" " Mrs. Chas. Russell	20 00@50 00	
" " Richmond	4 00@12 00	
" " Ophelia	10 00@25 00	
" " Hoosier Beauty	15 00@35 00	
Carnations	4 00@ 8 00	
Lilias	per doz., 2 00	
Snapdragon, per bunch, 25c@50c		
Valley	4 00@ 5 00	
Daiates	per doz., 50@ 75	
Cattleyas	per doz., 9 00@12 00	
Bouvardia	per bunch, 50c	
Violeta, choice Wisconsin grown	2 00@ 2 50	
Stevia	1 50@ 2 00	
Narcissii	3 00@ 4 00	
Sweet Peas	1 50	

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

ST. LOUIS, Dec. 22.		Per 100
Roses, Beauty, long	25 00@35 00	
" " medium	8 00@15 00	
" " short stems	5 00@ 8 00	
" " Killarney	3 00@ 8 00	
" " White Killarney	3 00@ 5 00	
" " Aaron Ward	3 00@ 5 00	
" " Sunburst	3 00@ 6 00	
" " Ophelia	4 00@10 00	
" " Hoosier Beauty	5 00@12 50	
C. Brunner	per bunch, 50c	
Valley	4 00@ 5 00	
Carnations	5 00@ 6 00	
Orchids	50 00@60 00	
Asparagus Plumosa, per bu.	25@75	
Harrisii	10 00	
Pompons	per bunch, 35c@50c	
Ferns	per 1000, 2 00	
Bronze Galax	per 1000, 1 50	
Mexican Ivy		

BABY RIBBON.

No. 1, any color per spool of 50 yds. \$0.35
No. 1 1/2, any color, per spool of 50 yds. 0.50
No. 1 1/2, Poinsettia and Holly, spool of 50 yds. 0.75
"Bon-Ton" Crinkled Ribbon, spool of 500 yds. 1.25
No. 2 Gauze (10 yds.) .20
Get our special Xmas price list of other items.

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

SUPPLIES AND EVERYTHING IN SEASON ALWAYS ON HAND.

place. American Beauties are a specialty here, where they are grown to perfection. The whole country is their market. A recent large shipment to the Chicago market made very satisfactory returns, showing that with good stock and careful packing it is possible to do business with such perishable stock in almost any part of Uncle Sam's domain.

The Godfrey Aschmann collection of choice Christmas stock is moving off at a great rate. Araucarias, always a specialty here, are seen in splendid form, as are a special lot of the Boston, Scotti, Whitmani and Teddy, Jr., ferns.

Burton's American Beauties are to the front, along with the three Killarneys and Richmond in the Leo Nielsen Co.'s Christmas stock. Mr. Nielsen says they are prepared in all lines for a record business.

The Whilldin Pottery Company had

a great run on azalea pots and fern pans to supply the retail trade, who use them extensively for combination foliage and poinsettia center pieces for table decorations.

Edward Reid wears a contented look these days; stock cleans up well at better prices than for several years past. His new Vim delivery car is found to be a great convenience.

Carl Cortis, chief of Jas. Heacock Co.'s cut-flower force, reports last week to have been the best of the season so far. Ophelia and the Killarneys are leaders here.

At the Central market of the Berger Bros., cattleyas are to the fore and are promised in quantity for the holidays. Poinsettias and boxwood are also leaders.

The Philadelphia Wholesale Florists' Exchange are featuring cattleyas and choice roses, especially Russell,

K.

New York.

SNOWSTORM DEMORALIZES BUSINESS.

With a number of years of experience in the wholesale district and plenty of expert testimony to sustain us, we cannot recall a storm that caused a greater demoralization of business than that of December 13. The Pennsylvania railroad seemed to be the only line that was able to run trains with anything like regularity. The electric system of the New Haven railroad, which extends for some miles out of this city, practically broke down on the night of December 13. Trains on the New York Central were snowbound and what little stock from the north and east came in December 14 was hours late. In fact, up to the night of December 17, there was no regularity in the arrival of stock even from Rhode Island and Connecticut points. These conditions were paralleled in city traffic. Six inches of snow doesn't look bad when spread out on a farm, but when it is shoveled off the sidewalk into the street and pushed back from the street car tracks and piled up in great mounds, it is no joke. The snow was of the slippery, oozy sort and it has been no uncommon sight to see the wheels of an auto revolving at a great rate without the machine making an inch of progress. The week before Christmas week is usually dull, but this storm made it much worse as the weather was bad throughout, there being sleet and rain on December 17, which made the sidewalks a terror to pedestrians. As a matter of course, the retailers have to keep up a stock and what came in was soon taken, but if business had been good there would have been a dearth. Prices have remained firm. American Beauties, special, run from \$40 to \$50 per 100 or at that rate. Special stock of other roses from \$12 to \$15 with higher prices for some varieties. There has been little change from our quotations of December 15, in other stocks. Notwithstanding the unfavorable conditions above recited, we look for a reasonably fair supply of stock for Christmas. The roses seem to be generally in crop and while in some localities the carnations seem to be a little off, this city draws stock from so wide a territory that we do not predict a scarcity, considering that there will be many plants on the market.

December 20.—After continuous rain throughout December 17-18, the weather cleared on the evening of the 18th. The rain and a moderate temperature did much toward clearing the streets of snow and traffic conditions are improved. December 19 was a fine day, relating to weather. It continues fair at this writing, and the outlook for good "Christmas weather" is encouraging. There is no unusual

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

movement in cut flowers at this writing, nor is there likely to be before December 23. Indications point to an ample supply for Christmas.

NOTES.

We have recently had occasion to notice the activities of Wernz & Koehne, 61 Fifth avenue. Both these young men are past masters, so to speak, in the retail business. Though the retail stores have of late years been moving up town, this firm yet does a good business, being located near Washington Square and within the parish of Grace Church. Wernz is the buyer and a very shrewd one. Robert Koehne is a past vice-president and a life member of the New York Florist's Club; a life member of the Horticultural Society of New York and also of the Society of American Florists.

On December 15, J. H. Small & Sons made an exceptionally fine arrangement of flowers in two casket covers, the caskets containing the remains of Mr. and Mrs. George Westinghouse, which have been in a vault since their deaths, and were being removed to Washington, D. C., for final interment. A very large number of fine cattleya orchids and violets were used, being arranged with Asparagus plumosus nanus and smilax.

Calling recently on a number of the Eighth Avenue florists we found them making active preparations for the Christmas trade. The St. Nicholas Florist Co., A. Pappes and C. Valas, proprietors, 2322 8th avenue, have a good store and keep it well stocked with cut flowers and plants and have a good business.

Louis Kuebler, one of the noted trio of Kuebler Brothers of Willoughby street, Brooklyn, is specializing in florists' supplies and all kinds of Christmas decorations. He also finds time to assist his brothers, William H. and Charles, in the wholesale cut flower business.

On December 11, Alexander Donaldson and family, of Elmhurst, L. I., went to Patchogue, L. I., to visit their parents, Mr. and Mrs. John Donaldson. During their absence their home was burglarized and several hundred dollars worth of jewelry and cut glass stolen.

A storm has no terrors for that fine young fellow, Richard Vincent, Jr. He was on time for the club meeting, December 13, attended a meeting of the American Dablia Society, and lectured before the Garden Club of Bartow, N. Y., during the past week.

Young & Nugent, 42 West 28th street, will have a great stock of plants and cut flowers for the Christmas trade and are booking many orders and have taken on additional help.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone. 5335 Farragut

G. J. Carjanes, the "King Model Florist," has a good store at 2594 8th avenue and a branch store at 2634 8th avenue. He is well stocked with plants and cut flowers and is well prepared for the Christmas trade.

John V. Phillips, who has for many years been in business at 272 Fulton street and 7 Clinton street, Brooklyn, has for the convenience of his uptown customers, opened another store at 362 Flatbush avenue, Brooklyn.

Frank Traendly, of Traendly & Schenck, who was sick for several weeks, is all right again, is at the store every day and looks fine. His firm will have a good supply of stock for the Christmas trade.

Dr. Arthur R. Addy has recently erected a neat greenhouse in the rear of his residence, 808 Lenox road, Brooklyn, and is growing sweet peas and other stock for the market.

Louis C. Pajan, 2424 8th avenue, has a very attractive display of Christmas wreaths, bells and other decorations, as well as flowering and foliage plants and cut flowers.

J. K. Allen, the wholesaler of 118 West 28th street, has been somewhat indisposed during the past week and

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY

Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phonea { 1664 } Madison Square, 34 W. 28th St., New York
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Chrysan-
 themums, Bouvardias, Sweet Peas,
 Asparagus Plumosus Nanus, Smilax
 and Paper White Narcissus.
Send Your Christmas Orders.
 34 Years Experience in the Florist Business.
 Consignments Solicited.

Wholesale Flower Markets

	NEW YORK, Dec. 22.	Per 100
Roses, Beauty, special.....	40 00@	50 00
" " extra and fancy.....	30 00@	35 00
" " No. 1 and No. 2.....	20 00@	25 00
" Prima Donna, special.....	25 00@	30 00
" Alice Stanley.....	4 00@	12 00
" Francis Scott Key, special.....		12 00
" Mrs. Geo. Shawyer.....	3 00@	10 00
" White Killarney, special.....	8 00@	10 00
" Killarney, My Maryland.....		
" " special.....	8 00@	10 00
" " No. 1 and No. 2.....	3 00@	5 00
" " Queen.....	3 00@	10 00
" " Brilliant.....	3 00@	10 00
" Aaron Ward.....	3 00@	10 00
" Richmond.....	3 00@	10 00
" Sunburst.....	4 00@	10 00
" Taft.....	3 00@	10 00
" Milady.....	3 00@	10 00
" J. L. Mock.....	4 00@	12 00
" Hadley.....	4 00@	20 00
" Ophelia.....	4 00@	12 00
" Mrs. Chas. Russell.....	4 00@	15 00
" Hoosier Beauty.....	4 00@	15 00
Cattleya Orchids, special.....	60 00@	75 00
inferior gradea.....	20 00@	25 00
Oncidiums.....	per flower,	3c
Cypripedium.....	per doz.,	\$1.50@2.00
Lilies, Longiflorum and Harrisii.....		8 00
Lily of the Valley.....		3 00
Carnations.....	4 00@	6 00
Bouvardias.....	3 00@	5 00
Adiantum Croweanum and Hybridum.....	50@	75
Asparagus Plumosus.....	doz. bchs.	2 40@ 3 00
Smilax.....	doz. strings,	1 00
Chrysanthem'ns, special.....	per doz.	1 00@ 2 00
inferior grades.....	per doz.	25@ 75
Gardenias.....	per doz.,	4 00@ 6 00
Violets, single.....		1 00 @ 25
double.....		75@ 1 00
Sweet Peas, orchid flowered.....	1 25@	1 50
common.....	75@	1 00
Mignonette.....	per doz.,	50c@75c
Panajes, cut.....		1 00@ 1 25
Narcissus, Paper White.....		2 50
Stevia.....	per buoch,	25c
Poinsettias.....	per doz.,	\$2.00@\$3.00

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.

Desirable wall space to rent for advertising.

V. S. DORVAL. Secretary.

The Kervan Company
FRESH CUT EVERGREENS

and Mosses. Decorating Material for
 Florist Trade at Wholesale.

Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Geo. C. Siebrecht
WHOLESALE FLORIST

109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED



Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
 Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
20 Years' Experience.

has remained at home, but is not seriously ill.

S. Masur, of 236 Fulton street, Brooklyn, has taken another store to accommodate his heavy Christmas business.

The Regent Florist, 1908 7th avenue, next door to the Regent theatre, has a neat store and a good business.

The Chatmas Florists, 2726 8th avenue, have a good store and are well prepared to handle Christmas business.

N. J. Lales, 2528 8th avenue, has a fine store and conservatory, keeps good stock and turns out good work.

Visitors: E. Allan Pierce, Waltham, Mass.; Louis J. Reuter and George L. Stillman, Westerly, R. I.

A. F. F.

PORTLAND, ORE.—The Chappell Flower Shop has opened in the Broadway building on Morrison street.

United Cut Flower Co., Inc.
WHOLESALE

111 West 28th St., New York

Telephones: Farragut { 4422
 { 4423

PERCY W. RICHTERS, Manager.

HOUSE OF FERNS

Phone, Madison Square 4051.

41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Trsendly Charles Schenck

Trandly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones: 798 and 799 Farragut.

Orchids, Roses, Carnations and all the other best products of the leading growers. Consignments solicited.



GET ACQUAINTED WITH
**ARNOLD'S SPECIAL
PARCEL POST AND EXPRESS BOXES**



THEY INSURE SAFE DELIVERY

SPECIALS

BASKET BOXES.

This Box is made to carry all sizes of Baskets and can also be used for Plants. Made in one piece collapsible style and out of heavy 3-ply moisture-proof stock.

12x12x15.....	\$12.00	per 100
15x15x20.....	20.00	per 100
18x18x25.....	29.00	per 100
19x19x30.....	33.50	per 100

FOR EXPRESS SHIPMENTS.

The boxes listed below have met with great favor among the trade in general. Made from a heavy three-ply paraffined container board, which gives them great strength in addition to their moisture-proof qualities. This is the ideal box for long-distance shipments, as they insure the arrival of your goods in a fresh, uncrushed condition. Include an assortment in your next order. They will satisfy you and your customer.

Cover		per 100	Cover		per 100	Cover		per 100
24x 5x4.....	2 1/2	\$ 4 50	30x12x6.....	3	\$15 50	30x30x 9.....	4	\$31 00
30x 5x4.....	2 1/2	5 00	36x12x6.....	3	17 75	26x17x10.....	4	22 00
24x 8x4.....	2 1/2	5 75	36x14x8.....	3	20 00	24x20x10.....	4	22 00
28x 6x4.....	2 1/2	6 00	40x14x8.....	3	21 00	24x24x10.....	4	24 00
28x 8x5.....	2 1/2	6 50	42x17x8.....	3	24 00	28x28x10.....	4	30 00
36x 8x6.....	3	9 00	24x24x8.....	3	20 00			

Write for samples and prices on our full line of Florists' Boxes.

A. A. ARNOLD PAPER BOX CO., 1302-1308 W. Division Street, CHICAGO

Minneapolis.

HEAVY DEMAND IN ALL LINES.

Trade has been exceedingly brisk during the past week, cold weather and six inches of snow have shortened the supply, and there has been a good demand for everything in the line of flowers. Holly is plentiful, but there is a shortage of green. The former has been a good seller this season as most of the stores are decorated for the holiday season. Roses are quoted at from six cents to 20 cents, carnations bring from four cents to ten cents, lily of the valley sells at five cents and violets, home grown singles, are offered at \$1.50 per 100. Small flowering plants are scarce.

NOTES.

Several of the local florists have been laid up during the past week with the grippe, of which there is an epidemic in this city at present.

Rice Bros.' bowling team was defeated by the L. S. Donaldson Co.'s team, the latter winning two games out of three at the Elks' alleys, December 16. The feature of the game was the phenomenal rolling of Arthur Rice. High individual scores each game were rolled by Arthur Rice, Walter Mountain, of Rice Bros.' team, and Nick Jennings, of the Donaldson "pin smashers." T. C. R.

Bowling at New York.

The scores of New York Florists' Bowling Club for December 16 were as follows:

Miesem	189	189	228
Scott	145	182	160
Siebrecht	125	141	160
Ford	157	170	150
Jacobson	148	153	167
Ferrieh	150	170	170

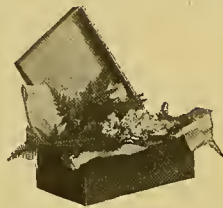
PROVIDENCE, R. I.—City commissioners have under consideration plans for a public garden to cost \$150,000.

STREATOR, ILL.—The Thornton Floral Co. has succeeded the Hill Floral Co., and will do a retail and wholesale business.

LOS ANGELES, CALIF.—P. J. Howard, landscape architect, announces the removal of his offices from the Marsh-Strong building to 1521 West Seventh street, between Union and Valencia.

AUBURNDALE, MASS.—F. W. Fletcher & Co., Inc., has been incorporated with a capital stock of \$25,000, and takes on the business and real estate of F. W. Fletcher and Lizzie Fletcher.

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company

161 Water Street, SANDUSKY, OHIO



FERNS, GREEN GALAX and LEUCOTHOE

Direct from the woods to the dealer. **NEW CROP NOW READY.**

- Dagger and Fancy Ferns...80c per 1000; case of 5,000, \$3.50
- Green and Bronze Galax...50c per 1000; case of 10,000, 4.00
- Green Leucothoe (long).....per 1000, 2.00
- Green Leucothoe (short).....per 1000, 1.00
- Rhododendron Leaves....per 1000, 50c; per case of 5000, 2.00

ELK GALAX & FERN CO.

TERMS CASH. **BANNER ELK, N. C.** Goods Guaranteed.



Southern Wild Smilax

\$2.50 per case.

- Natural Moss.....\$1.75 per bag
- Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens. **EVERGREEN, ALABAMA**

XMAS RIBBONS

- A splendid Xmas Red Ribbon. (Bolt of 10 yds.)
- No. 7.....\$0.40
- No. 8......50
- No. 9......65
- No. 10......75
- No. 11......85
- No. 12......95
- No. 13.....1.05
- No. 14.....1.15
- No. 15.....1.25
- No. 16.....1.35
- No. 17.....1.45
- No. 18.....1.55
- No. 19.....1.65
- No. 20.....1.75
- No. 21.....1.85
- No. 22.....1.95
- No. 23.....2.05
- No. 24.....2.15
- No. 25.....2.25
- No. 26.....2.35
- No. 27.....2.45
- No. 28.....2.55
- No. 29.....2.65
- No. 30.....2.75
- No. 31.....2.85
- No. 32.....2.95
- No. 33.....3.05
- No. 34.....3.15
- No. 35.....3.25
- No. 36.....3.35
- No. 37.....3.45
- No. 38.....3.55
- No. 39.....3.65
- No. 40.....3.75
- No. 41.....3.85
- No. 42.....3.95
- No. 43.....4.05
- No. 44.....4.15
- No. 45.....4.25
- No. 46.....4.35
- No. 47.....4.45
- No. 48.....4.55
- No. 49.....4.65
- No. 50.....4.75
- No. 51.....4.85
- No. 52.....4.95
- No. 53.....5.05
- No. 54.....5.15
- No. 55.....5.25
- No. 56.....5.35
- No. 57.....5.45
- No. 58.....5.55
- No. 59.....5.65
- No. 60.....5.75
- No. 61.....5.85
- No. 62.....5.95
- No. 63.....6.05
- No. 64.....6.15
- No. 65.....6.25
- No. 66.....6.35
- No. 67.....6.45
- No. 68.....6.55
- No. 69.....6.65
- No. 70.....6.75
- No. 71.....6.85
- No. 72.....6.95
- No. 73.....7.05
- No. 74.....7.15
- No. 75.....7.25
- No. 76.....7.35
- No. 77.....7.45
- No. 78.....7.55
- No. 79.....7.65
- No. 80.....7.75
- No. 81.....7.85
- No. 82.....7.95
- No. 83.....8.05
- No. 84.....8.15
- No. 85.....8.25
- No. 86.....8.35
- No. 87.....8.45
- No. 88.....8.55
- No. 89.....8.65
- No. 90.....8.75
- No. 91.....8.85
- No. 92.....8.95
- No. 93.....9.05
- No. 94.....9.15
- No. 95.....9.25
- No. 96.....9.35
- No. 97.....9.45
- No. 98.....9.55
- No. 99.....9.65
- No. 100.....9.75

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO

CLEVELAND, O.—Clarence Crane has opened a flower shop and tea room at 1132 Euclid avenue.

Retail Florists



Place Your Business Before More People

Your business can be easily increased by creating more and bigger sales with your present customers, and by creating new flower buyers through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

- Fall Planting
- Fall Announcement
- Thanksgiving
- Christmas

Send us your name and we will put you on our mailing list. Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated. on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE**FLORIST**

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements
Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.**AUGUST R. BAUMER,**

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTSNEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.**Young & Nugent**

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

...:FLOWERS:...:

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.**THE F. WALKER CO.**

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

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For Wisconsin Delivery

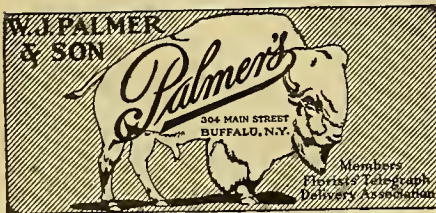
"HOME GROWN FLOWERS" Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

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La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40 Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August E., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Cross, Eli, Grand Rapids, Mich.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Durr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Hehl & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- Kottmiller, New York.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Langs, A., 25 E. Madison St., Chicago.
- Leborus, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Pikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldoechi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburg, Pa.
- Reuter's, New London, Conn.
- Reuter's, Norwich, Conn.
- Reuter's, Westerly, R. I.
- Rochester Floral Co., Rochester, Minn.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stumpp, G. E. M., New York.
- Trepel, Joseph, Brooklyn, N. Y.
- Walker Co., The F., Louisville, Ky.
- Whitted Floral Co., Manganese, Minn.
- Witthold, G., Co., 737 Buckingham Pl., Chicago.
- Wolfskill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Show, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Washington, D. C.

Blackistone

14th and H. Street.

Brooklyn, N. Y.

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334 Lewis Ave., Telephone
No. 1310 Bedford

Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

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Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL
Park Avenue and 34th Street



Main Phone, Murray Hill, 783
Branch 1808

426 Madison Ave.
And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

Mention the American Florist when writing

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N.Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Brooklyn, N. Y.—Joseph Trepel.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Petters.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Eli Cross.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Roht, C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- La Crosse, Wis.—La Crosse Floral Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metalrie Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Kottmiller.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Rochester Floral Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archbas Floral Co.
- Terre Haute, Ind.—J. G. Hehl & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackistone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.



Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN
INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street

BOSTON 799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

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J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.
Robt C. Kerr
Floral Co.
Main and McKinney Phone, Preston 160

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heint)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
Eli Cross
Orders properly cared for.
Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

St. Louis, Mo.
WIRE
Grimm & Gorly

KANSAS CITY, MISSOURI.
Rock's
FLOWERS
Members Florists' Telegraph Delivery Ass'n

CHICAGO
Engel
The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"
The Plaza, Ft. Smith, Ark
Springfield, Ill.

A. C. Brown
217 South Fifth Street
Springfield, Ill.
Mail and telegraph orders given prompt attention

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas, Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of The Florists' Telegraph Delivery.

Sedalla, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Telephone 1813 Main **JOS. LEVY**
BROOKLYN
Cut Flower Market, Inc.
Floral Desigos a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.
Floral Designs and
Choice Cut Flowers
Portland Flower Store
631 Congress St.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and
Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan
Mention the American Florist when writing

Rockford, Ill.
H. W. BUCKBEE.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Trade Directory
Price \$3.00 Postpaid.
AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

LATEST EDITION

ISSUED JULY, 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

VISITED CHICAGO: W. P. Stubbs, of Wood, Stubbs & Co., Louisville, Ky.

VISITED NEW YORK: L. W. Wheeler, of the Pieters-Wheeler Seed Co., Gilroy, Calif.

SCARCITY of garden beans, both wax and green pod, becomes more apparent every day.

PHILADELPHIA, PA.—The Philadelphia Seed Co. has increased its capital stock from \$25,000 to \$50,000.

ALBERT LEA, MINN.—Robert H. Black and Miss Carol H. Pankhurst were married at Rochester, Minn., December 18.

LIVINGSTON, MONT.—The Montana Seed Growers' Association will hold its third annual meeting and exhibition in this city January 18-20.

THE C. Herbert Coy Seed Co., Inc., of Valley, Neb., is mailing to its friends and customers a handsome calendar, showing a reproduction of one of Paul de Longprie's pictures of roses.

F. W. BRUGGERHOF, of J. M. Thorburn & Co., New York, though past the fourscore mark, is still active and alert, at the store every day, and can keep pace with any of the younger men.

THE seed growers think Uncle Sam will have to take the floor-sweepings this year. Why wouldn't this be a good time to abandon the free seed farce in the interest of the already heavily burdened taxpayers?

CHRISTMAS GREENS.—The Chicago bouquet green market closed bare with the price at \$10. Good florists' grade of holly sold out well, although there was considerable inferior stock in the hands of commission men December 22.

H. ROUMANILLE & FILS of St. Remy de Provence, France, mailed their wholesale catalog for seedsmen and dealers for the season 1915-16 on December 6. This would indicate that this firm is going on with its business, about which there has been some doubt during the recent months.

ILLUSTRATING the scarcity of popular varieties of beans, a grower who recently offered three bushels of Burpee's Stringless received 13 telegrams written on the day his offer reached the trade and five later ones, and 26 firms ordered them by mail, making a total of 41 orders for the three bushels of beans.

CHICAGO.—Prices for grass seed on the Board of Trade, December 22, were as follows: Timothy, \$5.50 to \$8.00 per 100 pounds.—A. Henderson & Co. are moving this week from River street to their new location at 211 North State street.—W. W. Barnard continues to improve and expects to leave the hospital this week, going to southern California for the winter.

Parcel Post Trouble Revived.

Chairman Therkildson, of the postal laws committee, of the American Seed Trade Association, advises that Representative Anderson has introduced house bill H. R. 636, which purposes to subject seeds, plants, etc., to the same rate of postage as other merchandise. Mr. Therkildson adds:

"It was by considerable effort we were able to keep seeds at the old rate of postage, two ounces for one cent up to and including eight ounces. It would be a mistake to let this bill slip through at this time after so much effort. It will be readily understood that the matter of having to zone over four ounces is going to add a very considerable burden."

Seedsmen and others interested are urged to write their representatives in



David Burpee.

congress and take such other steps as they may consider necessary to prevent this bill becoming law. Copies of their letters to senators, representatives, etc., should be addressed to W. F. Therkildson, 475 North Fifth street, Philadelphia, Pa.

David Burpee.

When changes of any character are made in the personnel of the official and governing boards of local banks and trust companies it seems to be always the evident aim and desire of the active management to select men who have proven their worth and ability in some special line of commercial, financial or industrial pursuit, and it naturally follows therefore that the directorates of Philadelphia financial institutions constitute a representation of business training and experience that is not surpassed by any other city in the United States.

An instance of this kind has been

the recent election of David Burpee as a member of the board of directors of the Market Street national bank, this action having taken place at a meeting held December 7, and having been made to fill a vacancy occasioned by the death of his father, the late W. Atlee Burpee, November 26. It is interesting to note in this connection that David Burpee, under the will of his father, becomes the active head of the well-known seed firm of W. Atlee Burpee & Co., the business of which was established in 1878; and his election as his father's successor in the directorate of the Market Street national bank has been a wise and judicious step. While comparatively young in years, he is yet a man of sound business training and experience, with a ready grasp and mastery of executive and financial detail, and he will undoubtedly prove a factor of strength in the future management of the bank's business.

David Burpee, like his father, is a man of winning qualities of personal character, and he has inherited those foundation traits of firmness, thrift and industry for which the late W. Atlee Burpee was so widely known and so highly esteemed in business and private walks of life. David Burpee is a member of the National Sweet Pea Society of Great Britain, Pennsylvania Horticultural Society, American Genetic Association and the American Sweet Pea Society. He is a member of the Union League of Philadelphia, Canadian Society, Harris club, City club, Merion Cricket club, Golf club and the Lansdowne country club. He is also a director of the Bucks County Trust Company. His wide circle of warm personal friends and acquaintances are delighted with the announcement of his election as a member of the board of directors of the Market Street national bank, and all who know him hope that this will be the stepping stone to still higher honors in the future.—Philadelphia Journal of Commerce.

New York Seed Trade.

At the store of Kennedy & Hunter, 156 West Thirty-fourth street, we have noticed evidence of activity. A. R. Kenney, the head of this firm was out on a trip among customers when we called, but Jos. M. Brown, his clever assistant, stated that fall business has exceeded their expectations.

Wm Elliott has so far recovered from the accident, having been struck by an automobile, that he can make visits to the store. Though no bones

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California



Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan

Seed Growers

SAN JOSE, CALIFORNIA

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Company

THE MACNIFF HORTICULTURAL COMPANY

54-56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

were broken, he was badly bruised and shocked.

The MacNiff Horticultural Co. received more stock from Holland on the S. S. Noordam, which arrived December 17.

John Wilk, 155 West Thirty-third street, near the Pennsylvania terminal, reports the fall business has been good.

The A. T. Boddington Co. will move into more commodious quarters at 128 Chambers street about January 1.

Dennis Kenna, for many years with Vaughan's Seed Store, Chicago, has returned to J. M. Thorburn & Co.

James Meikeljohn, formerly with the H. Frank Darrow Co., is now on the road for McHutchison & Co.

At Herman's Seed Store, 140 East Thirty-fourth street, they have had a good season in bulbs.

Downtown stores are complaining of slow Christmas trade.

Imports at New York.

During the week ending December 18, imports were received as follows:

H. F. Darrow Co., 163 bbls. seeds (Havre, France), 356 packages seeds (Bordeaux, France).

Peter Henderson & Co., 120 sacks, 1 case seeds (Bordeaux, France).

Vaughan's Seed Store, 30 bbls. seeds (Havre, France).

S. D. Woodruff & Sons, 7 packages seeds (Havre, France).

P. Ouwerkerk, 107 cases trees, etc. (Hull, Eng.).

McHutchison & Co., 7 cases plants (Liverpool, Eng.).

To order and others, 886 bbls., 400 bags, 1,443 packages seeds, (Havre, France), 449 bbls., 839 packages, 91 sacks seeds, 4 cases plants (Bordeaux, France).

During the week ending December 25, imports were received as follows:

MacNiff Hort. Co., 8 boxes plants (Bermuda) 19 cases trees (Rotterdam, Holland).

McHutchison & Co., 7 cases trees (Liverpool, Eng.), 26 cases bulbs, 22 cases trees, etc., (Rotterdam, Holland).

Vaughan's Seed Store, 10 cases roots (Rotterdam, Holland).

W. E. Marshall & Co., 20 cases roots (Rotterdam, Holland).

Kennedy & Co., 128 bags seed (Rotterdam, Holland).

To order and others, 199 tubs trees, 94 cases bulbs, 236 cases trees, shrubs, 125 cases lily of the valley pips, 134 cases roots, 82 bags seeds (Rotterdam, Holland).

VINCENNES, IND.—Paul C. Schultz will erect a handsome flower shop with conservatory attached on Main street. It will be the first retail florist establishment ever opened in the downtown district in this city.



1 No. 1—New Davis Perfect
2 No. 2—Rawsons Arlington White Spine
3 No. 3—Cool and Crisp
4 No. 4—Cumberland
5 No. 5—Improved White Spine
6 No. 6—Fordhook Famous

CUCUMBER
Grown Under Irrigation by
WESTERN SEED & IRRIGATION CO. Fremont, Nebraska

Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract.

Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready January 1.

Langport, England.

SPECIAL

COLD STORAGE VALLEY

Packed in cases of 500 and 2000.
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Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

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They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia Speciosa.....	\$0.10 \$0.50
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Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
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Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia, Calif. Giants.....	.25	Thunbergia.....	.10 .40
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5,000 or more seeds.....	\$1.30 per 1000
20,000 " ".....	1.20 "
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Delivered free anywhere in the United States upon receipt of remittance.

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Peas, Beans and Sweet Corn.
 Peas and Beans, Michigan Grown.
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Ask for prices now, 1915 crop.

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 Established 1883.

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Beans, Peas, Sweet Corn, Onion, Turnip
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Beet, Sweet Corn, Garden Beans, Onion Sets, and Seed Potatoes in variety. Also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

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Florists' Money Maker, best Valley at moderate prices, \$16.00 for 1000; \$8.50 for 500; \$4.50 for 250; \$2.00 per 100.

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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar Flint and Field Seed Corns.

Beans Wanted

Quote prices and mail samples, new crop Bean Seed. I pay cash.

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Coming-**CHAMP WEILAND**-In March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

OWN ROOT	
100 plants for.....	\$ 30.00
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500 plants for.....	125.00
1000 plants for.....	250.00

Orders filled
strictly in the
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100 plants for.....	\$ 35.00
250 plants for.....	82.50
500 plants for.....	150.00
1000 plants for.....	300.00

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for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

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THE G. HERBERT COY SEED CO.

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CONTRACT GROWERS OF
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Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

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James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

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S. M. Isbell & Co.,

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CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn. Correspondence solicited.

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ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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PHOTO 3/8 SIZE.



Fill Your Empty
Benches Now With
GLADIOLUS

We are growers of this stock in quantity and the bulbs we send out for forcing under glass are especially selected for this purpose.

Mrs. Francis King, First Size	} Write	For Prices
Augusta, - - - " "		
America, - - - " "		
Chicago White, - " "		
Florist XXX Mixed, " "	} and	Samples.

We can also supply "Medium Size" bulbs of the above varieties.

1916 Prices on all leading kinds are ready.

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97th Year

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Growers of Pedigree Tomato Seeds Baltimore, Md.

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Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips. Growing Crops Given Personal Attention.

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Have just received a small surplus of
**Japan Grown Freesias and
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Cold storage **GIGANTEUMS** always on hand.
Write for prices.

Yokohama Nursery Co., Ltd.
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Market Gardeners

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of America.

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Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, December 21.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 30 cents; radishes, \$1.00 to \$1.25 per 100 bunches; celery, 10 to 20 cents per bunch; tomatoes, four baskets, \$1.25 to \$1.65; cucumbers, dozen, \$1.00 to \$1.50.

New York, December 21.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.25 per dozen; mushrooms, \$1.20 to \$1.50 per 4-pound basket; tomatoes, 10 cents to 30 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 25 cents to \$1.00.

Chinese Cabbage.

Considerable interest has recently developed among greenhouse men in regard to the new Chinese cabbage; it is also known as celery cabbage, and we have even come across a newspaper article stating it to be a cross between celery and cabbage. This latter description is of course ridiculous, and is in line with some other news items we get occasionally, some writers believing that anything can be "crossed" with wonderful results. The plant resembles a turnip more than anything else, but instead of developing the root, it heads into a hard, long and finely bleached head. This is esteemed for salad dishes by a few who have become familiar with the plant, and the chances are good that with more general distribution, the demand may grow to a point where this plant can be added to our greenhouse crops. In most sections of our country it will have to be grown under glass, as the plant is extremely sensitive to heat, and adverse weather in general. Also, it succumbs readily to the cabbage maggot, which reduces its chances for an outdoor crop. We are trying it out under glass this season in a lettuce temperature, and so far they have done well, having produced some fine heads. The first lot were started outdoors in cold frame and planted inside early in October, 18x18 inches, and they are now headed. The next were started indoors entirely and we reduced the distance to 15x15 inches. It will take some time to determine upon the cultural methods, but so far we have noticed that they are sensitive to heat, excessive moisture, to aphids attack and tobacco smoke. To produce them means careful culture. We will report results later on.

MARKETMAN.

Peppermint and Spearmint as Crops.

The annual production of peppermint and spearmint oil in the United States is estimated by the United States department of agriculture at about 250,000 pounds out of a total production throughout the world of about 600,000 pounds. Practically all

of this oil is produced in Michigan, Indiana, and New York, a little less than 25,000 acres being planted to mint in these states. It is said, however, that there are other localities in which the industry could be profitably developed if there were a greater demand for the oil, but as the price of peppermint and spearmint fluctuates widely, the industry would be likely to suffer from overproduction if the acreage were rapidly extended. On the muck lands of southern Michigan and northern Indiana the cost of establishing and caring for an acre of mint during the first season is about \$30. In subsequent years the cost would be about \$15. In Wayne county, New York, where mint is cultivated on uplands, the cost of preparing the land is less, but the tillage costs, on the other hand, are higher because of the greater quantity of labor required. In Michigan and Indiana many growers have invested considerable capital and have provided equipments which enable them to handle the product in an economical manner.

The yield of oil per acre varies, ranging from almost nothing to 100 pounds. About 325 pounds of peppermint and 340 pounds of spearmint are required to produce a pound of oil in commercial practice. For peppermint oil, the average trade price for the last 40 years has been \$2.50 a pound, although it has fallen as low as 75 cents. Spearmint oil, which used to be cheaper than peppermint, has averaged for the past five years, \$3.55 a pound.

In Michigan and Indiana the large plantations have of late years installed their own distilling plants. For growers who do not have their own distilling plants, the customary charge for distilling oil has been fixed at 25 cents a pound.

Both peppermint and spearmint thrive best in deep soils, rich in humus and retentive of moisture, but fairly open in texture and well drained. They may also be grown successfully in well prepared upland soils, such as those suitable for corn or potatoes. The area selected should be summer fallowed for one or two years before the mint is set out, or else it should be cropped with some plant that requires clean and frequent tillage. The tillage is also continued as long as possible during the growth of the crop, for successful mint growing implies clean culture at all stages of progress.

On suitable soil and with proper cultivation, yields of from two to three tons of mint herb per acre may be expected. As has already been said, however, the yield of oil is extremely variable and large yields can only be

expected from fields that are in the best possible condition. A fair average for well managed commercial plantings may be said to be 30 pounds of oil per acre. Since the oil is the chief marketable product, adequate distilling facilities and a market for the oil are essential to success in the industry and the prospective mint grower should assure himself on these points before investing capital in plantations.

ST. PAUL, MINN.—The Minnesota Potato Growers' Association will hold its first annual meeting in the Administration building University farm, January 5, 1916.

CINCINNATI, O.—The William Murphy Co. has been incorporated by Mrs. Laura Murphy, Misses Alice, Laura and Claire Murphy, and W. Ray Murphy. Capital stock, \$10,000.

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

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Watch for our Trade Mark stamped
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Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated hook, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all
CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas
Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations
Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious
Stocks, Verbena, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own best grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

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It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6	28 to 30	\$1.00 \$12.00
6-in. pot.....	6	34 to 36	1.50 18.00

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Made-up Kentia Forsteriana			
	In. high	Each	Per doz.
7-in. cedar tub, 4 plants in tub, 36		\$ 2.50	
7-in. cedar tub, 4 plants in tub, 36 to 40.....		3.00	
9-in. cedar tub, 4 plants in tub, 40 to 42.....		4.00	
12-in. cedar tub, 4 plants in tub, 5 to 5 3/4 ft., heavy		10.00	
12-in. cedar tub, 4 plants in tub, 5 3/4 to 6 ft., heavy		12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy		15.00	
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy		18.00	

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2 1/2-in. pot.....	4	8 to 10	\$1.50
3-in. pot.....	5		2.00
4-in. pot.....	5 to 6		4.50
5-in. pot.....	6 to 7		6.00
6-in. pot.....	6 to 7		1.00 12.00
6-in. pot.....	6 to 7	24	1.25 15.00
6-in. pot.....	6 to 7	28 to 30	1.50 18.00
7-in. cedar tub.....	6 to 7	34 to 36	2.50 30.00
9-in. cedar tub.....	6 to 7	5 ft., very heavy	8.00

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JOSEPH HEACOCK CO. Railway Station, Jenkintown, Wyncote, Pa.

Fine stock of
KENTIAS
 in all sizes. Write for prices.

Asplenium Nidus Avis
 (Bird's-nest Fern)
 in 7, 8, 9 and 10 in. pans at greatly reduced prices.
 Fine for the Holiday trade.
 Fernish Ferns in flats and 2 1/2-inch pots a Specialty.
 Write for Wholesale Catalogue to

H. PLATH
 THE FERNERIES
 Lawrence and Winnipeg Avenues
 SAN FRANCISCO, - CALIF.

THE COST OF GROWING
CHRYSANTHEMUMS

Is not always measured by the quality produced, as some varieties give better returns from the same effort.

We grow nothing but Chrysanthemums and may be able to make timely suggestions to those growing unsatisfactory kinds.

It costs nothing but the asking.

Elmer D. Smith & Co., Adrian, Mich.

PRIMROSES
 Per 100 Per 1000

Obc. Alba, Rosea and Ruby.
 2 1/4 in pot \$1.50 \$10.00

Obc. Gigantea, 2 1/4 in. pot... 2.00 15.00

Asp. Plumosus, 2 1/4 in. pot.. 1.75 17.00

Boston Ferns, from beds....15.00

Vinca Var., 3 1/2 in. pots, cut back 5.00

Pansy Plants, giant flowering 2.50

—CASH—

Jos. H. Cunningham, DELAWARE, OHIO.


Asparagus Plumosus Nanus
 (NEW CROP—READY NOW)

Plump and of high germinating quality, Northern Greenhouse grown, the same high class strain as supplied by us for the last 15 years.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50; 5000 to 10,000 seeds at \$3.25 per 1000.

All other seasonable Flower Seeds

Vaughan's Seed Store
 CHICAGO NEW YORK



GERANIUMS

Our Guarantee holds good all the year, for any point in United States east of Mississippi River.

S. A. Nutt.....\$12.50 per 1000

Ricard and Poitevine..... 15.00

Buddleia Asiatica, a winter blooming variety every florist should grow, either for cut flowers or as a pot plant.

Rooted Cuttings via parcel post, \$2.50 per 100.
 From rose pots at \$5.00 per 100.

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In mixed color or separate white, yellow and purple, at

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This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,
 Sutphin Road and Rockaway Boulevard
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Roses, from 3-inch pots. Chrysanthemums
 Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.
 Prices low. Send for list.

Wood Brothers, FISHKILL New York

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary. Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ST. JOSEPH, Mo.—The Kelsey Nursery Co. has leased 180 acres of land which now makes about 300 acres, which will be used for growing nursery stock.

MICHIGAN is rapidly becoming free from insect pests which threatened the horticultural interests of the state a few years ago according to Prof. L. R. Taft, East Lansing, state inspector of orchards.

Alaskan National Forest Cut in Half.

The area of the Chugach National Forest, Alaska, which is to be crossed by the railroad that the government is building from Seward to Fairbanks, is reduced nearly one-half by a proclamation, signed by President Wilson, returning approximately 5,802,000 acres to the public domain. The boundaries of the forest, as redrawn by the President's proclamation, now contain approximately 5,818,000 acres, supporting about eight billion feet of merchantable timber. On the area thrown out of the forest there is in the aggregate a large amount of timber, but it is so sparse and scattered as to be of little or no commercial value. The land remaining within the forest, however, contains the largest and most accessible supply of timber for the development of the great mineral fields to the north of Bering river, and is the region in which the Alaskan engineering commission has been authorized to cut 85 million feet of timber for use in constructing the government's new railroad. On account of the time required for cutting and seasoning construction timber, the commission has had to purchase some lumber from Washington and Oregon, but as cutting has already commenced on the Chugach, it is expected that the Alaskan timber will soon be serving the needs of the railroad builders.

"Cherries of New York"

The fourth in the splendid series of monographs on the fruits of temperate North America has been issued by the New York Agricultural Experiment Station. This book of 370 pages by Y. P. Hedrick compares favorably with the preceding volumes and contains an historical account of cultivated cherries, the botany of this fruit, a statement of its present economic status in America, descriptions of all known varieties of cherries, the synonymy and bibliography of the species and varieties and biographical sketches of the persons who have contributed materially to cherry culture in America. The most important varieties are illustrated in colors, and the frontispiece is an excellent portrait of the late Charles Downing.

In his preface to this monograph Mr. Hedrick continues: "Everything that was thought would be helpful in breeding cherries has been included,

and special search has been made for such material. So, too, whatever was thought to be of interest to students of ecology and of plant distribution has been added. In the monographs on grapes and plums it was necessary to devote much space to the botanical relationship of these fruits since each contains more than a score of species under cultivation, some of which are scarcely known and most of which are extremely variable. The botany of cultivated cherries is comparatively simple and has been made plain by botanical writers. Yet the contemplation of the several species from a horticultural standpoint adds something, we believe, to the botany of cherries, especially as concerns the forms of the sweet cherry and the sour cherry which have been variously treated by botanists. As compared with their congeners, especially the plums, the economic species of cherries are remarkably well delimited, showing far less responsiveness to environment and having seemingly less inherent variation, so that there need be little confusion in botanical classification. On the other hand varieties are so similar that it is only with the greatest difficulty that closely related sorts are distinguished and there is great confusion in the synonymy, the chief task of the present work being to distinguish the true names from the synonyms of the varieties described. In The Cherries of New York, as in the preceding fruit books from this station, effort has been made to give as accurately as possible the region in which the species and varieties grow best and to set forth fully the local prejudices of the fruits. Such knowledge can not but be of value in determining the factors which govern the distribution of plants. The establishment of community relationships and description of plant communities now constitute an important part of botany on the one side and of geography on the other. No phenomena give better expression of the climate and the soil of a region than plant communities. When monographs of several of the fruits of temperate North America shall have been completed, with statements of likes and dislikes of the fruits and their varieties as to climate and soil, material should be available to establish plant communities from which can be drawn valuable generalizations."

The earlier monographs in this series were on apples, grapes and plums.

PATERSON, N. J.—Edward Seery, well-known florist and park commissioner, has been seriously ill and confined to his home.

Roses

On Canina Stocks

Write for Prices

Ask for the new Polyantha MARY BRUNI

Royal Nurseries

GRATAMA BROS. & CO.

HOOGEVEEN (HOLLAND).

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.
Send for list—We sell to the Trade only.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Mention the American Florist when writing

PEONIES and IRIS

Write for list.

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ROSES, CANNAS Shrubbery

THE BONARD & JONES CO.,
West Grove, Penna.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

Amor River Privet,
Berberis Thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
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The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the **American Florist Co.'s Trade Directory**. I haven't one. Send me a copy.

Yours truly,
JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

Kentias

We have a Fine Stock Ready Now

Kentia Forsteriana

- 4-inch pots, 16 inches high.....\$0.25
- 6-inch pots, 28-30 inches high..... 1.00
- 6-inch pots, 36 inches high 1.50
- 7-inch pots, 40-42 inches high 2.50
- 7-inch pots, 38-40 inches high..... 2.00
- 9-inch combination in green tubs,
4½-5 feet high 5.00

Kentia Belmoreana

- 4-inch pots, 16-18 inches high.....\$0.35
- 6-inch pots, 22 inches high 1.00
- 6-inch pots, 24-26 inches high..... 1.25
- 6-inch pots, 30 inches high..... 1.50

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 - 4 -in. Asparagus Sprengeri..... 6.50 60.00
 - 2½-in. Begonia, Flowering, 12 kinds..... 5.50 50.00
 - 4 -in. Chinese Primroses..... 7.50 70.00
 - 2½-in. Cinerarias, Choice mixed..... 2.50 22.50
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 - 3 -in. Cyclamen, Fine plants..... 7.50 70.00
 - 2½-in. Double Fetunias 2.75 25.00
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 - 3½-in. Primula Obconicas..... 6.00 55.00
 - 2¼-in. Geraniums, 15 varieties..... 2.25 20.00
 - 3½-in. Stevia, Dwarf or tall..... 7.00 65.00
 - 4 -in. Ferns, Boston, Scottii, Whitman, Roosevelt, Scholzei..... 20.00
 - 5-6-7-in. Dracaena Indivisa, \$15.00, \$20.00, \$25.00 per 100.
 - Violet Plants, Field grown, Princess of Wales, \$5.00 per 100 \$45.00 per 1000

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- Pyramids, 2 -ft.....\$1.00 each
- Pyramids, 2½-ft..... 1.50 each
- Pyramids, 3 -ft..... 2.00 each
- Pyramids, 3½-ft..... 2.50 each
- Standard Shape, 14x14 in..... 2.50 each
- Globes, 14x14 in..... 3.00 each
- Heavy Bushes, 2-ft..... 1.50 each
- Nice Bushes, 15-in..... .35c each

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- The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.
 - Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.
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 - Parsley, double curled, \$2.50 per 1000.
- Good packing—prompt shipment.

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| Baby Tausendschon | Jonkheer J. L. Mock | Dean Hole |
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| Kaiserin Augusta Victoria | (Red Kaiserin) | Clotilde Soupert, |
| Killarney | Farbenkonigen | \$12.00 per 100. |
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Unless noted, \$15.00 per 100.

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| Climbing American Beauty..... | Per 100 \$17.50 | Hiawatha..... | Per 100 \$12.00 |
| Crimson Rambler..... | 12.00 | White Dorothy..... | 10.00 |
| Excelsa (Red Dorothy Perkins) | 12.00 | | |

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E. TURBAT & CO.

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Roses. One of the most extensive existing collection, deliverable as dwarfs, on their own roots; grafted on dog rose roots; budded on dog rose seedlings; in all the best old and new varieties; also as standards or tree roses.

Rose Stocks. Such as Rosa Canina, of which we have largely increased our production; Manetti, Grifferaic, Laxs, Multiflora, Polyantha, etc.

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Young Deciduous Ornamental Trees and Shrubs.

Very important collection.

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FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type. Best of all frilled ferns, 2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

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The most prolific Rose Pink Carnation on the market. Every visitor places an order.

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Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

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Alyssum (Giant and dwarf double).
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2 inch, \$2.00 per 100; \$18.50 per 10 0.
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 SPRINGFIELD, OHIO.

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High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

New Orleans.

A regular meeting of the New Orleans Horticultural Society was held Thursday, December 16, at 8 p. m., with H. Scheuermann, presiding, and C. R. Panter, secretary. After routine business had been disposed of, the special order of business, the flower show, was taken up. P. A. Chopin on behalf of the committee appointed to secure a suitable hall, reported that he had taken up the matter of securing space in one of the large department stores so that we could give a free show, but had met with no success, due to the fact that the Maison Blanche store, which first made the suggestion would not have their plans perfected by April, but that we could obtain the Athenaeum at very reasonable terms for this particular purpose. The committee was instructed to obtain the Athenaeum for four days in the second week in April. The matter of price of admission is to be fixed by the committee. The committee was also instructed to fix prices per square foot for space for exhibitors. It was also decided that exhibitors from other states would be allowed to exhibit under such terms and regulations as would be arranged by the committee. This latter clause is an innovation for this society and we expect that those who have been doing business in this city for many years will take advantage of this concession. The committee of arrangements consists of all exhibitors with P. A. Chopin as chairman and C. R. Panter, 2320 Calhoun street, as secretary-treasurer.
 CHAS. R. PANTER, Sec'y.

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....\$3.00 each
 10-inch tubs, 40 to 44 inches high, at..... 5.00 each

Kentia Forsteriana, made up, bushy plants, in good tubs.
 7-inch tubs, 3 plants in a tub, 36 inches high, at..... \$3.00
 8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at..... 3.50
 8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00
 8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00
 9-inch tubs 3 plants in a tub, 48 to 54 inches high, at..... 6.00
 10-inch tubs, 4 plants in a tub, 54 to 60 inches high, at..... 7.50

Asparagus Sprengeri, strong 3-in.....\$ 5.00 per 100
Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15 00 per 100: strong 5 in. pots..... 25.00 per 100
Dracaena Terminalis, strong 5-in, well colored..... \$7.00 per doz.; 50.00 per 100
Hydrangeas, French sorts, assorted, and **Otaksa**, pot-grown; 4-in. pot plants, \$15 00 per 100; 5-in. pot plants..... 20.00 per 100
Adiantum Glory of Mordrecht, 4-in. pot plants..... \$4.00 per doz.; 25.00 per 100
Fern Dish Ferns, all standard varieties..... 100, \$3.00; 1000, \$25.00
Ficus Elastica, 5-in. pots, 18 in. high, broad leaved, at..... 40
Adiantum Glory Mordrecht, 5-in., very fine..... \$4.50 per doz.; \$30.00 per 100
Heliotrope, 2 1/4-in., purple or white..... \$3.00 per 100
Lantanas, 8 varieties, 2 1/4-in..... \$4 00 per 100

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Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress	\$2.00	\$18.00
Rose-Pink Enchantress	2.00	18.00
White Enchantress	2.00	18.00
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Philadelphia	2.00	18.00
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Extra fine stock—Ready for immediate shipment.

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Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

AMPELOPSIS.

Ampelopsis Veitchii, 1-year-old field plants to pot up, \$1.50 per 100. Heavy 2-year, long tops, \$5 and \$8 per 100. BENJ. CONNELL, Merchantville, N. J.

ARAUCARIAS.

Araucaria Robusta Compacta, 2 to 3 tiers, \$1 each; 3 to 4 tiers, \$1.50, \$2, \$2.50 each. Araucaria excelsa, 3 to 4 tiers, \$1 each; 4 to 5 tiers, \$1.50 each; 5 tiers, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 4-inch, 3 tiers, \$5.50 per doz.; \$40 per 100. 5-inch, 2 ft., 5 tiers, \$1 each. \$10 per doz. 6-inch, 2½ ft., 6 tiers, \$1.25 each, \$14 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

ASPARAGUS.

Asparagus plumosus, 2½-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$7.50 per 100; \$70 per 1,000. Sprengeri, 2½-in., \$2.50 per 100; \$22.50 per 1,000; 4-in., \$6.50 per 100; \$60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus plumosus, 2½-inch, \$2.50 per 100; 3-inch, \$5; made up in pans, \$4.20 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

2,000 Asparagus Plumosus, 2-in., \$1.75 per 100. Nice stock. Cash. Le Roy N. Brown & Son, P. O. Box 143, Clyde, Ohio.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS SPRENGERI, strong 4-in., \$5 per 100; 3-in., \$3.50 per 100. Cash. H. A. COOK, OBERLIN, O.

Asparagus plumosus, 2½-in., \$1.75 per 100; \$17 per 1,000. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

ASPIDISTRAS.

Aspidistra Lurida, green, 5-inch pots, 10 to 12 leaves, \$1 each, variegated, 5-inch pots, 10 to 12 leaves, \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS.

Azaleas, \$1, \$1.25 and \$1.50 each; extra large size, 22 inches across, \$3 and \$3.50 each. Geo. A. Kuhl, Pekin, Ill.

Azaleas, limited supply, \$1, \$1.25, \$1.50, \$2 \$2.50, \$3.50, \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS—Van der Cnynssen, Nipbe, J. Llewelyn, Wm. J. Vervaene, 65c, 85c and \$1.10 each. ERNEST ROBER, Wilmette, Ill.

BEGONIAS.

BEGONIA LORRAINE.			
Per 100		Per 100	
2½-inch.....	\$12.00	4-inch.....	\$35.00
3 -inch.....	20.00	5-inch.....	50.00
BEGONIA GLORY OF CINCINNATI.			
Per 100		Per 100	
2½-inch.....	\$15.00	3½-inch.....	\$30.00
3 -inch.....	25.00	4½-inch.....	40.00
JULIUS ROEHRS CO., Rutherford, N. J.			

BEGONIAS.	
	Per 100
Xmas Red, 2½-in.....	\$ 6.00
Xmas Red, 3-in.....	10.00
Erfordii, 2½-in.....	3.00
Erfordii, 3-in.....	6.00
Prima Donna, 2½-in.....	3.00
Smithii, 2½-in.....	3.00
Chatelaine, 2½-in.....	3.50
ERNEST ROBER, Wilmette, Ill.	

Begonias, Cincinnati, 3-in., 15c each; 4-in., \$4 per doz.; 5-in., \$8; 6-in., \$9 and \$12 per doz. Lorraine, 4-in., \$3 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Gloire de Chatelaine, Prima Donna and Pfitzer Triumph, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Begonias, flowering, 12 kinds, 2½-in., \$5.50 per 100; \$50 per 1,000. Alonzo J. Bryan, Washington, N. J.

BERRIED PLANTS.

BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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BOXWOODS. PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2½ ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

THE D. HILL NURSERY CO., INC., Box 404, Dundee, Illinois.

Boxwood, bushes, 10 to 12-inch, 25c each; 12-inch, 35c; 15-inch, 60c; 18-inch, \$1. Standard Globes, with short stems, 16 to 18-inch heads, \$4 each; 12 to 18-inch stems, 15-inch crowns, \$2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2½ ft., \$1.50; 3 ft., \$2; 3½ ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

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Bulbs, Giganteum, 7-9-inch, 300 to case, \$50 per 1,000; 8-9-inch, 250 to case, \$70 per 1,000; 8-10-inch, 225 per case, \$80 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia.

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Bulbs, Japan grown freesias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Mrs. Francis King, Augusta, America, Chicago White, Florist XXX Mixed. Write for prices and samples. Vaughan's Seed Store, Chicago and New York.

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	100	1,000	
Aviator	\$12.00	\$100.00	
Alice	6.00	50.00	
Good Cheer	6.00	50.00	
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Beacon	3.00	25.00	
White Wonder	3.00	25.00	
Matchless	3.00	25.00	
Gloria	3.00	25.00	
Princess Dagmar	3.00	25.00	
Benora	3.00	25.00	
Rose Pink Enchantress.....	2.50	20.00	
Champion	2.50	20.00	
Enchantress Supreme	2.50	20.00	
Enchantress	2.50	20.00	
Mrs. C. W. Ward.....	2.50	20.00	
Philadelphia	2.50	20.00	
Peerless Pink	2.50	20.00	
Northport	2.50	20.00	
Conquest	2.50	20.00	
White Enchantress	2.50	20.00	
25 or more at 100 rate. 250 or more at 1,000 rate.			
First class guaranteed cuttings.			
J. D. THOMPSON CARNATION CO., Joliet, Ill.			

Carnation cuttings. Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Philadelphia, \$2 per 100; \$18 per 1,000. Champion, \$3 per 100; \$25 per 1,000. Beacon, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

CARNATION ROOTED CUTTINGS, Delivery January 1st.			
We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower.			
Matchless, Enchantress Supreme,			
Mrs. C. W. Ward, White Enchantress,			
Beacon, Enchantress.			
\$25 per 1,000; 250 at the 1,000 rate. Less 10% if bank draft with order.			
ELITCH-LONG GREENHOUSES, Denver, Colo.			

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

We offer to the trade strong, healthy rooted cuttings grown from selected stock plants for spring delivery of the following varieties: Alice, Good Cheer, \$6 per 100; \$50 per 1,000. White Wonder, Matchless, Perfection, Champion, Herald, Beacon, Gloriosa, Enchantress, \$3 per 100; \$25 per 1,000. GREENWOOD CARNATION CO., North Milwaukee, Wis.

CHRYSANTHEMUMS.

Chrysanthemums, 1916 novelties, novelties for 1915, standard varieties, pompons, anemones, singles. Prices on application. Elmer D. Smith & Co., Adrian, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

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Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, finest varieties, 5-inch, 50c; 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

Cyclamen, 3-inch mixed colors, \$8 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

CYCLAMEN—IMPROVED WANDSBEK TYPE—In excellent condition; ready for shift; mostly pink, red and salmon colors; 2½-in., \$5 per 100; 3-in., \$7 and \$10 per 100; 4-in., \$12.50 and \$18 per 100; 5-in., \$35 and \$50 per 100. **SEEDLINGS**—(August) Improved Wandsbek, 8 varieties equally divided, \$2.50 per 100; \$20 per 1,000; 500 at 1,000 rate. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM, mostly salmon shades in bud and flower, 4-inch select, well grown plants at 20c; 4-inch with plenty of flowers and bud, but thin foliage; good for making up at 14c. Cash please. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 8 vars., 2½-in., \$4.50 per 100; \$40 per 1,000; 3-in., \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, \$2.50 per 100; \$20 per 1,000. A. Henderson & Co., 211 N. State St., Chicago.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Klod'a Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAHLIAS—Rare varieties, something good; no junk at living prices. Seed best grade all classes, 25c per pkt. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. **ETOILE D'OR**, 2-inch, \$4.00 per 100. Boston Yellow, 2½-in., \$5.00 per 100. Cash, please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

DRACAENAS.

Dracaena, Massangeana, 5-inch, 75c each. D. Stricta Grandis, 5-inch, \$1 each. D. Amabilis, 6-inch, \$1 and \$1.25 each. D. Terminalis Roaea, 3-inch, \$3 per doz.; 4-inch, 40c each; \$4.50 per doz.; 5-inch, 75c each; \$7.50 per doz. D. Godseffiana, per doz., \$1. D. Baptistii, 6-inch, \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

50,000 extra healthy and large field-grown DRACAENA INDIVISA, \$15, \$20 and \$25 per 100; any quantity. Try them. Also 7,000, 6, 7 and 8-inch pot-grown. ALONZO J. BRYAN, Wholesale Florist, Washington, New Jersey.

Dracaena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Ferns, Adiantum Mordrecht, 4-in., \$4 per doz.; \$25 per 100; 5-in., \$4.50 per doz.; \$30 per 100. Ferns for dishes, standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Ferns—strong pot-grown, 3-inch, \$5 per 100. Aspidium Tsusimensse, Cyrtomium Falcatum, Pteris Serrulata Cristata, Pteris Wilsonii. FLORACROFT GARDENS, Moorestown, N. J.

FERNS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices for holiday trade. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. Whitman, 5-in., 20c; 6-in., 35c; The Geo. Wittbold Co., 737 Buckingham Place, Chicago, Ill.

Ferns, Roosevelt and Whitman, 6-inch, 50c; 7-inch, 75c. Roosevelt and Boston, 10-inch, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, Scott, Whitman, Roosevelt, Scholzell, 4-inch, \$20 per 100. Alonzo J. Bryan, Washington, N. J.

Roosevelt fern—runners, \$3.50 per 100; \$30.00 per 1,000. Burr's Greenhouses, Freeport, Maine.

Table ferns, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomla, Ill.

Boston ferns from beds, \$15 per 100. Joa. H. Cunningham, Delaware, O.

Ferns, Boston and Whitman, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emman, Newton, N. J.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GENISTAS.

Genistas, 5-in., \$20 per 100. Jackson & Perkins Co., Newark, New York.

GERANIUMS.

Geraniums, good assortment of standard aorta, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, rooted in silica rock sand, show a better color and grow better. Let me have your order for Nutt, Poitevine, Ricard and La Favorite, \$12.50 per 1,000 cash. JAMES MOSS, Johnsville, Pa.

Geraniums, 15 vars., 2½-in., \$2.25 per 100; \$20 per 1,000. Alonzo Bryan, Washington, N. J.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

Geraniums, 100 apple scented; ready for 4-in. pots, \$3.75. E. J. Nicholas, Mt. Bethel, Pa.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, dagger and fancy ferns, 80c per 1,000; case of 5,000, \$3.50. Green and bronze galax, 50c per 1,000; case of 10,000, \$4. Green leucothoe, long \$2 per 1,000; short, \$1. Rhododendron leaves, 50c per 1,000; case of 5,000, \$2. Elk Galax & Fern Co., Banner Elk, N. C.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangeas, Otaksa, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. Otaksa, in field, large plants, ready for 9-inch pots, 75c each. Otaksa, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Hydrangeas, new French, out-door, pot-grown, 6-inch pots: with 7 to 10 branches, \$25 per 100; 5 to 6 branches, \$20; 4 branches, \$15. Bouquet Rose, La Lorraine, Mme. E. Mouillere, Mme. Maurice Hamar, Radiant. Jackson & Perkins Co., Newark, New York.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEAS.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Lily of the valley from cold storage for Christmas flowering. Brun's Celebrated Chicago Market, \$18 per 1,000; \$9.50 for 500; \$5 for 250. Florists' Money Maker, \$16 per 1,000; \$8.50 for 500; \$2 per 100. H. N. Bruns, 3040 Madison St., Chicago.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, best quality, 1,000 to case, \$16.60 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

FOR SALE.—Lily of the Valley Pins, \$10 per 1,000; 1,250 to case. Fresh stock from Holland. Send for list of 150 varieties of gladiolus; prices low. THOMAS COGGER, Melrose, Mass.

MISCELLANEOUS.

Coleus, salvia, ageratum, heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

CEDAR, pyramidal red, stocky plants, 4 to 6-in. for lining out, \$20 per 1,000. Cash with order. R. F. Vann, 2023 Wayne St., Columbia, S. C.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA FORSTERIANA.

Single Plants.			
Leaves.	Inches high.	Each.	
6-inch pots, 5 to 6,	23 to 30.....	\$ 1.00	
6-inch pots, 6 to 7,	34 to 36.....	1.50	
6-inch pots, 6 to 7,	38 to 42.....	2.00	
8-inch tubs, 6 to 7,	50 to 54.....	5.00	
8-inch tubs, 6 to 7,	5 ft.....	6.00	
10-inch tubs, 6 to 7,	5 to 5½ ft.....	8.00	
10-inch tubs, 6 to 7,	6 to 6½ ft.....	10.00	

KENTIA FORSTERIANA.

Made-Up Plants.		
	Inches high.	Each.
7-inch pots, 3 plants in a pot,	23 to 30..	\$ 2.00
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
7-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 4 plants in a tub,	50.....	5.00
8-inch tubs, 4 plants in a tub,	56 to 58..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	5 to 6 ft. high	12.00
Very strong specimens, 15-inch tubs,	5 plants,	\$15.00, \$18.00 and \$25.00.

ARECA LUTESCENS.

8-inch tubs, 5 plants in a tub.....\$3.00

POEHLMANN BROS. CO., MORTON GROVE, ILL.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

KENTIA BELMOREANA.

Single Planta.			
Leaves.	Inches high.	Each.	
4-inch pots, 5 to 6,	18	.....	\$ 0.40
6-inch pots, 6 to 7,	24	.....	1.00
6-inch pots, 6 to 7,	28 to 30	.....	1.50
7-inch pots, 6 to 7,	36	.....	3.00
8-inch tuba, 6 to 7,	38	.....	3.50
8-inch tuba, 6 to 7,	48	.....	5.00
8-inch tubs, 6 to 7,	58 to 60	.....	7.00

KENTIA BELMOREANA.

Made-up plants.
7-inch pots, 3 plants in a pot, 30 ins.\$ 3.00
Specimens, very heavy.....\$10.00 to 12.00

PHOENIX ROEBELENI.

	Each.
3-inch	per doz., \$3.00
5-inch pots	1.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....	\$5.00 to 7.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Bel., made-up, 8-in., 36-in. tuba, \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom, \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 5-inch, 50c; 4-inch, 35c. Pochlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PEPPERS.

Christmas Peppers. Geo. A. Kuhl, Pekin, Ill.

PETUNIAS.

Petunias, dbl., mixed colors, 2-in., \$2 per 100; 3-in., \$3 per 100. Named varieties, 2-in., \$3 per 100; 3-in., \$4 per 100. Single mixed colors, 2-in., \$2 per 100; 3-in., \$3 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

POINSETTIAS.

Poinsettias, 2½-inch, \$5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS.

Primroses, obconica alba, rosea and Ruby, 2½-in., \$1.50 per 100; \$10 per 1,000. O. Gigantea, 2½-in., \$2 per 100; \$15 per 1,000. Jos. H. Cunningham, Delaware, O.

Primroses, Chinese, 4-inch, \$7.50 per 100; \$70 per 1,000. Alonzo J. Bryan, Washington, N. J.

Primula obconica, in bloom, 5-inch, \$3 per doz. Pochlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

Field-grown roses, hardy, firm-wooded, northern-grown stock, with plenty of stored-up vitality. Send for list. Jackson & Perkins Co., Newark, New York.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Eraa Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Hermosa	2.00	15.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield.....	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

Rosea, Baby Tausendschon, Erle Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer, J. L. Mock, Mme. Jules Grolez, Farbenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soupert, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering, December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Rose Champ Weiland, own root; 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago, Ill.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohio, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. A.M.T. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus, 5000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchison & Co., 17 Murray St., New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celerics, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Huff, Swedesboro, N. J.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

SEEDS.

Seeds, wholesome field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sta., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade; beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SMLAX.

Smlax, 2-inch, \$1.50; \$15 per 1,000. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Smlax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegheny, N. Y.

SPIREA.

SPIREAS.

Spirea Gladstone, \$1.50 per dozen; \$10 per 100. Spirea Queen Alexander, \$1.75 per dozen; \$12 per 100. ERNEST ROBER, WILMETTE, ILL.

Spirea Gladstone, white, \$6.50 per 100; Queen Alexandra pink, \$7.50 per 100; Peach Blossom, L. Pink, \$7.00 per 100. St. Louis Seed Co., 411-413 Washington Ave., St. Louis.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants, extra strung for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegheny, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Field-grown Vinca Variegata, ready for 5-in. pots, \$5 per 100; ready for 4-in. pots, \$4 per 100; field rooted layers, 90c per 100; \$8 per 1,000. Cash. H. A. COOK, OBERLIN, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca var., 3½-inch, cut back, \$5 per 100. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

Violets, field-grown, Princess of Wales, \$5 per 100; \$45 per 1,000. Alonzo J. Bryan, Washington, N. J.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariuma and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Pexto Pruning Shears for trees, shrubs, vines, bushes, hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 509 Exchange Ave., room 5, Chicago, Ill.

Mastic for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinds & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

"Has Them All Beat" for greenhouse heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Bollers, Giblin standard greenhouse. Giblin & Co., 901 Broad St., Utica, N. Y.

POTS AND PANS.

Red burned flower pots, hanging baskets, porch boxes and porch pots. Write for catalog. The Logan Pottery Co., Logan, O. Chicago office, 101 S. 5th Ave.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

POTS AND PANS.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfg., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1529 S. Spaulding Ave., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse lumber, hothead sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

WHOLESALE CUT FLOWERS.

Albany Cut Flower Exchange, Albany, N. Y. Amling Co., E. C., Chicago.

Angermueller, Geo. H., St. Louis, Mo.

Bassett & Washburn, Chicago.

Berger Bros., Philadelphia, Pa.

Berning, H. G., St. Louis, Mo.

Budlong, J. A., Chicago.

Chicago Flower Growers' Ass'n., Chicago.

Critchell, C. E., Cincinnati, O.

Ereers, D. E., Chicago.

Frament, H. E., New York.

Guttman & Raynor, Inc., New York.

Hoerber Bros., Chicago.

Hoffmeister Floral Co., Cincinnati, O.

Holton & Hunkel Co., Milwaukee, Wis.

Kasting Co., Wm. F., Buffalo, N. Y.

Kennicott Bros. Co., Chicago.

Kessler, Wm. A., New York.

Kruchten, John, Chicago.

Kuehn, C. A., St. Louis, Mo.

Kyle & Foerster, Chicago.

McCallum Co., Pittsburgh, Pa.

McCullough's Sons Co., J. M., Cincinnati, O.

McKellar, Chas. W., Chicago.

Meconi, Paul, New York.

Montreal Floral Exchange, Ltd., Montreal, P. Q.

Moore, Hentz & Nash, New York.

N. Y. Cut Flower Exchange, New York.

Niessen Co., The Leo, Philadelphia, Pa.

Randall Co., A. L., Chicago.

Reinberg, Geo., Chicago.

Reinberg, Peter, Chicago.

Rice Bros., Minneapolis, Minn.

Rusch & Co., Guss, Milwaukee, Wis.

Percy Jones, Chicago.

Pittsburgh Cut Flower Co., Pittsburgh, Pa.

Poehmann Bros. Co., Chicago.

Pollworth Co., C. C., Milwaukee, Wis.

Reid, Edward, Philadelphia, Pa.

Sheridan, W. F., New York.

Siebrecht, Geo. C., New York.

Smith, Wm. C., St. Louis, Mo.

Thompson Carnation Co., J. D., Joliet, Ill.

Totty, Chas. H., Madison, N. J.

Welland & Risch, Chicago.

Welsh Bros., Boston, Mass.

Wietor Bros., Chicago.

Windler Wholesale Floral Co., St. Louis.

Withold, Geo., Co., Chicago.

HOLIDAY BOOKS

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Mulerit. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rosa.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

HeGgae, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$10.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

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Lancaster County Florists' Club.

December 16 is getting pretty close to Christmas, but in spite of this we had a representative crowd on our trip to Lititz to see our compatriots, Mr. Spinner, who has a very neat little place devoted principally to vegetables and from which he makes quite as much as the average florist would from the same amount of glass, the houses being used early for chrysanthemums, and C. F. Loeffler, who, during the past summer added two King houses and now has a good sized range complete in every particular and a general assortment of cut flower stock. Enos Kohr's being along the same car line, a stop was made to see this model place, which is a model, Mr. Kohr having the business insight to keep everything right up to the top notch of productiveness, utilizing all available space, and recognizing cleanliness as next to Godliness. He has some 45,000 Paper White coming in and his carnations, of which he has house after house, are exceptionally uniform and good in quality; in fact the most of Lancaster county carnations are higher in quality than just "good" this season. Mr. Kohr likes White Perfection better than Matchless and has a very fine bench of Alice of which he thinks considerable and with good reason. Bench after bench of Mrs. C. W. Ward were a sight worth the whole trip.

At 6:30 p. m., 32 were ready for their "oyster feed," among whom were as guests our ever present fellow members, D. Connor of the Lord and Burnham Co., and T. J. Nolan of the King Construction Co., and a new one from Pittsburgh in the shape and form of Edward J. McCallum, but we soon made him feel that he was among friends, and from a few remarks that he made before leaving he will be a booster for the club, and then a hasty glance at a crossroad sign out in the country, saying three miles to Petersburg made him feel close to home, as he read it Pittsburgh. A short meeting was held before the "feed" and H. A. Schroyer was nominated for president; E. J. Weaver, for vice-president; Harry K. Rohrer, for treasurer, and Frank Kohr for secretary, Lemon Landis, our secretary since organization, insisting on being relieved. Adjourning to the tables we found a real oyster supper awaiting us and the committee. Frank Kohr, David Rose and John Shreiner, certainly gave us full value for the money expended. After the "feed" exercise being in order several bowling teams rolled under the leadership of Messrs. Connor and Nolan and some heavy scores were made. The singing and playing of Alphonso Peters was a feature of the evening, and billiards and pool, and several hotly contested card games kept every one busy until 11:30, when we broke up a jolly party,



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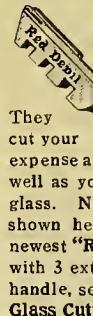
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CLUB MEETING.

The Newport Horticultural Society held its annual election of officers for the ensuing year at its regular meeting, December 14, the result being as follows: John B. Urquhart, president; James Bond and Frederic Carter, vice-presidents; Fred P. Webber, recording secretary; William Gray, financial secretary; Andrew K. McMahon, treasurer. The executive committee consists of Jas. Robertson, Wm. MacKay, Bruce Butterson, Andrew S. Meikle, Daniel Hay, Andrew L. Dorward, Arthur W. Potter, Jr., Wm. F. Smith and Andrew MacLellan. The outgoing officers were given a vote of thanks for the efficient service rendered by them during the past year and for the successful manner in which several large exhibitions were conducted, among which were the shows of the American Sweet Pea Society and the American Gladiolus Society. Altogether the society feels justly proud of the past year's work, which will go on record as one of brilliant accomplishments.

The matter of encouraging more interest in shows was discussed and is now being given serious consideration. President William Grey, of the American Sweet Pea Society, is the father of an idea that seems to have some weight—that the society and garden clubs embody in their constitutions an information bureau to be open to the public to answer questions for their enlightenment on all matters of horticulture; for instance, should Mr. or Mrs. _____ write a secretary for information as to the best method of growing sweet peas, the secretary in turn would turn the question over to a local sweet pea expert, who would answer the question in the most read daily paper. In addition, it is also suggested that members raise a surplus stock and distribute same among school children and to people showing a lively interest, to be accompanied with a schedule of prizes (easily comprehended) of such value that it would awaken the interest of amateurs to the extent that "it was worth while," and in the meantime throughout the year the information bureau, with the aid of the press, would hand out information easily understood, which, it is thought, would in time bear fruit and be a good advertisement.

The veteran florist, James C. McLeish, received a handsome majority when elected as alderman at a recent election. He has held the office before, was street commissioner for a term, and is now a member of the park commission. Many florists and gardeners are prominently identified here in both state and city affairs, among them being Postmaster John B. Sullivan, License Commissioners John Mahan and John T. Allan, Assistant Tax Assessor James G. Blake, Park Commissioners Richard Gardner, James C. McLeish, Patrick Costello, and in the council they are strongly represented. The Newport Horticultural Society receives from the state treasurer each year \$1,000, which is placed in their hands to be used for the advancement of horticulture in Rhode Island. This endowment originated through the influence brought to bear by the society on the state legislature and it was made a law. J. J. B.

MEMPHIS, TENN.—The Johnson Greenhouses will build an addition in the near future.

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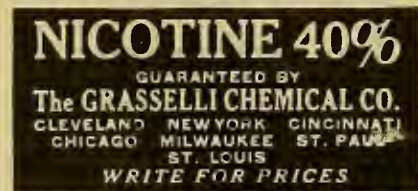
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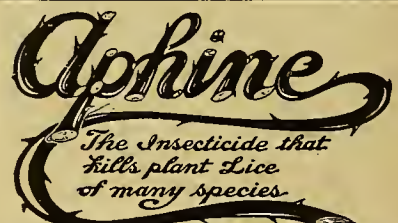
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THE AMERICAN FLORIST



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Vol. XLV.

CHICAGO AND NEW YORK, JANUARY 1, 1916.

No. 1439

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—DANIEL MACROBIE, San Francisco,
Calif., President; ROBERT C. KERR, Houston,
Tex., Vice-President; JOHN YOUNG, 53 West
Twenty-eighth street, New York, Secretary; WM.
F. KASTING Buffalo, N. Y., Treasurer.

Next annual convention at Houston, Texas,
August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society
of American Florists will be held at Convention
hall, Broad street and Allegheny avenue, Phila-
delphia, Pa., March 25-April 2. For premium
list and all other particulars address JOHN YOUNG,
53 West Twenty-eighth street, New York.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
St. Louis, Mo., January 26-27, 1916. JOS. H. HILL,
Richmond, Ind., President; J. F. AMMANN, Ed-
wardsville, Ill., Vice-President; A. F. J. BAUR,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN DAHLIA SOCIETY.

First annual meeting and exhibition was held
at New York, September 24-26, 1915. Officers:
RICHARD VINCENT, JR., White Marsh, Md., Presi-
dent; JOSEPH J. LANE, 11 West Thirty-Second
Street, New York, Secretary; F. R. AUSTIN,
Tuckerton, N. J., Treasurer.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June 1916. WILLIAM GRAY, Newport,
R. I., President; HARRY A. BUNYARD, 40 West
Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINBENZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
110th Street, Chicago, Secretary.

SOCIETY OF AMERICAN FLORISTS

Next Annual Convention, Houston, Tex., August 15-17, 1916.

The President's Message.

There is no day in all the year that brings more expectant joy to the heart of every man than the advent of a New Year. The privilege, as president of the S. A. F. & O. H. of extending to its members and to their families the sincere wish for a happy and prosperous New Year, gives me extreme pleas-ure.

There is no doubt whatever in my mind, but that it will be a prosperous year, and inasmuch as prosperity and happiness go hand in hand, I can readily assume that it will be a happy one. Trade conditions throughout the country are very healthy. We have harvested the largest crops in our history, and this is the back-bone of prosperity in any country. We have more to hope for in the year 1916 than we have ever had before. Our country has been saved from the horrible calamity which has overwhelmed Europe and we are hopeful that we will be spared from such a fate, not only this year, but for all years to come.

It is with great personal gratification that I can look upon the S. A. F. & O. H. as more truly a national body than it has ever been. The convention held in San Francisco, in 1915, was in my opinion, a step forward. Its convening in Houston, Texas, in 1916, will be another step toward making it a really national organization in every sense of the word. By extending our conventions to the west and south, we not only benefit those sections, but the society itself gains much by securing large numbers of recruits from the new territory which has thereby become attached to it. Every section of the country is benefited, and the members are already drawn closer together than ever before, forming a universal brotherhood for the promotion of all that is beneficial to the individual and to the society as a whole.

As the president of this worthy organization I am proud to be able to send a kind greeting to all the craftsmen of the society. Our membership is increasing steadily and I know that it will continue to do so. This larger membership will make it possible for us to undertake in the future many things that would be otherwise impossible. I am particularly desirous that every man associated with our profession should have the opportunities which our society affords and as a slight stimulant toward increasing our membership, I am offering \$150.00 in gold, the same as was done by my predecessor, Patrick Welch. This I will hand to John Young, secretary, as an award to the member who will bring in the largest number of new members between the period January 1, and July 31, 1916. The only stipulation being that the winner must bring at least thirty new members.

I hope that the vice-president in every state, as well as every member of the board of directors, and that every permanent committee will co-operate with me in pushing forward this endeavor to increase our membership. In order that these heads may attain the required success it will be necessary for every individual who is fortunate enough to be a member of the S. A. F. & O. H. to give forth his best efforts, for "In Unity There is Strength," and if these efforts are put forth untiringly, we will beyond a doubt soon have a membership list three times what it is today. It is the sincere desire of this society to build up a permanent institution founded on a pillar of fairness and good-will, and I hope every member will lend his efforts to this end. Again extending a message of hearty good wishes and unbounded blessings for the New Year, I am,

D. MACROBIE.

President MacRorie's Appointments.

Board of Directors for term of two years (unexpired term of R. C. Kerr)—W. J. Keimel, Elmhurst, Ill.; three years, Angelo J. Rossi, San Francisco, Calif., and Chas. L. Baum, Knoxville, Tenn.

National Flower Show Committee—Patrick Welch, Boston, Mass., six years.

Washington Representative—Wm. F. Gude, Washington, D. C.

Tariff and Legislative Committee—Wm. F. Gude, Washington, D. C., chairman; James McHutchison, New York; Wm. F. Kasting, Buffalo, N. Y.; Ralph M. Ward, New York; Julius Rochrs, Rutherford, N. J.; Wm. H. Siebrecht, Jr., Long Island City, N. Y.

Committee on School Gardens—Benjamin Hammond, Beacon, N. Y., chairman; Irwin Bertermann, Indianapolis, Ind.; Gust. X. Amrhyn, New Haven, Conn.; Michael Barker, Chicago; Leonard Barron, Garden City, N. Y.

Botanist—John Dunbar, City Hall, Rochester, N. Y.

Pathologist—Geo. L. Peltier, Urbana, Ill. (University of Ill.)

Entomologist—Dr. T. F. Headlee, N. J. Agricultural Exp. Sta., New Brunswick, N. J.

STATE VICE-PRESIDENTS.

Alabama—W. B. Paterson, Jr., Montgomery.

Arkansas—Thomas Shelton, Fayetteville.

California—Hans Plath, San Francisco (North); Fred Howard, Los Angeles (South).

Connecticut—H. C. Neubrand, Cromwell.

District of Columbia—George H. Cooke, Washington.

Colorado—Emil Glauber, Montclair.

Florida—C. D. Mills, Jacksonville.

Georgia—A. C. Oelschig, Savannah.

Idaho—Mrs. M. W. Krumm, Hansen.

Illinois—Leonard H. Vaughan, Chicago (North); E. W. Guy, Belleville (South).

Indiana—G. R. Gause, Richmond (North); W. J. Vesey, Jr., Fort Wayne (South).

Iowa—Roy F. Wilcox, Council Bluffs.

Kansas—Chas. P. Mueller, Wichita.

Kentucky—Geo. E. Schulz, Louisville.

Louisiana—Wm. Allen, New Orleans.

Maine—A. E. Thatcher, Bar Harbor.

Maryland—George Morrison, Carroll P. O. (South); N. L. Flitton, Baltimore (North).

Massachusetts—W. J. Kennedy, Chestnut Hill (South); A. J. Loveless, Lenox (North).

Michigan—A. J. Stahelin, Redford (North); John R. Van Bochove, Kalamazoo (South).

Minnesota—C. N. Ruedlinger, Minneapolis.

Mississippi—S. W. Crowell, Roseacres.

Missouri—Wm. L. Rock, Kansas City (North); F. H. Meinhardt, St. Louis (South).

Montana—T. E. Mills, Helena.

Nebraska—Irwin F. Frey, Lincoln.

New Hampshire—Donald McLeod, Concord.

New Jersey—J. G. Esler, Saddle River.

New York—J. H. Pepper, Hempstead (East); S. A. Anderson, Buffalo (West).

North Carolina—J. Van Lindley, Pomona.

North Dakota—M. Bartholomew, Williston.

Ohio—C. E. Critchell, Cincinnati (South); G. W. Bate, Cleveland (North).

Oklahoma—Lon Foster, Oklahoma City.

Oregon—J. B. Pilkington, Portland.

Pennsylvania—H. S. Betz, Philadelphia (East); Ben L. Elliott, Pittsburgh (West).

Rhode Island—Geo. L. Stillman, Westerly.

South Carolina—C. A. Moss, Spartanburg.

South Dakota—W. T. March, Mitchell.

Tennessee—Chas. W. Crouch, Knoxville.

Texas—A. Koehle, Sherman.

Utah—R. Miller, Farmington.

Vermont—W. E. Peters, Burlington.

Virginia—F. Steinbach, Richmond.

Washington—J. W. Duncan, Spokane.



Theodore Wirth.

Superintendent of Minneapolis Parks.

West Virginia—C. P. Dudley, Parkersburg.

Wisconsin—W. A. Kennedy, Milwaukee.

CANADA AND FOREIGN.

Alberta—A. M. Terrill, Calgary.

Manitoba—H. E. Philpott, Winnipeg.

Ontario—H. Dillemath, Toronto.

Quebec—Geo. A. Robinson, Montreal.

Holland—Wm. DeGraff, Hendrick, Leiden.

Theodore Wirth Honored.

"To meet the demand for neighborhood parks and playgrounds is the great part of the work of the park commission of Minneapolis; we have now nearly all the land required," was the summary of the park situation delivered by Theodore Wirth, superintendent of parks, at a dinner given in his honor by 200 citizens of Minneapolis, December 22, at the Minneapolis club. The occasion was to mark the tenth anniversary of assuming his position in January, 1906.

Among those who expressed their appreciation of Mr. Wirth's work were Fendall G. Winston, Fred B. Snyder, Dr. Cyrus Northrop, the Rev. M. D. Shutter and Hovey C. Clarke. The achievements of the park superintendent in bringing the city of Minneapolis to the foremost place in the world in

the beauty and art of its park system were detailed in the addresses. Following the toasts a silver service was presented to Mr. Wirth.

"In Theodore Wirth's education as a horticulturist and landscape gardener within the view of the mountains of his native Switzerland, he was unconsciously fitted for his work in developing the latent beauties of cities of America," said Fred B. Snyder. "When he came to Minneapolis from Hartford, Conn., 10 years ago, our parks extended over 1,800 acres and the annual expenditure for maintenance was \$141,000; now the system covers 3,800 acres and has a current appropriation of \$520,000. The cost of the system is \$7,500,000, compared with \$3,500,000."

Illness prevented the presence of Charles M. Loring, who was to have spoken. Mr. Loring was styled the father of the Minneapolis park system by Mr. Clarke, who read a letter from him.

"Mr. Wirth has builded the superstructure on the foundation laid by William M. Berry, our first superintendent," the letter stated. "His accomplishments here have merited well this indorsement of the leader of his profession. He has put our outdoor attractions in the front rank of cities."

That \$200,000 a year for 10 years be expended to finish the improvement of parks was recommended in the communication.

In his response, Mr. Wirth showered praise on the founders of the park system and on his fellow workers, and detailed the history of the park system.

"Three main features of our parks appealing to us," Mr. Wirth said, "are the strong support of the citizens in the upbuilding of the recreation grounds, the harmonious spirit of our executive boards, and completeness of the plan and its execution. Our parks are not detached, but connected in a chain of drives, lakes, gardens and groves. That is largely because few changes have been made in the personnel of the board of commissioners and the officers, and because of the absence of politics in the work."

"We will need but little more land, and our main work is to provide for play spaces. We must be willing to pay as we go, by assessments, for we can get little more by bond issues."

Dr. G. E. Vincent, expected as a speaker, was unable to attend. Mr. Winston was chairman and Mr. Snyder, toastmaster. Each program carried a photograph of Mr. Wirth.

CASPER, WYO.—L. M. Buxton has completed a new greenhouse.

PITTSFIELD, MASS.—F. L. Drake & Co. have opened a flower shop in the American House block. The fixtures, which are very attractive, were supplied by the McCray Refrigerator Co., Kendallville, Ind.

COLLINGWOOD, N. J.—The Collingwood Horticultural Society has been organized with the following officers: H. R. Lippincott, president; Miss Kathryn Brown, vice-president; Myrton A. Bryant, secretary; John L. Root, treasurer.

CHAMPAIGN, ILL.—The following officers were elected at the sixtieth annual meeting of the Illinois State Horticultural Society: W. S. Perrine, Centralia, president; A. W. Brayton, Mt. Morris, vice-president; A. M. Augustine, Normal, secretary; J. W. Stanton, Richview, treasurer.



Patrick Welch.
Member National Flower Show Committee.



D. MacRorie.
President.



James McHutchison.
Tariff and Legislative Committee.



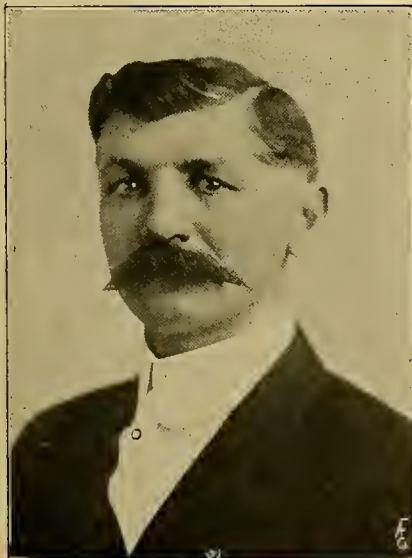
A. J. Rossi.
Director.



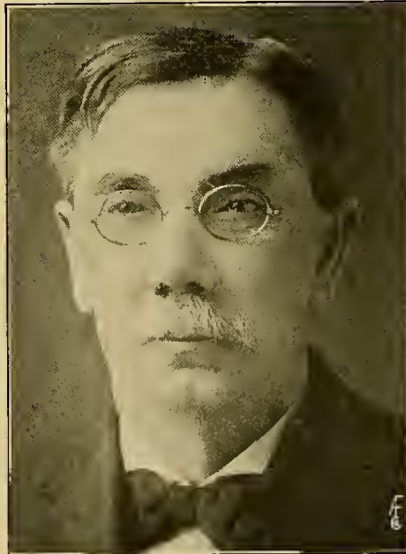
Julius Roebrs.
Tariff and Legislative Committee.



John Dunbar.
Botanist.



W. J. Keimel.
Director.



Benjamin Hammond.
Chairman School Gardens Committee.



W. F. Gude.
Washington Representative.

PRESIDENT MACRORIE OF THE SOCIETY OF AMERICAN FLORISTS AND SOME OF HIS APPOINTEES.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Louisville Florists' Christmas Advertising.

Louisville, Ky., florists, under a cooperative publicity plan to stimulate Christmas business, used page advertisements in the local papers in that city. Both text and illustrations brought out the appropriateness of flowers and plants for Christmas gifts and the results were without doubt gratifying. The names of the following appeared in the advertisements: August R. Baumer, M. D. Reimers, Fred Haupt Co., S. E. Thompson, Jacob Schultz Co., the New Nanz & Neuner Co., Inc., F. Walker & Co., C. B. Thompson & Co., and E. G. Reimers & Sons Co.

Christmas Plants in the New York Stores.

The New York retailers, as usual, were well prepared for the Christmas trade. As Christmas week opened with fine weather, it may be stated that the sale of plants began December 20 and increased in volume, day by day. The quality of the stock was excellent, and while it does not appear that there was any surplus worthy of note, there was, as a rule, enough to supply the demand. The azaleas, heathers, poinsettias, camellias, begonias, ardisias and other berried plants were in fine condition, and both singly and in combinations, sold well. In a number of stores, there were not as many of the large and expensive combinations as have been noticed in former years. In heather, there were many large and beautiful plants, and along that line the exhibits could not have been finer. Though early in the fall, there was something of a scare about azaleas, they arrived all right and many of them were brought into fine bloom for Christmas. Only a limited number of retailers handled the camellias to any extent. There was not a large supply available, and as it is well known that they take careful handling, some dealers think that they are a risky proposition. However, there was fine stocks of camellias in a number of stores and so far as we could observe, they turned out well. The begonias of the Lorraine type were prominent factors in the trade. The variety Mrs. Peterson was seen in most of the leading stores and made a fine impression. The poinsettias were leading factors in the trade. It may be added that the poinsettias show to better advantage in combination with other flowering or foliage plants. Much has already been accomplished along this line, but there is yet, in some cases, room for improvement. Excellent use was made of the dracenas, both by combining different varieties and by combination with other plants. Acubas, solanums, sprays of the red winter berries and pussy willows were used with good effect in many combinations. Acacias, euphorbias and some other plants, not usually plentiful at Christmas, were noticed. In several stores there were good exhibits of cattleya orchid plants in flower. In the various combinations, primulas and a great variety of the smaller ferns were noteworthy.

At the store of David Clarke's Sons, Broadway and 75th street, many fine features were noticed. About all the best things in plants were to be seen at this store. Heather, Otaheite oranges, azaleas and begonias, singly and in

combinations, were very noteworthy.

It would be hard to find a more complete display of Christmas plants than those of Henry Hart, 1000 Madison avenue. Nearly every plant on the market was represented, including particularly fine poinsettias, crotons, Otaheite oranges and many fine combinations.

At the store of J. H. Small & Sons, 1153 Broadway, many excellent features in plants and plant combinations were noted, the finest of stock being on hand. A feature for which this firm is justly noted, is their boxwood wreaths, decorated with the red berries and red ribbon. Along this line nothing can be finer than their work.

Alexander McConnell, Fifth avenue and 49th street, made a very fine display of plants and plant combinations. Of course it is easy for him to do it, as he is one of the living fathers in the business and long ago acquired the habit of doing things right. This year, his heathers, azaleas, begonias, camellias and crotons were exceptionally fine.

Wadley & Smythe, 491 Fifth avenue, made an unusually fine display. The dictionary defines a novelty as "something new," but we believe that something old can be arranged in a new way and justly classed as a novelty. And here is where the novel features came in. They had a collection of plants of geraniums and heliotrope, grown to standards and finely flowered. Their show window was filled with plants of this kind and they attracted much attention. Acacias were another feature, and all the other seasonable plants were well represented.

At the stores of Chas. A. Dards, Madison avenue and 44th street and 114 West 72nd street, there were very fine displays of all the best seasonable plants. Fine azaleas, heathers, crotons, cyclamens, dracenas and imported holly trees were very noteworthy. There was also a fine display of wreaths and similar goods.

G. E. M. Stumpp, Fifth avenue and 58th street, made his usual fine exhibit of all the leading plants. A noteworthy feature at this store was many small combinations, very tastefully arranged, which were popular with the public.

Ralph Armstrong, Madison avenue and 47th street, made a fine display of hanging baskets of begonias of the Lorraine type. Camellias, cyclamens, ardisias and Otaheite oranges were also noteworthy.

Ferdinand Fleischman, Inc., made a fine window display of cattleya orchid plants in flower, all suitably decorated. Among other good features were handsomely decorated cages with canaries in them.

Thorley, Fifth avenue and 46th street, made an exceptionally fine display of camellias, hougainvilleas, crotons, azaleas and all other seasonable plants.

At the store of W. P. Sears, 729 Sixth avenue, a very fine display of plant combinations was noted.

At Thos. F. Galvin's, Inc., 561 Fifth avenue, there was a very handsome store decoration. Beneath a large electric lamp there was a large glass globe, and the lamp shaded with red and decorations of a similar shade were prominent, the evening effect being fine. The usual stock of fine plants were noted.

At the store of Wm. C. Mansfield, 1184 Lexington avenue, many fine

features in plants and plant combinations were noted.

A. Warendorff, 1193 Broadway, had many fine features in plants, plant combinations and decorative effects. This was one of the most popular down-town stores.

Herman Kuhn, 896 Sixth avenue, occupying two floors with fine show windows in both, made a great display of plants and plant combinations.

All reports agree that there were record-breaking sales of plants. A number of retailers were out of plants before the evening of December 24.

At the store of Alexander McConnell a very large stock of plants was laid in but they were all gone by Christmas. The shortage of plants to some extent helped cut flowers, as when plants ran low the retailers had to have something.

Max Schling was sold out of plants on the afternoon of December 24 and closed his store that evening to enable him to get his stock out.

Alfred Van Pragg, 4 West 40th street, had a great business and was sold out of plants December 24.

John B. Nugent, of Young & Nugent, stated that if he could have secured them he could have sold many more plants.

Chas. Albert Small, of J. H. Small & Sons, 1153 Broadway, stated that they had a very fine business. This store had an exceptionally fine stock of plants and were cleaned out.

At the store of David Clarke's Sons, Broadway and 75th street, business was exceptionally good, both in plants and cut flowers.

Myer, Madison avenue and 58th street, stated that it was the best business he ever had. He has recently had a good offer for his property at that corner and may sell out and retire.

Miss Alura M. Beardsley, the Onaway florist, 903 Seventh avenue, reported an excellent business in plants.

J. G. Leikens, Inc., Madison avenue and 55th street, stated that it was the best Christmas business he ever had.

J. W. Hauser, 571 Madison avenue, was well pleased with the volume of business. A. F. F.

Christmas in Retail Stores.

The retail trade in Chicago during Christmas week was exceptionally good, and in most instances the sales ran considerably ahead of those of last year. Everyone had all the orders that could be conveniently handled and the regular force and the extra help that was employed to lend a hand during the rush worked until late so that all orders could be delivered on time. The weather was ideal for delivery purposes and very few complaints were received on account of freezing. Fleischman, A. Lange, Mangel, Geo. Wittbold Co. and Samuelson advertised extensively in the daily papers during Christmas week and several other leading florists sent out special holiday circulars and folders. Plants were handled on a large scale, especially azaleas, begonias, cyclamens and poinsettias, and made up baskets and boxes of blooming and foliage plants again played an important part in the Christmas sales as they did last year and nearly everyone was completely sold out in this line long before the rush was over. Blooming plants in pots sold from \$1 up, and basket arrangements of blooming and foliage plants sold at prices ranging from \$3 to \$25 each. Cut flowers were

handled on a large scale also, but were none too plentiful, especially carnations, violets and sweet peas. Eastern American Beauty roses were handled by a few of the stores again this year and one dealer claims that he sold something like 2,000 fancy, long stemmed flowers at \$12 per dozen, which were sold chiefly to those who placed their orders before December 18. Home grown violets sold at \$1.50 per bunch and double violets at \$1.25. Orchids sold for \$1 and \$1.50 and gardenias at 75 cents to \$1 each. The best home grown American Beauty roses brought \$15 to \$18 per dozen and the medium grades \$10 and \$12 per dozen. Killarney roses sold for \$2, \$3, \$4 and \$5 per dozen; Killarney Brilliant, \$3, \$4 and \$5; Mrs. Chas. Russell, \$4, \$6, \$8 and \$10; Ophelia, \$3, \$4 and \$5; Hadley, \$6 and \$8; Richmond, \$3, \$4 and \$5; Hoosier Beauty, \$5 and \$7 and Mrs. Aaron Ward and Sunburst at \$3 and \$4 per dozen. Lily of the valley in pots was offered in large quantities and sold well. California holly and red winter berries were used extensively in basket work and were in short supply. Ruscus, red frieze, statice and artificial flowers had a good call and taken all in all business was surprisingly good and the 1915 Christmas trade will go down on record as one of the best in years. The stores never made a better showing as far as decorations were concerned and probably never made a bid for the Christmas business as early as they did this year, which, no doubt, had much to do with the splendid results obtained.

Conrad Frauenfelder had a splendid Christmas trade at his West Madison street store with a brisk demand for both cut flowers and plants. Plants were handled on an extensive scale, especially azaleas, cyclamens and poinsettias. Everything sold well and cleaned up nicely and several extra delivery cars were pressed into service so that all orders could be delivered promptly. Very few complaints were received on account of freezing for the weather was ideal for delivery purposes and taking everything into consideration his 1915 Christmas trade was the most satisfactory in years.

George Perdikas never had a better Christmas trade and sold an unusually large number of plants, chiefly azaleas, poinsettias and cyclamens. Cut flowers were also handled in large quantities at his store and he was on the market nearly every day buying stock to fill his many orders. Small baskets of red winter berries and boxwood proved to be a grand seller, as did the usual line of holiday wreaths, especially ruscus, holly and red frieze.

Ronsley, the Westminster building florist, sold out completely in plants and cut flowers, and his Christmas sales were nearly doubled compared with 1914. His store was handsomely decorated for the occasion, and while plants were handled in large quantities, he sold a large supply of cut flowers, with a good demand for roses and American Beauties.

A. Lange's store was filled with customers at all times and he handled both cut flowers and plants on a large scale. Combination baskets of blooming and foliage plants were splendid sellers, and it is a question whether any other store sold as many poinsettias during Christmas week as this one did. His special Christmas box of flowers containing one dozen long stemmed red roses, one dozen carna-

tions, one dozen stevia, one dozen Cecile Brunner roses, bouquet of violets, bouquet of pansies, holly and mistletoe, beautifully packed in a handsome Christmas box for \$5, sold like hot cakes. Mr. Lange is well pleased with his Christmas trade, which exceeded all expectations.

The Fleischman Floral Co. had a magnificent showing of azaleas, poinsettias, cyclamens and combination baskets of blooming and foliage plants. Cut flowers were also handled on a large scale and the sales were surprisingly good and much larger than last year. This firm had a two-colored full page advertisement in the Chicago Herald, December 23 and another full page in the Chicago Tribune the following day, which helped to increase its sales considerably.

Mangel, the Palmer House Florist, had his new conservatory and store completely filled with blooming and foliage plants of all kinds, with azaleas, poinsettias, cyclamens and begonias the leaders. Business was never better at Christmas is the report at this store, and while plants were handled on a large scale, so were cut flowers and a grand clean-up is reported in both lines.

The Alpha Floral Co. reports a banner Christmas trade with a heavy demand for both cut flowers and plants. Azaleas, poinsettias and cyclamens were the best sellers in plants, and the demand for cut flowers was principally for roses, which sold exceptionally well. Several salesmen were added to the regular force so that all the orders could be delivered on time. Thursday and Friday were the busiest days and many sales were made Christmas morning.

The Bohannon Floral Co. never had such a large supply of plants to offer at Christmas as it did this year, and the principal offerings in this line were azaleas, begonias, cyclamens and poinsettias. Cut flowers were handled extensively, particularly American Beauty, Killarney, Killarney Brilliant, Mrs. Chas. Russell, Ophelia and Sunburst roses. In speaking of the Christmas trade, Mr. Bohannon said that he never saw anything like it, and that the sales will be away ahead of 1914.

H. N. Bruns had all the business that he could possibly handle at his beautiful West Madison street store and was sold out completely in all lines at an early hour. Mr. Bruns says that the individual sales were much larger than last year and that he could have sold more plants had they been obtainable. He had an unusually large supply of lily of the valley to offer for the holidays and cut over 22,000 in one day, which his hooks show to be the largest cut on record.

George Wienhoeber had a brisk call for American Beauty roses and had orders booked on the evening of December 18 for 2,000 at \$12 per dozen, which was a special offer to induce his customers to place their orders before that date. Mr. Wienhoeber was more than pleased with his Christmas trade for the sales in both cut flowers and plants exceeded all expectations. Lily of the valley in pots sold well, and there was a heavy demand for poinsettias, azaleas and cyclamens.

O. J. Friedman says that counting the actual Christmas orders, his sales were almost fifty per cent better than in 1914. Six thousand feet of floor space was rented in the Ohio building for the week and was used to good

advantage in arranging the stock. Large azaleas, ardisias and Scotch heather were handled on a large scale and sold quickly. Cut flowers also sold well but plants were featured mostly at this store.

The George Wittbold Co. had a brisk Christmas trade according to Louis Wittbold and while the retail department did not spend as much money for advertising as last year, the sales were larger with the demand principally for combination baskets and boxes of foliage and blooming plants, cut flowers and holly wreaths. This firm handled a tremendous supply of Christmas trees and sold out completely.

The Ernst Wienhoeber Floral Co. reports the Christmas trade as fine and dandy with plants and cut flowers both in brisk demand. This firm handles a fine line of holiday stock and it is always a pleasure to inspect their neatly arranged baskets of blooming and foliage plants around the holiday time.

W. J. Smyth had a splendid Christmas trade with the call mostly for different combination baskets of blooming and foliage plants. Cut flowers were a good seller with American Beauty roses and orchids in best demand.

Raske's Flower Shop enjoyed a splendid holiday trade with a heavy demand for American Beauty roses in the longer stemmed grades. Plants were also handled extensively and cleaned up completely.

Chas. A. Samuelson carried a complete line of holiday plants and cut flowers and ran a special price list in his advertisement in the daily papers. Combination baskets and azaleas sold best in the plant line with American Beauty, Mrs. Chas. Russell and other high priced roses having the call in cut flowers.

Schiller had a splendid business at each of his three stores and while the sales have not all been checked over, it is safe to say that they will be much larger than last year. The north side store did a larger business than last Christmas and the loop store had all the orders that could be properly attended to. The west side store did a tremendous business and something like 10,000 parcels were delivered safely with only one comeback and that was on account of a mistake in the address. Manager Asmus has a pretty fine system in working order at the west side store and how the force handles all the Christmas orders that it does in so short a time is something that several have tried to figure out for some time. Mr. Asmus says that quality stock was in best demand this year which applies to both cut flowers and plants and is just the reverse of last Christmas when a cheaper grade was desired.

W. H. Kidwell & Son did a fine business at Christmas and sold large quantities of cut flowers, principally roses, which cleaned up completely. Plants never sold better, especially azaleas, poinsettias and cyclamens than they did this year.

Paul Blome & Co. have no complaint to make in regard to their Christmas trade which was very satisfactory as far as plants were concerned which sold well. Cut flowers did not move as well as they might have owing to the high prices, but sales in general compare most favorably with those of 1914.

Stollery Bros. had a very good Christmas business and sold a large number of red baskets of winter berries and boxwood at prices ranging from \$1 to \$3 each which was a leader with them. Plants also sold well with azaleas in best demand. The sales will run ahead of last year, but very few cut flowers were handled on account of the high prices and plants were pushed instead.

John T. Muir had a better Christmas trade than last year with plants selling best. His conservatories were completely filled with stock, but at Christmas noon everything was pretty well disposed of. Cut flowers also sold well but azaleas, poinsettias and other Christmas plants sold out first.

H. C. Rowe had a good Christmas trade at his new store on South Wash-ash avenue, with a brisk demand for plants. Fancy baskets of azaleas and poinsettias sold nicely and cleaned up quickly at very satisfactory prices. Mr. Rowe is always on the job at Christmas and one cannot help but admire the plucky fight he is making against odds, but he will come out on top some day for it is a tough proposition to keep a good man down.

J. F. Kidwell Co. had the best Christmas trade since they were in business and did twice as much as they expected to. Azaleas, poinsettias, cyclamens and begonias artistically arranged in baskets were featured and sold best. Poinsettias especially sold well and this firm had one of the finest lines to offer in plants in the city. Cut flowers sold good but more attention was paid to pushing the plants which came from the firm's own greenhouses.

Heating Small Greenhouse.

ED. AMERICAN FLORIST:

What is the most economical way of heating a small greenhouse, 16 x 32 feet, to grow carnations, geraniums, etc., in zero weather?

To heat a greenhouse, 16 x 32 feet, we would install a hot water heater rated for about 225 to 250 square feet of radiation, locating it so that it will stand below the level of the greenhouse floor. We would use either one 2½-inch or two 2-inch flow pipes. If the latter are used run one on each of the wall plates, while if a 2½-inch main is used it may run to the farther end of the house, just below the ridge, or after it enters the house, it may divide and supply two 2-inch flow pipes on the plates as suggested above.

For 50 to 55 degrees there should be a return coil containing four 1½-inch pipes on each wall or under each of the side benches. All pipes should be given a downhill slope and the expansion tank, which should have a capacity of five gallons of water, should be connected with the highest part of the system, thus doing away with any occasion for using air-valves.

In order to control the temperature, there should be gate valves on two pipes in each coil. If it is not feasible to sink the heater as suggested above, it will be necessary to run the system under pressure, which may be done by installing a mercury generator, in which case we would use one 2½-inch flow under the ridge. L. R. T.

HACKETTSTOWN, N. J.—Herrick & Ross, both well known to the New York wholesale trade, have purchased the Hart range and will grow flowers for that market.

CHRISTMAS TRADE.

A wonderful 1915 Christmas trade is reported from all sections of the United States. Indications early in the season pointed to good holiday business and the majority of the trade made what they considered ample preparations to take care of all demands, but the results in nearly every instance exceeded all expectations. Prices were higher, but the quality of the stock was exceptionally good and the supply was in nearly every case equal to the demand, the principal exception being noted in carnations, which in some localities were short of supply due to cloudy weather. Both local and out-of-town deliveries were made with little difficulty as the weather conditions were ideal, no reports of freezing being heard. While cut flower stock sold well, high prices in some instances influenced the sale of flowering plants, and the sales of pot plants showed a substantial gain over those of last year. It is also true that there was a call for higher priced stock than usual, and the demand for baskets and hampers, arranged with the better grade of flowers, was noteworthy. Poinsettias, cyclamens, begonias, azaleas and berried plants were especially popular. In the cut flower class, roses were the leaders, with carnations, where the supply was not affected, a good second, and there was as usual a good demand for violets and lily of the valley. From some of the condensed reports which follow, it will be seen that the increase in the volume of sales, as compared with last year, is from five per cent to 30 per cent higher.

SEDALIA, Mo.—With prices ranging from 10 to 25 per cent better than last year and advance orders and F. T. D. business showing an increase, the Archias Floral Co. reports increased sales for the holiday trade of 1915. Everything in the way of cut flowers sold out completely. The weather was good up to Christmas eve and early shopping induced by advertising aided in getting out orders in splendid shape. Stock was of fine quality and in cut flowers there was an increase in the demand for American Beauties, Richmond roses, poinsettias and red carnations. In plant sales, Begonias Cincinnati and Luminosa, poinsettias, cyclamens and bouvardias led in popularity. Funeral work of late has been the heaviest in the history of this firm.

DAYTON, O.—Matthews, the Florist, estimates the Christmas sales this year, 30 per cent better than the corresponding period of 1914. Prices were higher, but stock was of good quality and better prices were easier to get. Carnations were scarce, but as a rule stock was plentiful. All flowers were in good demand, especially sweet peas, violets and Richmond roses. All blooming plants sold well and the number of medium-priced small baskets and hampers disposed of shows they are gaining in popularity. Cyclamens and poinsettias were in great demand and azaleas cleaned up entirely at high prices. There was a tremendous call for southern smilax for home decorations.

KANSAS CITY, Mo.—With 1915 prices about on a par with those of the Christmas period of a year ago, and a liberal supply of stock, with the exception of carnations, holiday sales showed a slight increase, according to Samuel Murray. The quality of the stock was fully as good as last year and

there was an increased demand for orchids, American Beauty roses, violets, which were especially fine stock, and lily of the valley, for which the demand was very good. There was a lively demand for all plants and sales of basket arrangements, especially in the better grade, were good. Orchid baskets sold better than ever this year.

IOWA CITY, IA.—An increase in the sale of blooming plants and a special demand for small plant baskets were features of the Christmas trade with Jas. Aldous & Son. Prices were a little higher than a year ago, but the quality of the stock was good and an increase of about 20 per cent in the gross sales resulted. Carnations and roses were scarce and narcissi took their places in many orders. Among the best sellers in the plant section were cinerarias, Primula obconica, cyclamens, Begonias Lorraine and Cincinnati, azaleas, Christmas peppers and Roman hyacinths.

ROCHESTER, MINN.—Notwithstanding the fact that prices were higher than a year ago, stock moved more freely, sales were larger, with the result that the 1915 business was about one-third above normal at the establishment of the R. Bragg Co., Inc. The quality of stock compared very favorably with last year, especially in azaleas. The demand was strong, and the price of cut flowers caused pot stock to move most actively, resulting in a clean-up in azaleas, primroses, cyclamens and berried plants. Artificial decorations sold better than ever before.

FREMONT, NEB.—Green's Greenhouses report an increase of about 15 per cent in Christmas sales over a year ago, with prices practically the same. There was no real demand for bulbous stock, and sales had to be forced. Clear, bright weather brought the stock in in excellent condition and the supply was plentiful with the exception of roses, carnations and violets. Flowering plants sold especially well, with a heavy call for begonias, cyclamens and azaleas. Anything and everything that was bright colored found a ready buyer.

FORT SMITH, ARK.—George Rye, "Some Florist," writes: "This has been the greatest clean-up Christmas I have ever had. By Christmas morning all plants were sold and I had the largest stock I ever carried. The cut flowers were sold as fast as they could be shown, and on top of that Christmas day and Sunday I had three funerals that cleaned up all stock of any description. I have been in the business for myself four years, and it is the best I ever had, and nearly two-thirds of it was cash."

CANAL DOVER, O.—Greater by a liberal per cent with prices about the same as a year ago, is the report of C. Betscher, in comparing this season's Christmas sales with the corresponding period of 1914. More carnations could have been disposed of if they could have been secured. Plant sales were much larger than in former years, all flowering varieties being popular and ferns had a good sale. Prices on cut flowers were high and to an extent forced the sale of pot plants.

LITTLE ROCK, ARK.—With retail prices about the same as a year ago and a good increase in the demand for the more expensive plants, the Christmas trade of 1915 showed a splendid increase, probably 25 per cent above last year, with cash sales more than ever before, is the report of Tipton & Hurst. The supply was plentiful, with the exception of long stemmed Russells and the quality of the stock was excellent. A good demand was noted for bulbous flowers.

BUFFALO, N. Y.—S. A. Anderson, in summing up this year's business during the Christmas period, estimates an increase of 30 per cent over that of a year ago. Prices were about the same, the quality of the stock was good and the supply plentiful, except in roses and carnations. There was a special demand for high grade flowers and plant baskets priced from \$5 to \$15 also sold well. Artificial flowers were in less demand than in former years.

NEWARK, O.—With a shortage of stock in some lines, especially roses and carnations, and with prices about the same as a year ago, Chas. A. Duerr reports an increase in Christmas sales for 1915. The quality of the stock was as good if not better than in former years and a decided increase was noted in the demand for plants. All kinds of wreaths and Christmas green sold well and there was a good demand for bulbous flowers.

NASHVILLE, TENN.—According to the Joy Floral Co., sales this year were about 15 per cent greater than during the 1914 Christmas period. Prices were better than last year and the supply was adequate, with the exception of violets which were short. The quality of the stock was about on a par with that of a year ago. In bulbous flowers there was a good call for Paper Whites. The call for plants was very good.

ROCKVILLE, IND.—The trade is inclining toward a better line of cut flowers and plants, reports H. B. Brubeck, and as a result holiday business this year showed an increase of 15 per cent, although there was no increase in prices. Carnations were in scant supply due to dark weather, but other stocks were plentiful and of about the same quality as last year. Azaleas and all good stock in pot plants sold well.

GRAND RAPIDS, MICH.—Henry Smith reports splendid Christmas business in both cut flowers and plants. Prices were better and an increase in Christmas sales over 1914 of about 15 per cent is estimated. The supply in all lines was adequate and the quality uniformly good. Poinsettias, cyclamens and azaleas were most in demand and there were many calls for cherries and berried plants.

BRAMPTON, ONT.—Manager W. G. Peacock, of the Dale estate, estimates the 1915 Christmas business as nearly 30 per cent better than a year ago. Prices were slightly higher and the supply was plentiful, with the exception of carnations. Stock was of better quality than usual. There was an exceptionally good demand for orchids for shipment to cities in the United States.

ST. PAUL, MINN.—L. L. May & Co. report an increase of about five per cent over last year's Christmas sales with prices somewhat better and an adequate supply of stock. The quality was good, with the exception of carnations, which were not up to standard. More of the masses bought flowers this year and there was an increase in plant sales, especially cyclamens.

MERIDIAN, MISS.—The 1915 Christmas business was at least 15 per cent better than that of a year ago, according to Mrs. N. G. McKinney. Retail prices were higher this year, but the quality of the stock was not up to standard. Red roses and carnations led the demand in cut flowers and the call for pot plants was greater than ever before.

GREELEY, COLO.—Gardner Floral Co. reports that 30 per cent more stock could have been sold this year than

last had the flowers been procurable, but with prices about the same as a year ago, the volume of business was about equal with that of the Christmas period of 1914. There was an increase in pot plant sales, cyclamens taking the lead.

MILWAUKEE, WIS.—According to Gust. Rusch & Co., Christmas business this year was greater and prices were much better than in 1914. The supply of cut flowers was hardly equal to the demand, and white flowers sold well as compared with other years on this account. All varieties of blooming plants sold well.

WASHINGTON, D. C.—Price seemed to cut no figure where quality and service were considered and the Christmas sales this year were at least 20 per cent better than those of 1914 at Gude Bros. Co. The quality of the stock was better and the prices were better and everything in plants and flowers met with ready sale.

SALINA, KAN.—Edward Tatro reports Christmas sales of about the same volume as a year ago. The shipped in stock was of very poor quality and the prices were "sky high."

WEHAWKEN, N. J.—Peter Reis says he did not bother with cut flowers because they were too high, but he had an excellent business in plants and was completely cleaned out.

NEWARK, N. J.—Begerow, Phillips Brothers and John Crossley all report excellent Christmas business. The latter, states that he was completely sold out in plants.

EAST ORANGE, N. J.—Henry Hornecker, a veteran in the business, states that he sold an immense amount of stock and is well satisfied with results.

JERSEY CITY, N. J.—May F. Kendall, the leading florist of this city, reports excellent business, in fact, the best Christmas in her remembrance.

MICHIGAN CITY, IND.—A. C. Reichert reports his Christmas trade as very good with a 15 per cent increase over 1914.

ELIZABETH, N. J.—The Misses Hutchison, the leading florists of this city, report excellent business.

BLOOMFIELD, N. J.—J. Rassbach reports the best Christmas business he ever had.

LOUISVILLE, KY.—Douglas E. Smith, formerly of Nashville, Tenn., is now with C. B. Thompson & Co.

FRANKLINVILLE, N. J.—A new house, to be devoted to palms, ferns and lilies, is to be erected at the range of J. A. Godfrey.

VIRGINIA, ILL.—Andrew Reiter, proprietor of the Virginia Greenhouses, has gone to Houston, Tex., where he will spend the winter.

TRAVERSE CITY, MICH.—A campaign has been started here to secure the summer meeting of the Michigan State Horticultural Society.

NORFOLK, VA.—The Art Floral Co., recently incorporated, with a capital stock of \$15,000, has opened a flower store at the city market.

CALGARY, ALBERTA.—The business of the Kerrison Floral Co. is being liquidated. No information has been given as to the probable outcome.

CLINTON, MASS.—Frank P. Sawyer has secured additional store room and has doubled the capacity of his establishment in the Pierce block.

Philadelphia.

CHRISTMAS TRADE CLEANS UP MARKET.

The feature of the holiday week was the weather; it was ideal from Monday morning until Saturday night, there was no danger from frost at any time, the last two days being as balmy and spring-like as one would expect at Easter. Sunday morning following, however, was ushered in with a very violent wind and rain storm, which later turned to snow. This would have been a great handicap had it occurred on Saturday. It had a very nasty look for a couple of hours, but cleared up at noon. The Christmas business was a record-breaker in all lines and a gain of from ten to twenty per cent in value of trade is reported. Everybody—growers, wholesalers, retailers, supply men—were all doing overtime with the orders and work pushing them to the limit to keep from getting hopelessly behind. There was a splendid demand for everything of merit and never before was there so much good stock and in such variety. American Beauty roses were in grand condition; in fact, all the rose crops seemed timed to the very day. There were quantities of glorious Russells and Richmond were in splendid shape as were all the teas. The only sorts to hang fire were the White and Double Pink Killarney. There was some pickled stock as there probably always will be.

NOTES.

In the retail section everybody appeared to be well satisfied with their business, it was all they could do to keep up with or handle the increasing business, which, toward the last, compelled some stores to refuse orders except from old customers. All had made great preparations, so that the business can be said to have been most satisfactory. Prices obtained were good, while of course moderately priced plants sold well, there was noticed splendidly flowered cyclamen, marked \$10 per, which cost \$36 per dozen plants. As compared with other \$10 articles they held their own. Made up baskets of foliage and flowering plants were popular and sold well. Splendidly flowered azaleas were in all the stocks, as was fine heather. Poinsettias in pans were in great demand and sold out long before Christmas eve. All kinds of wreaths for window and cemetery decorations were in great demand.

Albert Jones, of the S. S. Pennock-Meehan Co., says that growers make a very great mistake in holding stock, as the market was cleaning up and much better returns would have resulted had they sent the stock in as soon as ready and let the trade sell it to the best advantage. Mr. Jones believes the volume of business was at least 10 per cent better than last season, with the same percentage of increase in prices. The carnation men did not hit Christmas very well and what stock there was sold up clean at good prices. Cattleyas, particularly Percivilliana, were a little too plentiful toward the last. Mixed orchids were scarce. Poinsettias sold out clean.

Christmas business all right, prices better, a good clean up and everything most satisfactory, is Edward Reid's good word. He seemed more than pleased and predicted a splendid business for the balance of the season.

The general consensus of opinion is that the business was most gratifying and will encourage everybody to use their best efforts towards getting a continuation of the trade for the balance of the season.

The Leo Niessen Co. did a wonderful business—it was all right from every standpoint. There were quantities of high quality stock and demand enough to clean it all up. American Beauties were handled by the thousands and there were splendid Russells and all the other standard sorts in quantity. A generous supply of gardenias was a welcome addition to the stock, as was splendid lily of the valley by the thousands. The volume of business was much better than last year with a considerable increase in prices.

"Fine! fine!" is the report of Carl Korts of the Jos. Heacock Co. "Never had finer stock or a better demand, everything sold out clean by Christmas eve—prices about 20 per cent better than last year. Not nearly enough of the shorter grades of roses. Cattleyas sold well at from 60 cents to 75 cents until Friday p. m., when they came in rather too plentifully and dropped in price. Altogether it was a splendid Christmas."

John C. Gracey had an increased demand for boxes of roses by the dozen, rather than assorted cut flowers. Poinsettias and all kinds of cemetery wreaths sold very well with him.

Berger Brothers reported a large increase in their Christmas trade. They could have handled much more stock in several lines. They are much pleased with the outlook.

The Robert Craig Co. reports an increase of 25 per cent over business of last season. All lines of their stock sold well, particularly cyclamens, which they had remarkably fine, many of the choice plants having from 30 to 40 expanded flowers. They supply many growers with young stock and now have orders booked for spring delivery for 128,000 plants.

Pennock Brothers and H. H. Battles were very strong with a large assortment of wreaths, and although great preparations had been made could have sold more. The miniature fancy "auto" wreaths and baskets of Christmas greens were very popular and brought splendid prices.

The Philadelphia Wholesale Cut Flower Co. had a fine business for their first Christmas. Splendid Russells and violets were specialties.

The made up pots of variegated plants and ardisias of H. A. Dreer, Inc., sold well in the stores. They were very well arranged.

The W. K. Harris bird's nest ferns were seen in all the stores. They were the best plants of this striking fern ever offered in this market and sold well.

Godfrey Aschman's araucarias were used to touch up many of the stocks in the stores and sold well with their red ribbon decorations. K.

Detroit.

BEST BUSINESS IN HISTORY.

Christmas trade was the best ever experienced in this city; no one disents from this idea of it, because everyone who was at all in line for business, had all he could possibly do to care for it, and despite the most careful and extensive previous preparations made by many, they failed dismally to equal the great demand made. This refers chiefly to the proper delivery of the purchases and the large force of clerks nearly everyone had engaged for the week was unable to properly serve the great crowds who sought floral effects, either artificial or natural, to send as gifts or to ornament their own homes. Early in the week it was clearly indicated that the demand would be heavy. This was shown by the free purchases of artificial effects and inquiries made for plants and cut flowers. Plants of all kinds were popular and this might well

be called a plant Christmas and the call for these was not confined, as in former years to the early days of the week, but continued up to the very last. The high prices of roses probably was responsible for driving many of the cut flower patrons to the plants and as the stock of the latter was large and complete in variety, the result was advantageous to both florist and his patrons. Frantic efforts were made on Thursday to reach outside markets for roses, as it was plain the local supply was totally inadequate. Some relief was found by the final arrival of belated shipments from Chicago, New York and Philadelphia, but in many cases they came too late for the proper filling of orders.

Carnations were fairly plentiful and the quality good, and most of the stock found sale at a good figure. Lily of the valley, that many thought would be of short supply, was easily available and popular. Violets were good and sold well. Poinsettias came in early this season and Christmas week found a short supply on hand and the result was a clean up on this item. Stevia was not much of a factor in the list, though much of it was sold. Plant baskets were again very popular and many more could have been sold. Holly was good, but little of it was sold by florists except in wreaths, which were as popular as ever. The weather was favorable for deliveries, except on Friday, when a heavy soft snow made it hard for autos, though this impediment was preferable to intense cold.

J. T. S.

Cincinnati.

CHRISTMAS MARKET CLEANS UP WELL.

Christmas business proved to be very good. The supply was larger than was expected, while prices were good and most everything in the market cleaned up nicely. Roses are in a heavy supply and except American Beauties are meeting with a good call. The American Beauties are not having a very active market. Carnations are still on the short side and there are no prospects of an immediate substantial increase in the supply. Easter lilies are plentiful and have a fair sale. Neither orchids, violets nor lily of the valley, all of which are in excellent supply, are having a very strong and active call. Double stevia sells well. The receipts in narcissi are large enough to take care of present needs. Other offerings include callas, poinsettias and magnificum lilies.

NOTES.

Gus Brunner has the sympathy of his friends in his bereavement in the death of his father-in-law, Wm. Burger.

The delivery autos of Fred Gear and Miss Edith F. Kyrk, clashed on Christmas morning.

P. J. Olinger had a very fine lot of red roses and Killarney for his Christmas business.

Visitors: Mr. Uhl, Greenfield, Ohio; Wm. Gardner, New Castle, Ind.; Charles Winner, Lebanon, Ohio.

H.

Columbus, O.

POPULAR DEMAND FOR PLANTS.

"The best ever!" is what most local florists have to say of their Christmas trade. Cut flowers were scarce and high. Carnations sold for \$1.50 to \$2 a dozen, miscellaneous roses \$2 to \$6, American Beauties, \$6 to \$20, violets, \$1.50 per bunch. These prices turned popular attention to pot plants, and to made-up effects in fancy baskets, either flowers or artificial foliage. A fine business prevailed, however, among the best offerings of florists' shops. It is claimed that the 1915 holiday buy-

ing period showed a marked advance in favor of flowers and plants as gifts. Some shops sold up almost clean. In such goods as wreaths, holly and Christmas trees the demand was in greater volume than at any previous season. While more prosperous times comes in for a share of the credit, florists took extra pains this year with window displays, making large use of baskets, fancy pots and other articles that would attract the attention of shoppers. Early in the present week, considerable buying was in evidence from persons in haste to reciprocate unexpected gifts, but stocks offered rather poor selection. Some florists were completely sold out on azaleas and other popular Christmas flowers.

NOTES.

Within the past two weeks four Columbus florists have added new motor delivery service, S. F. Stephens with an Overland, and T. J. Ludwig, Underwood Brothers and the Franklin Park Floral Company with Ford machines.

Norman E. Shaw, state nursery inspector, estimates that Ohio spent \$200,000 on Christmas trees this season. He states that four trains of 50 cars each, would be required to haul Ohio's purchases of New England trees, and that a caravan of automobile trucks more than a mile long would have been needed to carry the trees out within the state. Of 200 car loads with 600 trees to a car which approximately made up Ohio's consumption, 40 went to Cleveland, 30 to Cincinnati, and 20 each to Columbus and Toledo, the other 90 cars having been distributed throughout the state to points other than the cities mentioned. J.

Pittsburgh.

MARKET CLEANS UP EARLY.

The Christmas rush is now a thing of the past and we must now turn our attention to New Year's day, which usually proves to return a fair holiday business. Christmas flowers were not so plentiful this year, with the exceptions of roses and violets. The latter were expected to be rather scarce, but, contrary to predictions, swamped the market and Monday morning, December 27, finds a great many of them unsold. The demand, however, did not seem to include violets. There was a better call for novelty roses, sweet peas and daisies. Richmond roses and American Beauties were in good supply, especially in the fancy grades. There was not much left to sell in the way of short roses, carnations, lilies and narcissi after Wednesday. Pittsburgh experienced probably the worst traffic congestion in the history of the flower business during the latter part of the week. It was next to impossible to get deliveries of flowers from the express companies in due time, with the result that many shipments from out of town growers arrived on Christmas day and Sunday, too late for good sales.

NOTES.

Neil McCallum, president of the Florists' & Gardeners' Club wishes to announce that at the Ft. Pitt hotel (the next regular meeting, Tuesday January 4), W. C. Todd "The Bird Man" of Carnegie museum, will give his celebrated lantern lecture entitled "Travels and Adventures in the Hudson Bay Country." Mr. Todd has spent several seasons collecting in these regions and as he is an exceedingly observant man, his lecture will be both entertaining and instructive. Our Carnegie museum, through Mr. Todd's efforts, contains the best collection of northern fanner on this continent. Bring all your friends and take advantage of this treat.

Randolph & McClements report their "best Christmas business ever" for 1915, both in plants and cut flowers. Some of their plant combinations and artificial pieces were worth going farther than East Liberty to see. G. P. Weaklen Co., and The Zieger Co., also report a banner year, both stores executing some exceptionally beautiful and tempting pieces of work, cleverly displayed in their large show windows.

Two visits to the store of Mrs. E. A. Williams, Wednesday and Saturday evenings presented a striking contrast in their plant business. Hundreds of plant arrangements were being displayed Wednesday, but Mr. Sheaf reports that every single plant was sold and delivered by Friday.

The trade received quite a shock Friday afternoon when it was learned that the oldest son of Joseph Thomas had shot himself at his home in Greensburg. The exact nature has not been learned, but our deep sympathy is with Mr. Thomas in his unfortunate loss, especially at this season of the year.

The down-town people all report a grand clean-up in everything, especially baskets and made-up wreaths. Harris Bros., Gallagher & Franks and the several market stands were sold out at a comparatively early hour Friday evening in all lines of stock.

Arthur James of Wilkinsburg was the "poinsettia king" this season, and furnished many of the local trade with fancy blooms in pots and in cut stock.

There was a marked scarcity of holly, laurel and boxwood in the local market this season. M.

Louisville, Ky.

EXCELLENT CHRISTMAS BUSINESS.

The 1915 Christmas sales were much better than those of a year ago, and perhaps better than any preceding year in the history of the trade in this city. The weather was ideal and enabled the florists to deliver orders rapidly and with no fear of freezing. There was a good demand for Christmas baskets filled with holly, winter berries and ruscus arranged with flowers. Plants sold well, as did the better grade of cut flowers, such as orchids, American Beauty roses, etc., and a great many corsage bouquets of violets, orchids, Ward roses and lily of the valley were sold. There was a shortage of good holly—not a case to be had at wholesale December 24.

NOTES.

John Foster, a florist employed at the greenhouses of the F. Walker Co. at New Albany, Ind., was assaulted by several negroes December 24, following an altercation, and died of a fractured skull the following day. Additional details are given in another column of this issue.

The new Nanz & Neuner Co., Inc., had unusually fine quality carnations this year, but owing to the cloudy weather, did not have a very heavy cut to meet the Christmas requirements.

The Christmas decoration for the Stewart Dry Goods Co.'s store consisted of a large number of holly wreaths five feet in diameter tied with large bows of red ribbon.

The E. G. Reimers Sons Co. made a special feature of the plant business for Christmas, and did not push the cut flower end of the business.

The Kunzman Floral Co. had fine stock of Lorraine begonias and cyclamens for the Christmas demand and cleaned up entirely.

H. G. Walker of the F. Walker Co., had an acute attack of indigestion which kept him confined to his home Christmas day.

A. Rasmussen of New Albany had a fine crop of roses in variety, but was short on carnations.

Jacob Schultz had a fine lot of azaleas and poinsettias for the Christmas trade.

Wm. Walker Co. added a new Ford car to their delivery system for Christmas. W.

Montreal.

HEAVY CHRISTMAS PLANT DEMAND.

Christmas trade this year was very good. Everything was sold out with prices in plants about the same as last year; that means lower than two and three years ago. Cut flowers sold considerably higher. Roses sold from \$3 up, with best American Beauties \$24 per dozen; carnations, \$2 to \$3 per dozen; lily of the valley and violets, \$1 per bunch; narcissi, \$1 and daffodills, \$1.50 per dozen. These prices frightened many prospective buyers away, and the florists found it very difficult to explain why prices increased within 10 days from 35 cents and 50 cents per dozen to \$2 and \$3 per dozen for carnations and many other inflated prices like the above. Of course the growers and wholesalers were accused as the victim. However, cut flowers were all sold out before the demand was satisfied. This shows again that flowers are a necessity and people must have them regardless of the cost. The quality was better than ever before and no complaints were heard about sleepy carnations or pickled stock. The supply and quality of the plants was excellent. Azaleas were perhaps scarce, but what there was, was of superior quality. Poinsettias for the first time in history were in sufficient quantity to go around. Cyclamens took the place of azaleas. Never before were there displayed such specimens by the hundreds, all plants with from 50 to 100 flowers and buds, and from one foot to two feet in diameter. There were less begonias, but more Jerusalem cherries. Very little bulbus stock was ready. Holly and laurel wreathing sold well; also boxwood made up baskets. The delivery was aided by very mild weather—always above freezing, and good roads. J. L.

Wichita, Kan.

SOLID WEEK OF BIG BUSINESS.

Christmas week was a solid week of good business with each day's volume increased over that of last year, and probably set a new record for the total amount of business done. Plant sales were decidedly heavier, and also the average amount of sales made was probably higher, showing an increased demand for the better class of goods. Made-up basket arrangements sold well, likewise well-trimmed pots easily brought an additional profit for the extra trimming. Azaleas, poinsettias, Lorraines and cyclamens were the "big four", with other blooming plants and ferns filling the demand for something different or cheaper. Stocks of cut flowers were of course augmented by supplies from the wholesale markets and were fairly adequate except for carnations, which were practically out of the market for sales over the counter, it taking all that could be secured to fill orders already booked. Retail prices were about as usual for the season. Weather was fine all week, except that Friday showed up with a snowy slush that bothered rapid transit. Christmas day was fine; temperature above freezing by 10 a. m. and delivery problems much simplified in comparison with last year.

NOTES.

W. H. Culp & Co. were especially fortunate with their azaleas, getting them in just right and selling out

clean at good prices. Their new store proved its advantages in handling the crowd and the goods.

F. Kuechenmeister says, "Fine, fine, the best ever." Their new delivery car is about the niftiest of its kind on the streets and surely made good during the rush.

Chas. P. Mueller was especially well fixed with poinsettias, which sold out completely.

C. A. Rose reports business the best yet with not even a Christmas tree left. C.

Providence, R. I.

SALES 25 PER CENT BETTER THAN 1914.

The 1915 Christmas business was better than for many years past. The weather was not of the true Christmas kind, the preceding Thursday being warm and a heavy rainstorm put a damper on business for that day, but the public made up for it Friday when trade was very heavy. Carnations sold better this year than ever before, and seemed to be favorites with all flower buyers and baskets of plants and fancy grasses also enjoyed a good call. Roses did not move as well as last year and while sweet peas were very good in quality the demand for them was not very heavy. Lily of the valley sold well, as did orchids, and corsages of white and yellow marguerites were popular. The stores were well stocked with all kinds of pot plants, such as cyclamens, ardisias, cithotiums, araucarias, begonias, primulas, maidenhair ferns, Boston and Whitmani Ferns, heaths, pepper plants, Jerusalem cherries, crotons, azaleas, rubber plants and other small stock. Partridge herry bowls had a very good call as did the small auto wreaths that were new in this city this year. All evergreen stock sold very good, the prices were much better than in former years, that is, better prices were paid than formerly. Taking the business from beginning to end this year, it seemed that the Christmas business was 25 per cent better than last year.

NOTES.

Red carnations this year sold as high as \$12 per 100, and the call for them was very good at the wholesale markets.

H. A. Burlingame's violets were the best that have been seen for some time. He sold out early.

John Marshall, of the Fruit Hill Greenhouses, cut fine sweet peas for the Christmas trade.

Fred Hoffman, of Pawtucket, had excellent azaleas this year that sold very well. H. A. T.

The Late John Foster.

John Foster, a former resident of Glasgow, Ky., but for the past 14 years an employe of the F. Walker Co., Louisville, Ky., at the firm's greenhouses at New Albany, Ind., died at his home near that city, December 25, following an assault by several negroes, with whom he had an altercation, his skull being fractured from the effect of blows with a club. Mr. Foster was on the way to his home, accompanied by his sons, when five assailants, three of whom were since captured, attacked him. He died without regaining consciousness. His wife died a number of years ago and he is survived by three sons and two daughters. Funeral services were held from his late residence December 27, with interment at Fairview cemetery, New Albany.

St. LOUIS, Mo.—Leonard G. Townsend, of the Townsend Floral Co., 4248 Olive street, died December 12, aged 54 years.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.
Advertising rates on application.
From the first issue the AMERICAN FLORIST has accepted only trade advertisements.
Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.
We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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I have finished another year, said God,
In grey, green, white and brown.
I've strewed the leaf upon the sod,
Sealed up the worm within the clod,
And let the last sun down.

A HAPPY NEW YEAR to you.

RENEW subscription promptly so that no copies of the paper may be missed.

HENRY WARD BEECHER said: "Flowers are the sweetest things God ever made and forgot to put a soul into."

RAMBLER ROSES, within a comparatively few years, have taken an important place in the Easter plant trade and now rank close to the lily in popular favor.

THE two greatest inventions of the human mind are writing and money—the common language of intelligence and the common language of self interest.—Mirabeau.

Vaughan's Gold Medal Gladioli.

Vaughan's Seed Store, Chicago and New York, have been awarded gold medals for each of their displays of the following gladioli at the Panama-Pacific exposition: Rainbow Mixture, Mrs. Francis King, Chicago Salmon and Rose Gouchault, also silver medal for Chicago White.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that Lager & Hurrell, Summit, N. J., offer for registration the cattleya mentioned below. Any person objecting to the use of the proposed name or registration is requested to communicate with the secretary at once. Failing to receive objections to the registration, the same will be made three weeks from this date.

Cattleya Percivalliana "Roeblingiana," sepals and petals pure white, lip rose and crimson purple with a broad white border; discovered December, 1915. JOHN YOUNG, Sec'y.
December 27, 1915.

American Sweet Pea Society.

A meeting of the executive committee was held at the Hotel Belmont, New York, December 4, 1915, the following being in attendance: William Gray, W. C. Kerr, Lester L. Morse, A. N. Kirby, A. J. Sperling, Arthur T. Boddington, Harry A. Bunyard and J. Harrison Dick, who was elected to the executive committee to fill the vacancy occurring through the death of W. Atlee Burpee. The following resolution was passed on the death of Mr. Burpee, it being further resolved that a copy of same be sent to the bereaved family, spread upon the minutes of the society and a copy sent to the trade press:

Resolved, that the executive committee of the American Sweet Pea Society at a meeting held in New York, December 4, 1915, speaking for its members, desires to express in this feeble manner its sense of immeasurable loss sustained by the passing away of its most devoted charter member, W. Atlee Burpee. The society has lost its best friend, and the flower we all love so well has lost its most ardent lover. Wherever the sweet pea is grown, it will always be known as an emblem of pure devotion to the memory of our devoted friend.

WILLIAM GRAY,
W. C. KERR,
LESTER L. MORSE,
A. N. KIRBY,
A. J. SPERLING,
J. HARRISON DICK,
A. T. BODDINGTON,
HARRY A. BUNYARD.

A letter was read from the Bar Harbor Horticultural Society, stating that the schedule was being prepared for its 1916 summer exhibition, and it was resolved that in view of the fact that the Bar Harbor exhibition was to be held three weeks later than any date in which growers of New York and vicinity could possibly exhibit, that the society hold an exhibition and convention in New York City, contingent upon a sufficient sum for premiums being assured and a suitable hall for the exhibition secured, the matter to be at the discretion of the exhibition committee. Several members present volunteered premiums should the committee decide upon the exhibition.

"The Sweet Pea Oracle" is the title of a Year book to be issued by the society, J. Harrison Dick, as chairman, W. A. Sperling and Harry A. Bunyard being appointed a committee to take the matter in hand and proceed at once. The book will be sent to members of the society gratis and to others upon receipt of 25 cents. Firms desiring these books in quantities will be supplied with them at cost.

A resolution was passed allowing horticultural societies to become associate members of the American Sweet Pea Society upon the payment of \$10 annual dues. Such affiliated societies will have the privilege of receiving and awarding one each of the American Sweet Pea Society's medals, namely: One silver medal and one bronze medal at their local exhibitions; also the privilege of sending one delegate with power to vote at the annual conventions. The secretary was instructed to notify all horticultural societies to this effect.

Lester L. Morse was authorized to hold an exhibition at San Francisco in 1916 under the auspices of the American Sweet Pea Society. He was given full power to act and Frank G. Cuthbertson was appointed assistant secretary to act at the exhibition. President Gray appointed the following to act as a general committee on exhibitions: W. C. Kerr, William Duckham, J. Harrison Dick, A. N. Kirby and W. A. Sperling.

HARRY A. BUNYARD, Sec'y.

Wire Prices Advanced.

Cleveland, O., December 22.—The Daily Iron Trade says: "Both Birmingham and Ironton foundry pig irons show stronger tendency to rise and scarcity of silvery iron for first quarter makes it sell at premium. American Steel and Wire Company today advances quotations \$2 per ton on all wire products except galvanized nails to highest price level since early 1901, showing gain of \$12 per ton since year ago. Hundreds of thousands of large steel rounds for delivery in latter part of next year have been placed before American mills by European representatives, while Italy and France both inquire for good tonnage of rails and track fastenings."

Where Last Heard From.

Chas. W. Scott, Chambers street, New York.
L. W. Wheeler, Racine Hotel, Columbus, Ga.
Jesse Agnew, Battle Mountain, Nev.
Eugene Schacttel, S. S. Lafayette.
Bob Newcomb, Battle Creek, Mich.
J. R. Fotheringham, Tarrytown, N. Y.
Chas. M. Jackman, Paris, France.
Fred H. Hunter, Spokane, Wash.
Chas. W. Ward, Avery Island, La.

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

January 26-27, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 38th and Rockwood avenues, Indianapolis, Ind.
March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville.
March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.
April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cleveland, O., January 3, 8 p. m.—Cleveland Florists' Club, Club Room A, Hollenden hotel, Frank A. Friedley, secretary, 95 Shaw avenue, East Cleveland.

Montreal, Que., January 3, 8 p. m.—Montreal Gardeners and Florists' Club, 140 Mansfield street, W. H. Horbin, secretary, 283 Marquette St., Montreal.

Buffalo, N. Y., January 4, 8:30 p. m.—Buffalo Florists' Club, 383 Ellicott street, Wm. Legg, secretary, 889 West Delavan avenue, Buffalo.

Dayton, O., January 4, 8 p. m.—Dayton Florists' and Gardeners' Association, Y. M. C. A. building, E. E. Schaefer, secretary, 136 South Main St., Dayton.

Detroit, Mich., January 4, 8 p. m.—Detroit Florists' Club, L. Bemb Floral Co., Henry Foustler, secretary, 237 Woodward Ave., Detroit.

Indianapolis, Ind., January 4.—State Florists' Association of Indiana, Oliver Steinkamp, secretary, 3800 Rockwood Ave., Indianapolis.

Lake Geneva, Wis., January 4, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall, Raymond Niles, secretary, Lake Geneva.

Los Angeles, Calif., January 4, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin street, Hal S. Kruckeberg, secretary, Los Angeles.

Minneapolis, Minn., January 4, 8 p. m.—Minneapolis Florists' Club, 218 North Fifth street, Wm. J. Vnsatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., January 4, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street, above Spruce, David Rust, secretary, Philadelphia.

Pittsburgh, Pa., January 4, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, 10th St. and Penn Ave. H. P. Joslin, secretary, 7202 Perrysville Ave., Ben Avon, Pa.

Washington, D. C., January 4, 8 p. m.—Florists' Club of Washington, 1214 F St., N. W. Clarence L. Lutz, secretary, 635 Tenth St., N. E., Washington.

Louisville, Ky., January 5, 8 p. m.—The Kentucky Society of Florists, August Baumer, secretary, Masque Temple, Louisville.

Albany, N. Y., December 6, 8 p. m.—Albany Florists' Club, 611-613 Broadway, Robert Davidson, secretary, 139 Second St., Albany.

Chicago, January 6, 8 p. m.—Chicago Florists' Club, Hotel Morrison, Guy W. French, secretary, Morton Grove, Ill.

Milwaukee, Wis., January 6, 8:15 p. m.—Milwaukee Florists' Club, J. C. Kiegler's Cafe, State and Third Sts. Eugene Oestreich, secretary, North Ave. and 55th St., Milwaukee.

Omaha, Neb., January 6.—Omaha Florists' Club, Court House, L. Henderson, secretary, 18th and Douglas Sts., Omaha.

Terre Haute, Ind., January 6, 8 p. m.—Terre Haute Florists' Club, Commercial Club Rooms, Tribune building, N. E. Stover, secretary, 118 South Sixth street, Terre Haute.

Lake Forest, Ill., January 7, 8 p. m.—North Shore Horticultural Society, Council Chamber, City Hall, E. Bollinger, secretary, Lake Forest.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about February or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALXIS POIRON, Bustleton, Pa.

Situation Wanted—First-class rose and carnation grower to take charge of place or large section. Have had charge of some of the best rose and carnation places in the country. State wages paid and full particulars. Open for immediate engagement. Address SIMON HEEMSKIRK, 1529 Arch St., Philadelphia, Pa.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. East preferred. Open for engagement now, or by Jan. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Situation Wanted—Young man seeks situation as foreman or assistant on good private place; can furnish first-class references from Great Britain and America. Has had experience in orchids, roses, carnations, bedding stock, general line of pot plants, fruit under glass, etc. Have been in both commercial and private establishments for the last ten years. Can be well recommended from present place. For references, etc., apply to S. THOMAS, 527 Wood st., W. Lafayette, Ind.

Help Wanted—A man or lady for store, must be first-class in all respects. HESS & SWOBODA, 1415 Farnam St., Omaha, Neb.

Help Wanted—Have an opening for ambitious and capable young man as assistant in growing cut flowers; \$55.00 per month with chance for advancement. ALOIS FREY, Crown Point, Ind.

Help Wanted—Florist of experience under glass and able to supervise care of grounds. Houses commercial. Single man preferred; good wages. Write to OXFORD SANITARIUM, Oxford, Ohio.

Help Wanted—Young man who has had experience in greenhouses to learn retail florist business in Chicago. Splendid opportunity for a single man. Good salary to start. Address Key 592, care American Florist.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

For Sale—Schmidt floral ice box; size, 9 ft. high, 6 ft. wide, 4 ft. deep; double plate glass; 600 pound ice capacity; white enamel. Very cheap if sold at once. Address Key 583, care American Florist.

For Sale or Partner—Small greenhouse on seven acres choice garden soil. All or part to man having small sum of money to invest with his labor. Best location. No opposition. Address DR. F. E. GRAVES, Hinkley, Ill.

For Sale—Three acres of land near Chicago partly planted to peonies and gladioli, and a small greenhouse 20x50 feet, well stocked with miscellaneous plants. Cottage and barn on premises. Good location for a florist or vegetable grower. \$3,100 takes the place and is a bargain. Terms to suit. For further particulars address Key 591, care American Florist.

Greenhouse For Sale—Mooninger houses, modern; 13,000 ft. of glass; steam heat; cheap gas fuel; located in city of 40,000 in Eastern Oklahoma; wholesale and retail business of about \$10,000 a year; established six years. Poor health cause for selling. Entire plant invoices about \$15,000. Will sacrifice. Five thousand dollars, balance terms, will handle it. Plant not for rent or trade. This is a good opportunity. Address Key 589, care American Florist.

FOR SALE.

A Retail Florist Business in the heart of New York City, established 25 years. Fine location, Proprietor has other business to attend to. For particulars address:

A. F. F., care of American Florist, 42 West 28th St., New York.

PRACTICAL NURSERYMAN WANTED

to take charge of our new Woodmont Nursery. Permanent position with chance for advancement to the right party.

The Elm City Nursery Co. Woodmont Nurseries, Inc. NEW HAVEN, CONN.

In writing state experience and reference.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587 care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By a young man, single; thoroughly experienced in arranging Christmas baskets, care of plants, designing, etc. Call or write C. K., care Wieter Bros., 162 N. Wabash Ave., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

— OF THE —

United States and Canada
Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO

You need it now for names and addresses.

POEHLMAN

72-74 E. Randolph St.,

FINE LARGE CROP OF ALL ROSES

Killarney, Hadley, Milady, Ophelia, Sunburst.

AMERICAN BEAUTIES—MRS. CHAS. RUSSELL

CARNATIONS, VALLEY, EASTER LILIES.

PRICE LIST— IN EFFECT
JAN. 3, 1916.

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$6.00
36 in.....	5.00
30 in.....	4.00
24 in.....	3.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	3.00
26 to 28-in.....	2.50
22 to 24-in.....	2.00
18 to 20-in.....	1.50
16-in.....	1.00
Short, per 100.....	6.00

Hoosier Beauty

RICHMOND	}	Special, Charged accordingly	Per 100
HADLEY			
OPHELIA			
SUNBURST			
MILADY			
Kill. Brilliant		Short... \$4.00 to 6.00	

BULGARIA	}	Special... Charged accordingly	Per 100
AARON WARD			
KILLARNEY			
WHITE KILLARNEY			

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart	
Roses.....	per 100, \$3.00 to \$4.00
GEORGE ELGAR, yellow..	per 100, 3.00 to 4.00
FIREFLAME, pink.....	per 100, 4.00 to 10.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer.....	\$1.50 to \$2.50
Violets, double or single.....	.75 to 1.00
Mignonette.....	6.00 to 8.00
Stevia.....	2.00
Freesia.....	4.00
Jonquils.....	5.00
Paper Whites, Romans.....	3.00 to 4.00
Smilax.....	doz. \$2.00
Plumosus... per 100, \$2.00 to \$3.00	
Sprengeri... per 100, 2.00 to 3.00	
Adiantum... per 100, 1.00	
Galax, green and brown. 1000, \$1.50	
“ “ “ “ 100, .20	
Leucothoe..... per 100, .75	
Mexican Ivy. 1000, \$6.00; 100, .75	
Ferns..... 1000, \$2.50; 100, .30	
Boxwood.... bunch, 25c; box, 7.50	

ORCHIDS

Market Price

Cattleyas.....	\$7.50 to
Gardenias.....	3.00 to
Cypripediums.....	2.00

EASTER LILIES

Per 100.....\$10.00 to

LILY OF THE VALLEY

Per 100..... \$3.00, \$4.00

CARNATIONS

Best Fancy, all colors.....	
Medium, per 100.....	
Short and splits.....	\$1.50 to

WILD SMILAX

Per case.....

WHEAT SHEAVES

Prices on Raw Wheat material has advanced but we offer for this month only the exceptional low prices for the best and heaviest wheat sheaves made. Send in your order for immediate delivery.

Length	Each	Doz.	Length	Each	Doz.
A 15½ inch. ..	\$.15	\$1.50	F 26 inch. ..	\$.70	\$ 7.50
B 17 inch. ..	.25	2.50	G 28 inch. ..	.90	9.60
C 19 inch. ..	.35	3.00	H 30 inch. ..	1.00	10.00
D 21½ inch. ..	.45	4.80	I 32 inch. ..	1.25	13.25
E 24 inch. ..	.55	6.00			



N BROS. CO.

Distance Phone,
Randolph 35. CHICAGO, ILL.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants
3 plants in a pot 30 in. high 3.00
Specimens, very heavy, \$10.00 to \$12.00.

Kentia Belmoreana			
Single Plants			
4 inch pots,	5 to 6 leaves,	18 in. high	Each \$0.40
\$4.50 per dozen.			
6-inch pots,	6 to 7 leaves,	24 in. high	1.00
6-inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
7-inch pots,	6 to 7 leaves,	36 in. high	3.00
8-inch tubs,	6 to 7 leaves,	38 in. high	3.50
8-inch tubs,	6 to 7 leaves,	48 in. high	5.00
8-inch tubs,	6 to 7 leaves,	58 to 60 in. high	7.00
Specimens, \$15.00 to \$50.00.			

Kentia Forsteriana			
Made-up Plants			
7-inch pots,	3 plants in a pot,	28 to 30 in. high	\$2.00
7-inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7-inch tubs,	4 plants in a tub,	38 to 40 in. high	3.00
8-inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs,	4 plants in a tub,	50 in. high	5.00
8-inch tubs,	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00
Strong specimens, in 15 inch tubs, 5 plants, \$15.00, \$18.00 and \$25.00 each.			

Kentia Forsteriana			
Single Plants			
6-inch pots,	5 to 6 leaves,	28 to 30 in. high	\$ 1.00
6-inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6-inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
8-inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
8-inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10-inch tubs,	6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10-inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii		Each
3-inch.....	\$3.00 per doz.	
5 inch pots.....	\$1.00	
7-inch pots, 26 in. high, 34 to 36 in. spread.....	2.50	
8-inch tubs, grand specimens.....	3.50	
10-inch tubs, grand specimens.....	\$5.00 to 7.00	

Aspidistra Lurida		Each
Green, 5 inch pots, 10 to 12 leaves.....	1.00	
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50	

Dracaena Amabilis		Each
6-inch pots.....	\$1.00, \$1.25 each	
Dracaena Terminalis Rosea		Each
3-inch pots.....	\$3.00 per doz.	
4-inch pots.....	40c each; \$4.50 per doz.	
5-inch pots.....	75c each; 7.50 per doz.	

Dracaena Godseffiana		Each
Per doz.....	\$1.00	

Dracaena Baptistii		Each
6-inch.....	\$1.00, \$1.25 each	

Dracaena Massangeana		Each
5 inch.....	75c each	

Dracaena Stricta Grandis		Each
5-inch.....	\$1.00 each	

Dieffenbachia Magnifica		Each
Each.....	50c, 75c, \$1.00	

Areca Lutescens		Each
8-inch tubs, 5 plants in a tub.....	3.00	

Miscellaneous Plants

Boston, Whitmani and Roosevelt Ferns, Pandanus Veitchii, Crotons, Asparagus Plumosus, Araucarias, Etc. Best Obtainable.

ARAUCARIA ROBUSTA COMPACTA	
Each	\$1.00
3 plants in a pot	\$1.50, \$2.00 and 2.50

ARAUCARIA EXCELSA	
Each	\$1.00
3 plants in a pot	1.50
5 plants in a pot	2.00

FERNS	
Boston, Roosevelt and Whitmani	Each
3 plants in a pot	\$0.50
5 plants in a pot	.75
7 plants in a pot	2.00

PANDANUS VEITCHII	
Each	\$0.35
3 plants in a pot	.50

CROTONS.	
Finest varieties, beautifully colored and well furnished with leaves to the pot.	Each
3 plants in a pot	\$.50
5 plants in a pot	.75 to 1.00

ASPARAGUS PLUMOSUS	
3 plants in a pot	\$2.50 per 100
5 plants in a pot	5.00 per 100
7 plants in a pot	\$4.20 per doz.

BEGONIA CINCINNATI	
3-inch pot.....	15 cents each
4-inch pot.....	\$ 4.00 per doz.
5-inch pot.....	8.00 per doz.
6-inch pot.....	\$ 9.00 and 12.00 per doz.

BEGONIA LORRAINE	
4-inch pot.....	\$ 3.00 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

TABLE FERNS	
Per hundred.....	\$3 50

PRIMULA OBCONICA	
5-inch pot—In bloom.....	per doz., \$3.00

CYCLAMEN	
4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

AZALEAS	
Limited Supply.	
1.00, 1.25, 1.50, 2.00, 2.50, 3.50 and 5.00 each	



PANDANUS VEITCHII.

REDUCTION IN PRICES

In Effect January 3, 1916.

American Beauties	Per doz.
Extra long stem Specials.....	\$5.00 to \$6 00
Stems 36 inch.....	4.00
Stems 24 to 30 inch.....	2.00 to 3.00
Shorter lengths.....	.75 to 1.50

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer	Per 100
Extra long stems.....	\$10.00 to \$12.00
Good length stems.....	8.00
Medium stems.....	6.00
Short stems.....	4.00 to 5.00

Cecile Brunner or Sweetheart Roses	
Per bunch of 25 buds.....	.75c

Sunburst, White and Pink Killarney and Hillingdon	Per 100
Extra long.....	\$10.00 to \$12.00
Good length.....	8.00
Medium.....	6.00
Good short.....	4.00 to 5.00

Carnations	Per 100
All colors.....	\$4.00 to \$6.00
Stevia, very fancy, per bunch	\$0.35 to \$0.50
Valley, per 100	4.00 to 5.00
Paper Whites, per 100	3.00 to 4.00
Choice Common Ferns, per 1000	2.50
Asparagus and Sprengerii, per 100	\$2.00 to 3.00
Galax Leaves, per 1000	1.00

ROSES, our selection, in lots of 300 or more, at the rate of \$4.00 per 100.

All Other Stock at Market Prices. We are Growers and Guarantee the Quality of all the Stock We Sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES

L. D. Phone, Central 1457.

HINSDALE, ILLINOIS.

Chicago.

CHRISTMAS TRADE VERY GOOD.

The Christmas trade was much better than last year and stock of all kinds cleaned up nicely each day. Prices in general were higher than a year ago especially on carnations which were in short supply and sold quickly at the advertised quotations. There were plenty of roses to go around but there was no great surplus when the stores closed at Christmas noon. Violets were scarce and sold at prices ranging from \$1.00 to \$2.00 per 100. Sweet peas easily brought \$1.50 to \$2.00 per 100 with very little stock offered. American Beauty roses were in large supply but sold at good prices, notwithstanding the fact that a large quantity of eastern stock was shipped into this market again which had a tendency to hold down prices on the local grown stock which was of exceptionally fine quality. Many orders were filled for American Beauty roses in the east in almost the immediate vicinity where some of the eastern flowers were shipped from. Gardenias and orchids sold well and were none too plentiful. The shipping trade was very good but the local demand, while fair, was nothing to speak of, but the market in general held firm and taken all in all the Christmas sales in almost every instance exceeded all expectations and were much better than in 1914. Very few gladioli were offered this Christmas, but some very fine stevia and mignonette was seen. Red winter berries and California holly sold well and cleaned up splendidly. The wholesale plantmen had a good holiday trade and sold out completely in all lines many days before Christmas. The supply houses were well satisfied with their Christmas

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

Happy and Prosperous
New Year to Everybody.

business and were kept on the jump until the last minute filling the late orders that continued to arrive. The out-of-town florists must have enjoyed a brisk Christmas trade and sold out well in all lines for shipping orders were numerous December 27 and the local demand was also fairly good. Stock is in good supply at this writing with the exception of carnations, which are not arriving in any great quantities yet.

The department stores handled a large number of plants at Christmas again this year, principally azaleas, cyclamens, poinsettias and begonias. Azaleas sold for 69c each but no delivery was made and no orders over telephone were recognized. Poinsettias in 5 and 6 inch pots sold for 49 cents retail and cyclamens in 4½, 5 and 6-inch pots at 39 cents. Begonias sold for 49 cents each, but the quality of the stock offered, while good, was not up to that one usually sees in an up-to-date florist's store around the holi-

Violets

Roses--Carnations--Stevia

Calendulas, White and Yellow Narcissus, Boxwood, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

days. One dealer says that he had an agreement with one of the large department stores to take all of his surplus, which he was glad to dispose of. The stores sold the plants at less than cost and cleaned up early. Hillman's, The Fair and the Boston store were the heaviest buyers but several others handled a limited supply, which they disposed of early. Marshall Field & Co. handled florists' supplies and sold a large number of made up wreaths of ruscus, red frieze, etc., at ridiculously low prices.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
Phones: { " 601,

LARGE CUTS

Choice White Killarney, Sunburst and Russell Roses.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES		Per doz.	MRS. CHAS. RUSSELL		Per 100	
Extra long stems.....		5.00	Specials		\$20.00	
48-inch stems.....		4.00	Select		15.00	
36-inch stems.....		3.00	Medium		12.00	
30-inch stems.....		2.00	Short	\$8.00 to	10.00	
20 to 24-inch stems.....		1.00	Carnations, fancy		5.00	
Short stems .....		.75	" good		4.00
Killarney.....			Harrisii..... per doz.,	\$1.50 to \$2.00		
White Killarney..			Valley	\$4.00 to \$5.00		
Killarney Brilliant	Specials	Per 100	Violets	1.50 to 2.00		
Sunburst.....			\$12.00	Smilax..... per doz, strings,	\$2.00	
My Maryland.....			10.00	Adiantum	1.00 to 1.50	
Ophelia.....			8.00	Asparagus, per bunch.....	.50c to 75c	
Richmond.....	Medium	8.00	Ferns, per 1000.....	\$2.50		
Milady	Short	5.00	Boxwood	per bunch, 25c		
ROSES, our selection.....		\$4.00	Galax, bronze and green... per 1000,	\$1.00		
			Stevia	1.50 to 2.00		
			Sweet Peas	1.00 to 1.50		
			Leucothoe Sprays .....	.75 to 1.00	

2,000,000 Feet of Modern Glass

Z M E A C & N H N

HAPPY NEW YEAR

TO ALL

If you want it to be a prosperous one
Trade With Us.

30 E. Randolph St., Chicago
Phones
Cer. 1, 2, 3 } 3283
Automatic, 42-965 } 3284

NOTES.

A. L. Vaughan & Co. had a better Christmas trade than last year with the sales running \$1,300 ahead of 1914. Sammy Nemerovsky, one of the employes at this house, is confined to St. Mary's Hospital with a severe cut in his right foot which happened while he was chopping up some of the large holly cases during the rush. Mr. Vaughan is seeing that he is receiving the best medical attention possible and from last reports he was doing as nicely as could be expected.

Miss Paradise's brother is quite sick with pneumonia and is reported to be in a serious condition.

A. T. Pyfer & Co. cleaned up completely in all lines for Christmas and are more than pleased with the holiday trade. V. Bezdek is shipping a good supply of fancy sweet peas to this firm of which he is a member and had a fairly good cut for Christmas which easily brought \$1.50 and \$2 per 100.

O. Johnson reports a brisk demand for American Beauty roses at the Ba-

U S Budlong's E Blue Ribbon Valley.

tavia Greenhouse Co.'s city salesroom with fancy stock bringing \$75.00 per 100.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

J. A. Budlong shipped out a box of carnations, December 23, which was addressed wrong and consequently did not reach its intended destination. The shipment landed in one of the western cities and the express messenger instead of wiring that there was no such party there to whom the shipment was addressed mailed a postal instead. Upon receipt of the postal Manager Schupp wired to express the box back, which reached here December 23. Naturally one would think that the shipment would be a total loss but it was not for when the box was unpacked the stock consisting of Enchantress, White Enchantress and Ward carnations was found to be in good condition and the flowers were sold a few minutes later to a local buyer at five cents each. Mr. Schupp thinks that the keeping quality of the stock was unusually fine and while his son Roswell, the packer, admits this he adds that preparing the boxes for shipment had much to do with it.

Poehlmann Bros. Co.'s Christmas trade in the wholesale cut flower department was much better than last year according to Otto W. Frese and very satisfactory from every standpoint. The supply department had all the orders that it could conveniently handle and the plant department at Morton Grove sold out in Christmas stock at an early hour. John Poehlmann, Sr., is still confined to his home with stomach trouble, but is getting along as nicely as can be expected and will be able to be back at the store again in the near future. John Poehlmann, Jr. is on the job every day at the store and is devoting all of his time to the cut flower department.

Miss O'Neil, who keeps the George Reinberg books has the sympathy of the trade in the loss of her father whose death occurred last week. The funeral was held December 24 and it is needless to add that it was a most unpleasant Christmas for her. Frank Hagen of the Reinberg force has been on the sick list for several days and Manager Northam's eleven-year-old daughter Evelyn has been quarantined with scarlet fever for over a month. Notwithstanding the misfortunes at this house the Christmas trade was splendid and Mr. Reinberg's daughter Clara proved to be of much assistance in the office during the week.

Wieter Bros. never had a better Christmas trade than they did this year and the sales were surprisingly

large. In addition to a large quantity of roses and carnations this firm had a tremendous cut of fancy American Beauties which brought very satisfactory prices notwithstanding the large supply of eastern stock that was handled in this market again this year. The shipping trade was heavy and the orders were pretty well distributed throughout the country.

Erne & Klingel experienced the best Christmas trade this year that they ever had and the proprietors are more than pleased with their sales compared to those of 1914. Chas. Erne says that no complaints were heard from their out-of-town customers in regard to the quality of the stock shipped out for the holidays. Judging from the many orders that were received since Sunday it appears as if everyone must have disposed of all the stock that they had to offer for Christmas.

Hoerber Bros. had a splendid cut of roses for the holidays, particularly Killarney, White Killarney, Ophelia and Richmond which were of such good quality that they were sold almost as soon as they were graded. Their Christmas trade in both the city and out-of-town points was very brisk and a clean-up in all lines was experienced.

J. Poulsen, 6951 Western avenue, who has seven houses devoted to carnations is one of the grovers who does not believe in pickling his stock even though he knows there will be a shortage, consequently what stock he did ship to the market for the holidays was strictly fresh and could be used safely in long distance shipping orders.

Michael Fink, of the Chicago Flower Growers' Association is having his share of troubles these days, for his wife and daughter are sick in bed and his mother is not expected to live. To cap the climax, his brother John called him up Christmas day and notified him that his father-in-law had just died.

H. Van Gelder, in speaking of the Christmas business at Percy Jones' store, says that the sales were twice as large as last year. He believes that his firm handled more boxwood during Christmas week than any other house in the country and cleaned up almost completely in this line.

The E. C. Amling Co. reports a fine Christmas trade with the sales on Thursday, December 23, the largest in the history of their firm. John Michelsen was well pleased with the demand for violets and sold out all the

Current Price List

ROSES Per 100
Mrs. Chas. Russell...\$10.00 to \$15.00
Ophelia 8.00 to 15.00
Sunburst..... 8.00 to 15.00

Killarney, White Killarney, Killarney Brilliant—

Long.....\$10.00 per 100
Medium..... 8.00 per 100
Short..... \$4.00 to 6.00 per 100

Specials billed accordingly.

CARNATIONS, De Luxe,\$4.00 to \$5.00
Good..... 3.00

Miscellaneous

Lilies.....\$10.00 to \$12.50 per 100
Lily of the Valley, \$4.00-\$5.00 per 100
Violets, double, \$1.00 to 1.50 per 100
Sweet Peas..... 1.50 to 2.00 per 100
Stevia 1.50 to 2.00 per 100
Paper Whites 3.00 per 100
Ferns..... 2.50 per 1000
Asparagus.....bunch, 35c to 50c each
Sprengeribunch, 25c to 35c each
Galax\$1.00 1000
Mexican Ivy......75c per 100
Boxwood.....large bunch, 25c each

Subject to Market Changes.

U S E Budlong's Blue Ribbon Valley.

stock early, there was to offer at unusually good prices.

N. P. Miller, of Miller & Musser, reports that his wife is still on the sick list but is recovering as rapidly as can be expected. The Christmas trade at this house was splendid and the proprietors are well satisfied with the amount of business done.

The John Kruchten Co. cleaned up completely in all lines for Christmas and report a great increase in sales over last year. Gardenias were in unusually brisk demand and no trouble was experienced in moving what stock they had to offer at top-notch prices.

Kyle & Foerster were busy as bees Christmas week and had a large stock of fancy carnations to supply their customers with. The fact that they sold out entirely leads one to believe that their holiday trade was a record breaker.

The Atlas Floral Co. had a dandy Christmas business and sold out almost completely in all lines, thanks to Herbert Stone, the able storeman, who spent a great number of years in several of the leading loop stores.

John Sinner is inclined to believe that Sinner Bros.' splendid location on the main floor of the Atlas building had much to do with their Christmas trade being so very satisfactory.

A. Henderson & Co. are now comfortably located in their new store at 211 North State street, which is a much better location than the old one.

O. A. Tonner sold all the stock that she had to offer for Christmas at an early hour and reports a big increase in the sales over last year.

C. O. Wilcox, of the W. W. Earnard Co., started out on his western trip this week and expects to be away about three months.

The A. L. Randall Co. handled a large quantity of eastern grown American Beauty roses again this year in addition to their regular offerings.

The Chicago Florists' Club will meet at the Morrison Hotel, next Thursday, January 6, 1916, at 8 p. m.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

HEAVY SUPPLY

BEAUTIES--ROSES--CARNATIONS

Finest Obtainable.

Our Range of Greenhouses is One of the Three Largest in America.

Current Price List--

Subject to change without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney... Extra Special.....	\$8.00
Pink Killarney... Select.....	7.00
Killarney Brilliant... Fancy.....	6.00
Richmond... Medium.....	5.00
Good.....	4.00
Short.....	3.00

CARNATIONS.

Fancy... per 100,	\$4.00	Good.....per 100,	\$3.00
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SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies..... per doz.,	\$1.50 to \$2.00
Ferns..... per 1000,	\$2.50
Smilax..... per dozen strings,	2.00
Adiantum..... per 100,	1.00
Galax..... per 1000,	1.00
Sprengerl..... per bunch,	.50
Asparagus Sprays..... per bunch,	.50

Other Green Goods Market Rates.

Peter Reinberg's Christmas trade exceeded all expectations and was the best in many years according to Felix Reichling, who is in charge at the store. Everything cleaned up nicely at good prices and the cut this year was unusually large, thanks to Emil Reichling who looks after the greenhouses. This firm is cutting a splendid grade of stock now with American Beauty roses in large supply and the demand since the holidays has been remarkably good with no signs of a let up.

Schofield the North State street florist had a very satisfactory Christmas trade and featured a large quantity of azaleas, poinsettias, cyclamens and begonias, which cleaned up nicely. He also had several large decorations for Christmas week, the largest order being that of Righheimer's restaurant, which was a very pretty job when completed. Henry Dunn is still on the job at their place and looks after the store while Alderman Bill takes care of the decorations.

H. C. Rowe's store at 125 North Wabash avenue was completely destroyed by fire Wednesday morning, December 29, as was the entire building with an estimated loss of \$150,000. Bassett & Washburn occupied the second floor of this building for many years up to the time they moved into their quarters in the new Le Moyné building at Lake street and North Wabash avenue.

Allie Zech says that this year's Christmas trade was the best ever at Zech & Mann's store and that the total sales Thursday, December 23, were the largest in the history of the firm. The sales on Wednesday, December 22, were the next best and that the total sales for the week were surprisingly large.

J. C. Craig had a dandy Christmas business at his store which is one of the oldest stands in the city and re-

BASKETS

Most complete line ever offered. We manufacture all our own stock. Order Here.

Raedlein Basket Co., 713 Milwaukee Av., CHICAGO

ports a brisk demand for azaleas, cyclamens, begonias and poinsettias. Holly wreaths sold fine and quite a number of Boston ferns from the Hillside Greenhouses were disposed of.

Weiland & Risch had a large cut of choice poinsettias for Christmas and supplied all their regular customers as well as many of the wholesalers for the holidays. This firm also had a large supply of Mrs. Chas. Russell roses for Christmas which cleaned up quickly at good prices.

At Kennicott Bros. Co.'s store the report is that the Christmas trade was fine and that the stock cleaned up completely in all lines before the rush was over. The shipping trade was very heavy and covered a wide stretch of territory.

C. Clemensen, 7801 South Shore avenue used his new Studebaker panel top delivery car to good advantage during the Christmas business which was the best in years and is more than pleased with his selection.

U S E Budlong's
Blue Ribbon Valley.

M. C. Gunterberg is well pleased with the Christmas sales and reports a brisk demand for violets which were never so scarce or probably never before sold at such satisfactory prices during the holidays as was the case this year.

Joseph Ziska & Sons report the sale of a pound of statice for Christmas for \$4 which is the highest price known and of course, was an exception at this house for the customer insisted upon having it and gladly paid the price.

We Extend To All Our Best Wishes For A Bright And Prosperous New Year.

Get on the Band Wagon and start the New Year right by dealing here. You can increase your profits and business by sending your orders for Beauties, Orchids, Roses, Carnations, Lilies, Valley, Violets, Sweet Peas, Narcissus, Stevia, Mignonette and all other Cut Flowers and Greens to

Quality
Speaks
Louder
Than
Prices.

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

ROSES, VALLEY
and CARNATIONS
A Specialty.....

WHOLESALE
Grower of

CUT FLOWERS

Shipping
Orders
Given
Careful
Attention

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Bassett & Washburn had a record breaking Christmas trade and cleaned up completely in all lines but it was impossible to anywhere near fill the demand for red roses and carnations. This firm's new red seedling carnation was in heavy demand for the holiday and brought unusually high prices. Mr. Washburn says that trade continues to be brisk and that stock has cleaned up very nicely each day since Christmas.

Paul Klingsporn says that the Chicago Flower Growers' Association had the best Christmas trade in the history of the firm and the sales during December were far ahead of any other month. This firm handled a large quantity of boxwood in addition to its regular line of cut flowers, greens and plants.

Rudolph Kurowski says that the outlook for next year for greenhouse manufacturers is bright, for inquiries are very numerous at present at the John C. Moninger Co.'s office, which is rather unusual at this time, when one does not look for anything exciting in the building line.

Dominick E. Freres had a splendid Christmas trade and reports a good demand for roses, which cleaned up nicely.

PORTLAND, ORE.—Fred, Wiedeman has opened another branch flower shop, his fourth store, in the Swetland building.

BALTIMORE, MD.—The Daisy Decorating Shop, under the management of Honig & Patterson, is the name of a new florist establishment at 306 West Saratoga street.

AUBURN, N. Y.—George Dobbs, senior member of the firm of Dobbs & Son, florists, and one of the best known members of the craft in central New York, died at his home here, December 19.

NORWOOD, PA.—At a meeting of the Norwood Horticultural Society, December 6, the following officers were elected: Dr. John A. Borneman, president; John S. High, vice-president; Dr. H. A. Ickes, secretary; Harry L. Deppen, treasurer.

Minneapolis.

CHRISTMAS TRADE BEST IN YEARS.

The Christmas trade in this city showed an increase of from 15 to 60 per cent over previous years. Everything cleaned up well, but with cut flowers high in price the demand for plants was especially brisk. Carnations sold at prices varying from \$1.50 to \$3 per dozen, roses were quoted at from \$2 to \$10 per dozen, while American Beauties were scarce and long stemmed stock brought as high as \$35. The weather was ideal with six inches of snow on the ground and the thermometer registering 15 degrees above zero. Trees did not seem to go as well as in former years and prices were low. In the vacant corners where most of them are sold, there was a surplus to be seen on Sunday. Holly sold well as did lycopodium and boxwood. Poinsettias were easily the favorites in the plant class, followed by cyclamens and azaleas, while a few primroses were also to be seen. Boston ferns also had a large run, one local firm retailing 400 during the week.

NOTES.

Manager W. D. Desmond of the L. S. Donaldson Co. says this was the best Christmas business in the history of the firm. Everything cleaned up, including 3,000 cyclamens from the company's own greenhouses.

C. L. Lindskoog had his store filled with the best of stock the market afforded. He says that business was so much better than other years he is going to take a day off and figure the percentage.

Thomas Lynes had it all to himself in the northeastern section of the city. With his force, he worked all night December 24, in order to make all deliveries on time.

The Eldridge Floral Co.'s store is very attractive since the front has been remodeled. The new electric light over the sidewalk is also a splendid feature.

Hans Rosacker was in full crop with excellent roses for Christmas. He reports that he could have sold twice as many had they been available.

Oscar Amundson had his usual at-

tractive store decorations. He reports a substantial increase in volume of business over previous years.

The Whitted Floral Co. kept three autos running all night to make prompt deliveries of the orders from both stores.

Wessling's Lakewood greenhouses had a heavy call for poinsettias. The quality of the stock was fine and they sold rapidly.

Rice Bros. had to use extra help to get out their orders during the week. Their shipping trade was especially heavy.

The Minneapolis Floral Co. reports a banner year. Their force had to work night and day to keep up with the orders.

Hiawatha Gardens had a fine lot of roses and ferns for the Christmas trade but not enough to fill all orders in full.

O. H. Carlson had the "smile that won't come off" all day Christmas.

Merriam Park Floral Co. cleaned up on cyclamens and poinsettias.

Will Bros. had their usual fine crop of carnations and violets.

S. S. Cargill had a full crop of carnations and Boston ferns. T. C. R.

Cleveland.

SHORTAGE OF CHRISTMAS STOCK.

"The best business we ever had," and, "Couldn't be beat," were only two of the many good reports received from local and out-of-town florists. Stock this year for Christmas was perhaps as limited in supply as could be possible, particularly was this true of carnations. Last year the market was in good supply in this staple flower, but this year orders could only be filled in part, and rather a small fractional part at that. Violets cleaned up early and the quality was exceptionally good, special bunches of 100 each being exceedingly fine stock. Lily of the valley was short of the demand, and sweet peas were also very limited in supply, flowers that at this time of the year are always in excellent demand. Cut poinsettias were in good demand as usual, but very limited in supply. American Beauties were in good supply only in the extra long and

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
2572
Auto. 48-734

CHICAGO

Beauties--Roses--Carnations, Etc.

Order Here

Current Price List:

Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.

	Per doz.
Long stems	\$5.00 to \$6.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
18-inch stems	1.50

ROSES.

	Per 100
Richmond—Milady—Extra long	\$10.00 to \$12.00
“ Fancy	8.00
“ Medium	6.00
“ Short	4.00 to 5.00

MRS. CHAS. RUSSELL.

	Per 100
Specials	\$25.00
Select	20.00
Medium	10.00 to 15.00
Short	8.00 to 10.00

White Killarney	{	Special	\$10.00 to \$12.00
Killarney		Fancy	8.00
Killarney Brilliant		Medium	6.00
Ward		Short	4.00 to 5.00
Sunburst			
Ophella			
Maryland			
Roses, our selection			4.00

	Per 100
CARNATIONS, common	\$3.00
“ fancy	\$4.00 to 5.00

MISCELLANEOUS.

Cattleyas	per doz., \$12.00
Valley	\$ 4.00 to \$ 5.00
Violets	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Lilies	per doz., \$1.50 to \$2.00
Callas	per doz., 2.00
Sweet Peas	1.50 to 2.00
Smilax	per doz., \$2.00
Adiantum	1.00
Asparagus Strings	each, 75c
Asparagus Plumosus, per bunch	35c to 50c
Fancy Ferns	per 1,000, \$2.50
Wild Smilax	per case, 5.00
Boxwood	per lb., 25c; 50 lbs., 7.50
Leucothoe Sprays .....	.75
Mexican Ivy .....	.75
Mignonette	6.00 to 8.00

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Beauties-Roses-Carnations-Violets-Valley-Lilies-Sweet Peas-Etc.

special stock, and cleaned up on advance orders, while medium and shorter grades were almost an impossibility. Pink and White Killarney were in better supply and sold well, although some showed the effects of the dark, cloudy weather. Red and yellow roses were short in supply and of course cleaned up early. Of stevia there was a plentiful supply, and although it sold well, considerable was left on the counters. Paper White narcissi were in good demand, and cleaned up at good prices. Orchids were exceptionally good quality and sold well. In fact, everything sold well, the supply in all cases falling short of the demand, and there was no stock to speak of carried over. Plants of every description sold well, most retailers having stocked up very liberally, and all report good trade in plants. One feature this Christmas was the clean-up in supplies of all kinds—

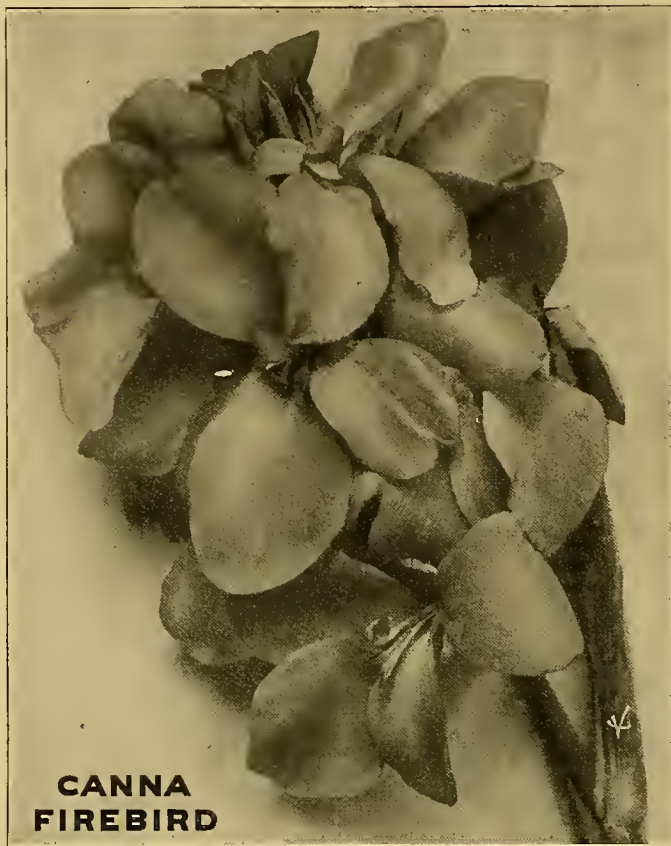
boxwood, chenille (red), holly, laurel and pine wreathing and static. Paper capes, crepe paper, mats and baskets were sold in larger quantities than any previous year. While cut flowers were limited in supply, the market was pretty well cleaned up, and sales averaged at a rough estimate from 15 to 20 per cent over last year's figures, which, under existing conditions, was a still greater increase in proportion. It was indeed a "Merry Christmas" and the outlook for a "Happy New Year" is the best ever. C. F. B.

SARATOGA SPRINGS, N. Y.—Charles A. Ludwig, one of the oldest and best known florists in this section, and who conducted a flower shop in this city for more than 40 years, died at his home here, December 17, at the age of 75 years.

Ft. Wayne, Ind.

CHRISTMAS SALES SHOW BIG INCREASE.

With splendid weather and excellent stocks of both plants and cut flowers in good supply, this year's Christmas business shows a nice gain in volume over that of a year ago. Plants, especially those of medium price, were in great demand, and several social functions caused an extra heavy call for cut flowers and corsages. Roses were favorites in the cut flower class, especially Russell, there being few American Beauties sold owing to high prices. Christmas greens and wreaths were very popular and several shipments of the miniature auto wreaths were easily disposed of. Poinsettias and cyclamens were most in demand in the plant section, although azaleas had a fairly good call. Jerusalem cherries, hyacinths, narcissi and Scotch heather plants also sold well.



**CANNA
FIREBIRD**

Canna Firebird

**The Best Scarlet, Green-Leaved
Canna. A Grand Companion
to King Humbert.**

We have seen and tested many varieties during the years we have devoted to their culture, and have yet to see the one that can approach it.

**Our Rapid Propagation the past
two years, brings it now before
the public at a moderate price.**

You will be asked for it the
coming spring.

ORDER ROOTS NOW

and double your stock before planting time.

Per doz., \$2.50; per 100, \$20.00.

**Vaughan's Seed Store,
Chicago. New York.**

NOTES.

The big downtown store of the Flick Floral Co. was thronged during the days preceding Christmas. The display of pot plants and basket arrangements here was especially attractive and the demand was enormous. The call for cut flowers was heavier than ever before and smaller flowers for corsages were much in demand.

Over 1,000 orchids were shipped to various markets from the greenhouses of W. J. & M. S. Vesey. They also had a record rose crop in Shawyer, Sunburst and Richmond. Their retail trade was very brisk and many handsome pot plants were disposed of.

The Doswell Floral Co. reports excellent business at both stores. This firm had a very heavy demand for plants and disposed of cyclamens and begonias by the hundred.

Some handsome Mrs. Chas. Russell roses which appeared in this market during Christmas week came from the greenhouses of Frank Knecht & Co., of this city.

A. J. Lanternier reports a record Christmas business, with pot plant sales in the ascendancy.

H. K.

Kansas City.

BIG INCREASE OVER 1914 TRADE.

The local trade in general enjoyed the best Christmas trade in history, and the demand for plants was especially noticeable, a feature somewhat different from former years, quality stock meeting with ready sale, while the cheaper lines moved rather slowly. Cut flowers were more plentiful than was expected and the quality was excellent and while prices were high there was not enough of this stock to meet requirements. There was also a shortage of Christmas trees several

large shipments failing to reach the city in time. A heavy fall of snow, accompanied by falling temperature, came the night before Christmas, hindering delivery somewhat, but practically everything went off in first-class shape.

NOTES.

T. J. Noll & Co. report the trade the best they ever had, both local and shipping keeping the force at work day and night. The report at the close of business was, "Stock all sold out, and the help 'all in.'" Extra fine roses, carnations, lily of the valley, violets, stevia and chrysanthemums were features at this establishment.

Samuel Murray was right on the spot as usual with splendid basket arrangements of the kind of stock they call "quality" and finished to perfection the "Murray way" as usual. These met with a rapid fire demand and his splendid showing of pot plants in variety sold exceedingly well.

W. J. Barnes was agreeably surprised when he estimated the increase in his sales over the Christmas season of 1914. Practically everything in his stock cleaned up. He sold a world of Lorraine begonias and cyclamens and his supply of azaleas was far short of the call.

The W. L. Rock Flower Co. sold out completely. The demand for plants was very heavy and stock of the better quality moved out fast. A good demand for funeral work is also reported.

H. Kusik & Co. report the biggest business ever, with the shipping trade twice as heavy as a year ago. Stock was higher in price but the quality was far above the average.

The Geo. M. Kellogg Flower & Plant Co. had an especially good demand and a sell-out resulted. There has also been a good amount of funeral work.

Crepe Paper for Pot Covers

	Per doz.	Per 100
Water Proof (all colors)	\$2.00	\$15.00
Pebbled Pleated (all colors)	2.00	15.00
Special Xmas price list of other supplies mailed free.		

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Miss J. E. Murray reports it was surprising how stock sold, and she is well pleased with the result of the Christmas business. She has also been kept busy with funeral work.

A. Newell says everybody must have had the "shop early" spirit. Trade was much better than he expected and he was sold out of plants and cut flower stock completely.

The Alpha Floral Co. reports a big increase over last year's Christmas business. Cut flowers sold well, but there was a very heavy demand for pot plants of the better grade.

A. F. Barbee was well satisfied with the way business went at his establishment. Pot plants sold well and his cut of 2,000 carnations helped out wonderfully.

Chas. Beiderman & Son say they never remember of having such a trade before. Plants and cut flowers both sold well.

The Rosery had a surprising trade in the number of pot plants, novelties and cut flowers, plants taking the lead.

Mrs. T. A. Mosely says the Christmas trade was beyond her expectations. Her stock cleaned up well.

Ed. Humfeld made a feature of plants and cleaned up early as a result.

E. J. B.

ROSSVILLE, MD.—E. W. Heinbuck is erecting a new house 25 by 100 feet for miscellaneous stock.

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phone Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

CORSAGE CORDS

Can be had in all colors. Per Doz. Per Gross
Large size.....\$0.35 \$4.00
Small size......25 3.00
Baby cords..... 1.25
Write or our special Xmas price list of
many other items.

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Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

HOERBER BROS.

Wholesale **Cut Flowers**
Growers of

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.,

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss..... per bag, \$3.50
Natural Moss..... per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

H. B. KENNICOTT, PRESIDENT

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ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	5 00@ 6 00
" " 36-in.....	4 00@ 4 00
" " 30-in.....	3 00
" " 24-in.....	2 00
" " 20-in.....	1 50
" " 18-in.....	1 00
" Mrs. Chas. Russell....	1 00@ 4 00
	Per 100
" Hoosier Beauty.....	5 00@15 00
" Killarney Brilliant.....	4 00@12 00
" Killarney.....	4 00@12 00
" White Killarney.....	4 00@12 00
" Richmond.....	4 00@12 00
" Prince de Bulgarie.....	4 00@12 00
" Rhea Reid.....	4 00@12 00
" My Maryland.....	4 00@12 00
" Mrs. Geo. Sawyer.....	4 00@12 00
" Milady.....	4 00@12 00
" Sugarst.....	5 00@15 00
" Mrs. Aaron Ward.....	4 00@12 00
" Hadley.....	4 00@12 00
" Ophelia.....	5 00@15 00
" Our selection.....	2 00@ 4 00
Carnations.....	12 00
Cattleyas..... per doz.,	4 00@ 6 00
Gardenias..... per doz.,	2 00@ 6 00
Gladioli.....	10 00@12 50
Lilium Harrisii.....	6 00@ 8 00
Mignonette.....	3 00@ 4 00
Paper Whites.....	3 00@ 4 00
Romans.....	1 50@ 2 00
Stevia.....	1 50@ 2 00
Sweet Peas.....	4 00@ 5 00
Valley.....	1 50@ 2 00
Violets, single.....	1 00@ 1 50
Violets, double.....	1 00@ 1 50
Adiantum Croweanum.....	2 50
Ferns.....	1 00@1 25
Galax.....	75@ 1 00
Leucothos.....	5 00@6 00
Mexican Ivy..... per 1000,	60@ 75
Plumous Strings..... each,	2 00@2 50
Smilax..... per doz.,	3 00@ 4 00
Sprengerl, Plumous Sprays.....	7 50
Boxwood, 25lb per case.....	

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders give prompt attention. Try us.
162 N. Wabash Av., CHICAGO

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30 East Randolph St., Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.

Wholesale **CUT FLOWERS**
Growers of

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

ROOTED CARNATION CUTTINGS.

C. Akehurst—Rose pink.....	100	1000
Alice—Salmon shade.....	\$7.00	\$60.00
Siegward.....	6.00	50.00
Enchantress Supreme—Light Salmon.....	6.00	50.00
Philadelphia—Rose pink.....	3.50	30.00
C. W. Ward—Good rose pink.....	5.00	35.00
Gorgeoua.....	3.00	25.00
	5.00	35.00

R. P. Enchantress.....	100	1000
L. P. Enchantress.....	\$3.00	\$22.50
Dorothy Gordon.....	3.00	22.50
Winsor.....	3.00	22.50
Pink Delight.....	5.00	45.00
Matchless—White.....	3.00	25.00
Enchantress—White.....	3.00	22.50

Perfection—White.....	100	1000
Wonder—White.....	\$3.00	\$22.50
A. Ward—White.....	3.00	22.50
Beacon—Red.....	3.00	22.50
Victory—Red.....	3.00	22.50
Champion—Red.....	4.00	35.00
Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Boston.

CHRISTMAS STOCKS BRING TOP PRICES.

The Christmas business in Boston this season was the best we have had for some years. Every line of flowers found a good market at top notch prices and the retail trade reports an exceptionally heavy demand. There was not a very heavy supply of flowers, as most growers were off crop. Roses were in the best crop of any line, but growers sold out completely at Christmas prices. Carnations were scarce, and sold readily at from \$6 to \$15 per 100. Violets also were in heavy demand and brought from \$1.50 to \$2 per 100. A few chrysanthemums were seen, but the average was of very poor quality and although they cleaned up nicely, the price was nothing special. Lily of the valley sold readily at \$4 and \$5 per 100. The prices on bulbous stock reached abnormal figures. French trumpets were sold for \$8 per 100 in some cases and Paper White narcissi brought \$4 per 100. Plant growers cleaned out their stock at very satisfactory figures. On Monday, December 27, the market was rather bare of flowers and prices on most lines held up to the holiday figures. The outlook for the next few months is very good as the trade is steadily increasing, and there are no signs as yet of any extra heavy crops.

NOTES.

The heavy wind and snowstorm that swept New England, December 26, caused much damage among the greenhouse men. The heaviest damage reported as yet took place at the establishment of Paul Brigham, at Westboro, the place formerly run by L. C. Midgley. The ventilators blew out and in all between 700 and 800 lights of glass. The Waban Rose Conservatories, Natick, Mass., also lost quite a number of lights, but these were quickly replaced and caused no damage to their stock. Robt. Montgomery, of Natick, lost the chimney off his dwelling house, but the greenhouses stood the gale fairly well. J. K. Chandler & Son, of Tewkesbury, had the purloins slip off the split tees on one of the houses and narrowly escaped losing one house. A similar occurrence happened at Jas. Wheeler's house at Natick, and it was only by using temporary ropes and wire twisters that the house stood the gale. Nearly every grower lost a few lights of glass.

The Boston Rose Co. had an extra fine crop for their Christmas trade; they had about 2,000 American Beauties from Paul Pierson and a heavy crop from the Montgomery Bros., among which were some exceptionally fine Hadley and Russells.

Paine Bros., of Randolph, are cutting a good supply of French trumpets and Paper White narcissi. They had a nice crop for the holiday trade and cleaned out their entire out.

Wm. Riggs, of Auburndale, reports a rushing Christmas business, both at his greenhouse and store. He is shipping some very fine freesias to the Boston Flower Exchange.

James Delay, who recently retired from business in Dorchester, is now employed at Penn's Bromfield street store.

WELCH BROS. CO.
WHOLESALE CUT FLOWER MARKET
 226 Devonshire St., BOSTON, MASS.
 Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Wholesale Flower Markets

BOSTON, Dec. 29. Per 100

Roses, Beauty.....	10	00@40	00
" Killarney Queen.....	2	50@10	00
" White and Pink Killarney.....	2	50@5	00
" Double White Killarney.....	1	00@6	00
" Killarney Brilliant.....	2	00@8	00
" Hadley.....	2	00@10	00
" Cardinal.....	2	00@12	00
" Mock.....	2	00@8	00
" Mrs. Chas. Ruessell.....	2	00@12	00
" Sunburst.....	2	00@8	00
" Taft.....	2	00@8	00
" Milady.....	2	00@8	00
" Ward and Hillingdon.....	2	00@6	00
" My Maryland.....	50	@5	00
Cattleyas.....	50	00@75	00
Lily of the Valley.....	3	00@4	00
Sweet Peas.....	50	@1	00
Carnations.....	50	@1	00
select.....	1	50@3	00

BUFFALO, Dec. 29. Per doz.

Roses, Beauty, special.....	7	50
" " fancy.....	6	00
" " extra.....	4	00
" " No. 1.....	2	50
		Per 100
" " No 2.....	6	00@15
" Killarney.....	5	00@15
" White Killarney.....	5	00@15
" My Maryland.....	5	00@15
" Killarney Queen.....	5	00@15
" Richmond.....	6	00@15
" Sunburst.....	6	00@15
" Ward.....	4	00@8
" Taft.....	6	00@15
" Ophelia.....	8	00@15
" Francis Scott Key.....	8	00@15
" Shawyer.....	6	00@15
" Bon Silence.....	4	00@5
Lily of the Valley.....	4	00
Lilies.....	10	00@12
Cattleyas.....	75	00
Carnations.....	3	00@5
Snappdragons.....	6	00@10
Violets.....	1	00@125
Aparagua Sprenger.....	35	@50
Ferns.....	per 1000,	2 50
Smilax.....	15	00

CINCINNATI, Dec. 29.

Roses, Beauty.....	per doz.,	\$4 00@	\$10 00
			Per 100
" Killarney.....	4	00@15	00
" My Maryland.....	4	00@15	00
" Richmond.....	4	00@15	00
" Taft.....	4	00@15	00
Lily of the Valley.....	4	00@5	00
Lilium Gigantum.....	10	00	
Aparagua Plumosns.....	per bch.,	25c	
Orchids.....	per doz.,	9 00@	12 00
Carnations.....	5	00@8	00
Rubrum Lilies.....	3	00@6	00
Double Violets.....	1	00@1	50
Narcissus.....	3	00@4	00
Poinsettias.....	per doz.,	2 00@	4 00
Stevia.....	per bunch,	25@	35

Patrick Welch
 Wholesale Florist
 262 Devonshire St., Boston, Mass.
 Telephone Main 2698.
American Beauties, Orchids, Valley, Carnations.
 All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
 Central Market
 Choice Roses, Orchids, Valley
Boxwood—Choice Holly
 We solicit a trial order.
 1225 Race St., Philadelphia, Pa.

McCALLUM CO.
 Florists' Supplies
PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid
 WHOLESALE FLORIST.
 Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
 One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.
Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange
ORCHIDS, GARDENIAS
 Consignments of choice flowers solicited.
Duetscher & Glazer, Wholesale Florists
 1625 Ranstead St., Philadelphia, Pa.

C.C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St.,

MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers
and Greens

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street
KANSAS CITY, MO.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in

FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Dec. 29.		Per 100
Roses, Beauty, extra.....	20 00@25 00	
" " first.....	8 00@10 00	
" " Mrs. Chas. Russell.....	8 00@15 00	
" " Killarney.....	3 00@10 00	
" " White Killarney.....	3 00@10 00	
" " Liberty.....	5 00@15 00	
" " Mock.....	6 00@15 00	
" " Hadley.....	8 00@12 00	
" " Bulgaria.....	4 00@10 00	
" " Sunburst.....	4 00@12 00	
" " Ophelia.....	3 00@8 00	
" " Hoosier Beauty.....	4 00@8 00	
Carnations.....	2 00@4 00	
Cattleyas.....	35 00@50 00	
Callas.....	10 00@12 00	
Lilium Harrisii.....	8 00@10 00	
Lily of the Valley.....	3 00@5 00	
Aparagus..... per bunch.	50	

PITTSBURGH, Dec. 29.		Per 100
Roses, Beauty, special.....	40 00	
" " fancy.....	30 00	
" " extra.....	20 00	
" " No. 1.....	12 00	
" " Killarney.....	3 00@12 00	
" " My Maryland.....	3 00@12 00	
" " Sunburst.....	3 00@12 00	
" " Mrs. Aaron Ward.....	4 00@10 00	
" " Richmond.....	4 00@15 00	
Carnations.....	3 00@4 00	
Cattleyas.....	75 00	
Lilium Giganteum.....	12 00	
Valley.....	4 00	
Adiantum.....	1 25	
Aparagus Sprengeri, per bunch.	35@40	
" " Spraya..... per bunch.	35@40	
Sweet Peas.....	50@1 00	
Stevia.....	1 50	

MILWAUKEE, Dec. 29.		Per 100
Roses, Killarney and W. Killarney.....	6 00@15 00	
" " Ward, Sunburst.....	6 00@15 00	
" " Mrs. Chas. Russell.....	10 00@40 00	
" " Richmond.....	4 00@12 00	
" " Ophelia.....	6 00@15 00	
" " Hoosier Beauty.....	6 00@15 00	
Carnations.....	4 00@6 00	
Lilies..... per doz.	2 00	
Snapdragon, per bunch.	25c@50c	
Valley.....	4 00@5 00	
Daisies.....	50@75	
Cattleyas..... per doz.	9 00@12 00	
Violets, choice Wisconsin grower.	1 50@2 00	
Stevia.....	1 50@2 00	
Narcissii.....	3 00@4 00	
Sweet Peas.....	1 00	

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist.

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Dec. 29.		Per 100
Rosea, Beauty, long.....	25 00@35 00	
" " medium.....	8 00@15 00	
" " short stems.....	5 00@8 00	
" " Killarney.....	4 00@10 00	
" " White Killarney.....	4 00@10 00	
" " Aaron Ward.....	4 00@10 00	
" " Sunburst.....	3 00@8 00	
" " Ophelia.....	6 00@12 50	
" " Hoosier Beauty.....	8 00@25 00	
C. Bruner..... bunch, 50c		
Valley.....	4 00	
Carnations.....	5 00@6 00	
Orchids.....	50 00@60 00	
Aparagus Plumosa, per bu.	25@75	
Harrisii.....	10 00	
Pompons..... bunch, 35c@50c		
Ferns..... per 1000.	2 00	
Bronze Galax..... per 1000.	1 50	
Mexican Ivy.....		

BABY RIBBON.

No. 1, any color, per spool of 50 yds.....\$0.35
No. 1 1/2, any color, per spool of 50 yds. 0.50
No. 1 1/2, Poinsettia and Holly, spool of 50 yds. 0.75
"Bon-Ton" Crinkled Ribbon, spool of 500 yds. 1.25
No. 2 Gauze (10 yds.)..... .20
(Get our special Xmas price list of other items.)

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.

Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

SUPPLIES AND EVERYTHING IN SEASON ALWAYS ON HAND.

James Francis Wheeler arrived in Boston, on December 23, and will make an extended stay at the home of his parents, Francis L. Wheeler and Mrs. Wheeler. James weighs six pounds and five ounces.

Herbert Hartford, Jr., has resigned from H. M. Robinson & Co.'s force and is now employed as decorator by Wax Bros.

Albert Bock resigned his position at Wax Bros. and is working at Penn's Bromfield street store.

George T. Elliot, of Sterling, N. Y., is visiting his father, Wm. Elliot, for a few days. F. L. W.

St. Louis, Mo.—The annual meeting of the Missouri State Horticultural Society will be held at the Planters' hotel, this city, January 12-14. H. S. Wayman, Princeton, is the secretary of the society.

New York.

EXCELLENT CHRISTMAS BUSINESS.

A local cartoonist portrays "Santa Claus," reposing in deep slumber, his empty pack hangs from the bed-post, his fur-lined coat, boots and gloves are variously distributed about the room, just as a very tired man is apt to distribute his clothes on retiring. "All In" is the title the clever cartoonist has given to the picture, and it is appropriate. It has been a great Christmas celebration, but it is "all in." There may be sounds of revelry by night, but they do not penetrate the precinct of the wholesale cut flower district, where our "den" is located. The wholesalers and their assistants have gone and so have the flowers. Without making extravagant claims, it can be stated that business was excellent, and so far as we can learn, gave general satisfaction. A number, both wholesalers and retailers, have stated that business was better than they expected it to be. There are people who, when confronted with figures showing great increase in wealth, are prone to ask that disagreeable question: "Who has it?" It is not within our scope to furnish an answer or an analysis, but to state facts as we see them. The weather of the week ending with Christmas day was fine throughout, which was favorable alike to all concerned in the business, as well as to the public. The continued bad weather of the previous week had caused some anxiety relative to an adequate supply of stock, which was happily dispelled. While there was no surplus, there was enough to supply the demand. If any stock was left over, it was on account of a miscalculation on the part of the dealer in fixing too high a price. Prices were high and were expected to be, but there was a limit, beyond which some of the buyers would not go. Red roses and red carnations, particularly the latter, were the scarcest in quantities. Red roses, depending on variety, wholesaled at the rate of \$40 to \$75 per 100, red carnations at from \$12 to \$15 per 100. Special roses such as Ward, Stanley and Ophelia, brought from \$20 to \$25 per 100. American Beauties brought \$100 per 100 and more was asked but we believe that but few went above that figure. There were American Beauties on the market of inferior quality that went at lower prices. It may be added that on Christmas eve, the stock of red carnations was completely sold out. White carnations brought, if good, \$6 per 100. Enchantress, \$8; Ward and fancies, \$8 and \$10. These are conservative quotations for fresh stock; there were carnations that sold for \$4 per 100. Good single violets were not plentiful and went readily at \$1.50 per 100 and upward. Some dealers started double violets at \$1.50 and \$1.75 per 100, but the demand was not sufficient to warrant those figures and prices dropped to \$1 and \$1.25 and even lower, as violets were being sold on the streets on Christmas day. Good cattleya orchids brought \$60 and \$75 per 100 at the start, ranging down to \$30 and \$35 for small and inferior blooms. In the whole range of prices, considering how they sold a short time ago, orchids were about the cheapest things on the market. There was an abundance of lilies and lily of the valley, and considering the complaints that came out early in the fall about a scarcity of Paper White bulbs, there was a considerable stock of it on the market. The price was \$2.75 per 100 and upward. Lilies brought about \$10 per 100; lily of the valley, \$4 to \$5. Gardenias, as they have been throughout the fall, were rather scarce and brought \$5 and \$6 per dozen. Good cut pansies are factors in this market and brought \$2 per 100. Of poinset-

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

tias, there was a considerable stock, but there seems to be room for an inventor to devise some means for getting them to market in more presentable shape. They ranged from \$2 to \$4 per dozen. Buying in the wholesale district became really active on the morning of December 24, and continued throughout the day and night, buyers from all the big retail stores and many of the smaller ones, being seen in the street after midnight, as all the wholesale stores were open. By Christmas morning there was little of anything that was good left in the wholesale district. As will be elsewhere noted, the retail stores were well stocked with plants and had fine business. Though many of them had good business in cut flowers, it was but natural that they should push plants while they lasted. A number of retailers were completely sold out of plants before the evening of December 24, and could get no relief by telephoning to the growers as they were in the same boat. Some retailers were helped out by neighbors in the business and it is pleasing to note that in this great city being neighborly is not one of the lost arts.

December 27.—While buying was rather light today, so were arrivals of stock. Prices were firm, but it is difficult to forecast conditions for the remainder of the week. There is a scarcity of short roses, for these are what 75 per cent of the buyers want. It is no secret that some of the wholesalers were "stuck" with special or long stemmed roses. The plain people, whom God loves, because he made so many of them, could not buy roses at 20 and 25 cents per flower. The outlook for the remainder of the week is uncertain. If one may judge by former years, at the corresponding period, business will be dull.

NOTES.

A man who is now out of the business (perhaps this is one of the reasons he got out) once told the writer that he did not consider it news that a man sold good stock. Well, it should be to a man who wants to buy. It would be impossible to mention all the good stock seen during Christmas week, but some of it is here recalled. Traendly & Schenck, 436 Fifth avenue, were particularly strong on such roses as Alice Stanley, Ward, Ophelia, Sunburst and others. They also had a fine stock of orchids. In the Coogan building, Sixth avenue and 26th street, much good stock was noticed. Paul Meconi, who has a store on the ground floor, had a fine stock of roses, orchids, carnations and other flowers and sold out well.

Combinations of flowering and foliage plants, fine wreaths and other sea-



John Young & Co.

Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, 5336 Farragut

sonable decorations were noteworthy in the large hotels. Of these, the work at the Knickerbocker, Broadway and 42d street, deserves special mention. F. F. Salinger is the clever florist at this hotel, and his work was much admired.

William P. Ford, 107 West 28th street, had a very fine stock of red roses. In sweet peas, bouvardias and various other features, he came out strong and had a fine business.

Peter Beauerlin, of Elmhurst, L. I., a well known grower, had the misfortune December 24, to have a fire in his range, which destroyed two houses, filled with valuable stock.

In addition to a great sale of plants, M. A. Bowe, 6 East 33d street, had a fine business in cut flowers. He has also recently been filling large orders for funeral work.

In the New York Cut Flower Company's rooms, Moore, Hentz & Nash were well supplied with American Beauties and other good roses.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 | Madison Square, 34 W. 28th St., New York
 { 1665 | Square,
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Chrysan-
 themums, Bouvardias, Sweet Peas,
 Asparagus Plumosus Nanus, Smilax
 and Paper White Narcissus.
Send Your Christmas Orders.
 34 Years Experience in the Florist Business.
Consignments Solicited.

Wholesale Flower Markets

NEW YORK, Dec. 29.		Per 100
Rosea, Beauty, special.....	30	00@50 00
" " extra and fancy.....	35	00@40 00
" " No. 1 and No. 2.....	15	00@30 00
" Prima Donna, special.....	15	00@30 00
" Alice Stanley.....	4	00@15 00
" Francis Scott Key, special.....	12	00@15 00
" Mrs. Geo. Shawyer.....	4	00@10 00
" White Killarney, special.....	8	00@10 00
" Killarney, My Maryland.....	8	00@10 00
" " special.....	8	00@10 00
" " No. 1 and No. 2.....	3	00@ 5 00
" " Queen.....	3	00@10 00
" " Brilliant.....	3	00@10 00
" Aaron Ward.....	4	00@12 00
" Richmond.....	3	00@10 00
" Sunburat.....	4	00@12 00
" Taft.....	4	00@12 00
" Milady.....	3	00@10 00
" J. L. Mock.....	4	00@12 00
" Hadley.....	4	00@40 00
" Ophelia.....	4	00@12 00
" Mrs. Chas. Russell.....	4	00@15 00
" Hoosier Beauty.....	4	00@15 00
Cattleya Orchida, special.....	40	00@50 00
inferior grades.....	20	00@25 00
Oncidiums.....	per flower, 3c	
Cypripedium.....	per doz., \$1.50@2.00	
Lilies, Longiflorum and Harnisil..	8	00@10 00
Lily of the Valley.....	3	00@ 4 00
Carnations.....	6	00@ 8 00
Bouvardias.....	3	00@ 5 00
Adiantum Croweanum and		
Hybridum.....	50@ 75	
Asparagus Plumosus.....	doz. bchs. 2 40@ 3 00	
Smilax.....	doz. strings. 1 00	
Gardenias.....	per doz., 4 00@ 5 00	
Violets, single.....	75@ 1 00	
" double.....	60@ 75	
Sweet Peas, orchid flowered.....	1 25@ 1 50	
" common.....	75@ 1 00	
Mignonette.....	per doz., 50c@75c	
Psunies, cut.....	1 25@ 2 00	
Narcissus, Paper White.....	3 00@ 4 00	
Stevia.....	per bunch, 25c	
Poinsettias.....	per doz., \$2.00@3.00	

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS

and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart

WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK

Tel. 3870-3871 Farragut.
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Geo. C. Siebrecht
WHOLESALE FLORIST

109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED

Walter F. Sheridan
 Wholesale Florist
 Telephone Call: 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037, Farragut.
20 Years' Experience.

Each of the employes of the Galvin store, Fifth avenue and 46th street, received a substantial cash Christmas present. This store had fine business and Manager Deery was well pleased with results.

Riedel & Meyer, Inc., 49 West 28th street, though a new firm, is composed of men with long experience in the wholesale business. They state that they were well pleased with Christmas business.

Geo. J. Polykranas, 104 West 28th street, had quite a stock of Bonnaffon chrysanthemums and they sold well. He also had good American Beauties.

P. J. Smith, 131 West 28th street, had a fine stock of Hadley roses, which brought top prices. He was also well supplied with other stock.

John Young & Co., 53 West 28th street, handled a fine stock of roses, lily of the valley and other flowers and had good business.

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut 4422
 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
Orchids, Roses, Carnations and all the other
best products of the leading growers.
 Consignments solicited.





GET ACQUAINTED WITH
**ARNOLD'S SPECIAL
PARCEL POST AND EXPRESS BOXES**



THEY INSURE SAFE DELIVERY

SPECIALS

BASKET BOXES.

This Box is made to carry all sizes of Baskets and can also be used for Plants. Made in one piece collapsible style and out of heavy 3-ply moisture-proof stock.

12x12x15.....	\$12.00	per 100
15x15x20.....	20.00	per 100
18x18x25.....	29.00	per 100
19x19x30.....	33.50	per 100

FOR EXPRESS SHIPMENTS.

The boxes listed below have met with great favor among the trade in general. Made from a heavy three-ply paraffined container board, which gives them great strength in addition to their moisture-proof qualities. This is the ideal box for long-distance shipments, as they insure the arrival of your goods in a fresh, uncrushed condition. Include an assortment in your next order. They will satisfy you and your customer.

Cover per 100		Cover per 100		Cover per 100	
24x 5x4.....2 1/2	\$ 4 50	30x12x6.....3	\$15 50	30x30x 9.....4	\$31 00
30x 5x4.....2 1/2	5 00	36x12x6.....3	17 75	26x17x10.....4	22 00
24x 8x4.....2 1/2	5 75	36x14x8.....3	20 00	24x20x10.....4	22 00
28x 6x4.....2 1/2	6 00	40x14x8.....3	21 00	24x24x10.....4	24 00
28x 8x5.....2 1/2	6 50	42x17x8.....3	24 00	28x28x10.....4	30 00
36x 8x6.....3	9 00	24x24x8.....3	20 00		

Write for samples and prices on our full line of Florists' Boxes.

A. A. ARNOLD PAPER BOX CO., 1302-1308 W. Division Street, CHICAGO

H. E. Froment, 148 West 28th street, had his usual fine stock of roses and good business. To show that his roses were in demand, it may be stated that long after the wholesale stores closed on Christmas day, a buyer was inquiring of a man on the street, where Froment lived. He was told that as Mr. Froment was a sedate bachelor, he would probably be found at dinner at the home of his sister.

In Thumm's alleys, on the night of December 23, there was bowling by members of the club team for a turkey, generously donated by C. W. Scott. Joseph S. Fenrich, a truthful wholesaler, said he won the turkey but was disqualified on a foul, or the fowl. The matter being too complicated for our understanding, it is enough to state that Peter Jacobson got the turkey and took it home with him.

One of the humors of the trade is the annual turkey raffle held in the Cut Flower Exchange for the benefit of the elevator boys. This year the turkey was won by one of Phil Kessler's salesmen. It was sent out to a restaurant and cooked and taken back to give all the boys a bite.

Guttman & Raynor, Inc., 101 West 28th street, had a fine general stock, including—if the solons of the New York Florists' Club will excuse us—the rose Prima Donna, but if that doesn't please them, a rose smells as sweet by any other name.

In handling the stock from the ranges of F. R. and P. M. Pierson, the Cottage Gardens and Adolph Farenwald, Joseph A. Millang of the Coogan building, had many fine roses and carnations which were sought by the buyers.

Walter T. Lee, formerly with W. S. Lee, has accepted the position of manager for M. L. Vlachos, the Astoria florist, 2188 Broadway, at 77th street. Mr. Lee is a clever and capable young man.

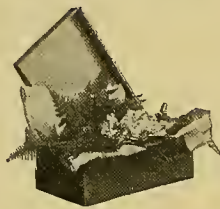
Retta E. Rankin, manager of the House of Ferns, 41 West 28th street, stated that they had excellent business. This house had a fine stock of Asparagus plumosus nanus.

At the retail store of Geo. Hanges, 546 Columbus avenue, fine Christmas combinations and decorations were noted. John Manolos is the clever manager of this store.

One of the busiest buyers in the wholesale district on Christmas eve was John G. Phillips, of Brooklyn. He now has two stores and was kept busy supplying them.

One of the Fifth avenue retail stores

Shipping Boxes For Cut Flowers



You want a light, convenient box that won't crush.

H & D Corrugated Fibre Boxes are light, stiff and strong. Their double wall, dead-air space construction keep your flowers fresh.

H & D Boxes can be shipped completely knocked down, saving freight and storage. Only a moment's work to set them up. Metal cover-corners snap together, giving you the stoutest florist's box ever made.

Write for Free Sample.

The Hinde & Dauch Paper Company
161 Water Street, SANDUSKY, OHIO

placed their order for American Beauty roses with the Leo Niessen Co., of Philadelphia and were well pleased with the stock.

J. J. Coan, 115 West 28th street, who but recently started in business for himself, had a fine lot of Francis Scott Key roses and other stock and sold out well.

The United Cut Flower Co., 111 West 28th street, of which Percy W. Richter is manager, handled good stock and had satisfactory business.

Fred Stewig, 940 Sixth avenue, had a fine lot of Christmas plants and sold out well. He has recently been very busy with funeral work.

William Kessler, 113 West 28th street, in addition to a nice stock of cut flowers, had a stock of fine plants and sold them all.

Badgley & Bishop, Inc., 34 West 28th street, in addition to much other fine stock, had a good supply of gardenias which went fast.

George C. Siebrecht, 109 West 28th street, had a good supply of stock, orchids, lilies and lily of the valley being noteworthy.

W. R. Siebrecht, Inc., 114 West 28th street, had a fine stock of gardenias and orchids and sold out well.

Frank Lorraine, the Hotel Seville florist, stated that his business was much better than he expected.

J. N. Hills Co. have recently opened a retail store at 36 West 28th street.

Retail Florists



Now is the time to prepare your advertising for January, February, March and April, covering

St. Valentine Day **Mother's Day**
Easter **Spring Planting**

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF - SWENSON CO.

Floral Advertising.
818-819 Transportation Bldg.
608 So. Dearborn St., Chicago, Ill.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Moss..... 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens,
EVERGREEN, ALABAMA

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and I Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store.

Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing



3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sta.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of **NEW YORK**
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing



Mention the American Florist when writing

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Max Schling
 NEW YORK
 No. 22 West 59th Street
 Adjoining Plaza Hotel
 Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1522

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists
Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Des Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archlas Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bramley & Son, Cleveland, O.
- Bretmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckhee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Cross, Eli, Grand Rapids, Mich.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyles, H. N., Pearl St., Albany, N. Y.
- Frauenfelder, C., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedmaa, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gurly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincionatl, O.
- Heini & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnson & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co. Rolt, C., Houston, Tex.
- Kottmiller, New York.
- La Crosse Floral Co., La Crosse, Wis.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Lehorlus, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The, Denver, Colo.
- Phillips Bros., Newark, N. J.
- Plikes Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldocch, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Reuter's, New London, Conn.
- Reuter's, Norwich, Conn.
- Reuter's, Westerly, R. I.
- Rochester Floral Co., Rochester, Minn.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stmmp, G. E. M., New York.
- Trepel, Joseph, Brooklyn, N. Y.
- Walker Co., The F., Louisville, Ky.
- Whitted Floral Co., Minneapolis, Minn.
- Wittbold, G., Co., 37 Buckingham Pl., Chlcago.
- Wolfskill Bros. & M. Goldenson, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

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The Park Floral Co.

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President

Members of Florists' Telegraph Delivery.

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PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

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The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

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CLEVELAND

EUCLID AVENUE

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334 Lewis Ave., Telephone No. 1310 Bedford

Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and
guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:
THE VANDERBILT HOTEL
Park Avenue and 34th Street



Main Phone, Murray Hill, 783
Branch 1808

426 Madison Ave.
And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries
everywhere in Minnesota, Wisconsin, North
Dakota, South Dakota and the Upper Penin-
sula of Michigan. All orders given prompt
attention and filled with strictly fresh stock

Mention the American Florist when writing

City Index to Retail Florists Filling Telegraph Orders.

Albany, N.Y.—Eyes, 11 N. Pearl St.
Boston—Thos. F. Galvin, Inc.
Brooklyn, N. Y.—Joseph Trepel.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Mangel.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hndesty & Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—Bramley & Son.
Cleveland, O.—Smith & Fetters.
Cleveland, O.—The J. M. Gasser Co.
Colorado Springs, Colo.—Pikea Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborious.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Eli Cross.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfkill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Kottmiller.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Heas & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Rochester Floral Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
Springfield, Ill.—A. C. Brown.
St. Louis, Mo.—Grimm & Gorly.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearny St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heintz & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto—Dunlop's, 8 and 10 W. Adelaide St.
Washington—Blackstone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Wheatly, R. I.—Reuter's.

New York.

Established 1849

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2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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224-226 Grant Avenue

Mail or telegraphic orders promptly and most
carefully executed.

Kansas City, Mo.



Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on
telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee
safe arrival.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.
Vanderbilt Hotel
BOSTON 1 Park Street
799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

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Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



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The FLORIST

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

2721-2723 W. Madison St. CHICAGO.
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

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FLORISTS
25 Clinton Avenue, N.
Rochester Phone, 506 Long Dist. Bell Phone 2189
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Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City

Houston, Texas.
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Floral Co.
Main and McKinney Phone, Preston 160

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Hehl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
Eli Cross
Orders properly cared for.
Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.
200 miles in any direction. DULUTH, MINN.
We are the center of the great Northwest. Daily deliveries to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF HEINL'S

St. Louis, Mo.
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KANSAS CITY, MISSOURI.
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Engel
The Palmer House Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"
The Plaza, Ft. Smith, Ark

Springfield, Ill.
A. C. Brown
217 South Fifth Street
Springfield, Ill.
Mail and telegraph orders given prompt attention

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

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1814 Douglas St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas, Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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OKLAHOMA CITY—GUTHRIE OKLAHOMA.
Members of The Florists' Telegraph Delivery.

Sedalia, Missouri
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Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

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JOS. LEVY
BROOKLYN
Cut Flower Market, Inc.
Floral Designs a Specialty
356 FULTON STREET
BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.
Floral Designs and Choice Cut Flowers
Portland Flower Store
631 Congress St.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

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HENRY SMITH
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS will fill your orders for Designs and Cut Flowers in Michigan
Mention the American Florist when writing

Rockford, Ill.
H. W. BUCKBEE.
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing

Trade Directory
Price \$3.00 Postpaid.
AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

A Happy New Year is assured by sowing Vaughan's Flower Seeds



10 Per Cent Special Cash Discount.—On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.
Our Florist Catalog is now in the printer's hands and a copy will be mailed in a few days.

BEGONIA—Continued.

	Trade	pkt.
Berna, foliage dark, flowers bright carmine red, 1/4 oz., \$1.50.....	.25	
Erfordia, rosy carmine, 1/4 oz., 75c.....	.25	
Erfordia Grandiflora Superba.....	.25	
Double Tuberos Rooted, best mixed.....	.25	

BELLIS.

	Trade Pkt.	Oz.
Vaughan's Mammoth Mixture.....	\$0.25	\$2.00
Mammoth, White, 1/2 oz., 35c.....	.25	2.40
Mammoth, Pink, 1/2 oz., 35c.....	.25	2.40
Longfellow, dark pink.....	.15	1.50
Snowball, double white.....	.15	1.50
Monstrosa, new giant double white, 1/2 oz., \$1.00.....	.25	
Monstrosa, new giant double pink, 1/2 oz., \$1.00.....	.25	
Turban, best double red.....	.25	

CANDYTUFT.

Giant Hyacinth-Flowered, Extra selected stock, lb., \$5.00.....	.15	.50
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CELOSIA.

Cristata (Coxcomb): Dwarf President Thiers.....	.25	2.00
Dwarf Empress, crimson.....	.25	2.40
Dwarf Fire King.....	.25	4.00
Centaurea Gymnocarpa.....	.10	.60
Candidissima, 1,000 seeds.....	.50	4.00
Cobaea Scandens, Purple.....	.10	.40
Scandens Flore Alba, White.....	.10	.80
Coleus, Vaughan's Rainbow Mixture, 1/2 oz., 75c.....	.25	
Extra Choice, large leaved, mixed, 1/2 oz., \$1.00.....	.25	
Large-leaved, Copper-colored.....	.25	
Lacinated and fringed, 1/2 oz., \$1.00.....	.25	

Cyperus Alternifolius, Umbrella Plant.....	.15	1.00
Dracaena Indivisa Lineata.....	.10	.40
Indivisa, lb., \$3.50.....	.10	.30
Indivisa Latifolia.....	.10	.50
Australis.....	.10	.50
Echeveria (Hen and Chick-en), mixed, 1,000 seeds, \$1.00; Metallica, 1,000 seeds, \$3.00; Secunda Glauca, 1,000 seeds, \$2.00.....		
De Smetiana, 1,000 seeds, \$1.50.....		

Grevillea Robusta.....	.10	.50
Heliotrop, Mammoth Flowered, mixed.....	.25	1.50
Ipomoea, Moonflower, white seeded.....	.10	.50
Noctiflora, black seeded.....	.10	.40
Giant Pink.....	.10	.40
Lantana Hybrida, mixed.....	.05	.30
Bruant's New Dwarf Hybrids, mixed.....	.10	.40

LOBELIA.

Bedding Queen, 1/2 oz., 25c.....	.15	1.50
Firmament, 1/2 oz., 40c.....	.15	
Crystal Palace Compacta, true.....	.15	1.25
Speciosa, dark flowers and foliage.....	.10	.50
Emperor William.....	.10	1.00
Gracilis, blue.....	.05	.50
Hamburgia, 1/2 oz., 40c.....	.25	
Hybrida Sapphire, best for hanging basket.....	.25	
Heterophylla Major, clear blue.....	.15	1.50
Lophospermum Scandens.....	.20	1.25

MIGNONETTE.

True Machet, Vaughan's Selected Stock, 1/2 oz., 40c.....	.10	.75
Mimulus, Musk. Plant.....	.10	1.25
Myosotis, Vaughan's Early and Late Flowering.....	.15	.80

PANSY.

Vaughan's International Mixture. The World's Best, oz., \$10.00; 1/4 oz., \$2.50; 1/2 oz., \$1.50; Trade Pkt., 50c.
Vaughan's Giant Mixture. Oz., \$4.00; 1/4 oz., \$1.00; 1/2 oz., 60c; Trade Pkt., 25c.

PETUNIAS.

Single Large Flowering Sorts.	Trade Pkt.
Large-Flowering, finest mixed, 1/2 oz., \$1.80.....	\$0.25
Fringed, mixed, extra choice, 1/2 oz., \$1.80.....	.25
Giants of California, true, 1/2 oz., \$2.00.....	.25
Ruffled Giants, mixed, 1/2 oz., \$2.00.....	.75
Triumph of the Giants.....	.50
German Empress, Giant flower, bluish white, veined purple.....	.35
King Edward, Deep blood-red with white center.....	.35
Balcony Queen, Rich velvety violet with white blotches.....	.35
Vaughan's Best Mixture of Large-Flowering Single Petunias. Trade Pkt. (1,000 seeds), 50c; 3 pkts. for \$1.35.....	

Large Double-Flowered Sorts.

Double Large-Flowering, extra choice mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.
Double Large-Flowering, Fringed, best mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.
Double-Fringed Perfection, 10,000 seeds, \$12.00; 1,000 seeds, \$1.50; 500 seeds, 80c.
Vaughan's Special Mixture Double, extra choice, 1,000 seeds, \$1.50; 500 seeds, 80c; 1-64 oz., \$4.00.

Trade Pkt. Oz.

Pyrethrum, Parthenifolium Aureum, Golden Feather..	.10	.25
SALVIA SPLENDENS.		
Clara Bedman.....	.25	2.00
Drooping Spikes.....	.25	2.00
Fireball, 1/4 oz., 75c.....	.35	3.00
Zurich.....	.35	3.00
Grandiflora.....	.20	1.40

STOCKS.

Double Large - Flowering, Dwarf, German 10 weeks, Canary Yellow, Dark Blue, Crimson, Brilliant Rose, Light Blue, Blood Red, White, Flesh. Each of above	.25	2.00
Extra choice mixed.....	.25	1.75
Giant Perfection or Cut and Come Again. Sky Blue, Light Blue, Flesh, White, Dark Blue, Canary Yellow, Pink, Scarlet. Each of the above.....	.25	2.50
Thuubergia, mixed.....	.10	.50
Torenia Fournieri Grandiflora, 1/2 oz., 40c.....	.10	
Vinca Rosea, mixed.....	.10	.60
Rosea pink.....	.15	.60
Rosea Fl. Alba, white with pink eye.....	.15	.60
Rosea Alba Pura, pure white.....	.15	.60

VERBENA.

Defiance, brilliant scarlet....	.15	1.00
Firefly, brilliant scarlet, white eye.....	.25	2.00
Hybrida Gigantea.....	.25	2.00
Mammoth, mixed.....	.10	.90
Mammoth, white, extra choice.....	.15	1.00
Commandant Marchand, purple.....	.25	3.00
Mammoth, Purple shades.....	.10	.90
Mammoth, Striped on red ground.....	.15	1.50
Mayflower, beautiful pink....	.15	1.25
Vaughan's Best Mixture of Verbena. Trade pkt., 25c; 1/4 oz., 50c; oz., \$2.00; 2 ozs., \$3.50.		

PANSY—Vaughan's International Mixture.

AGERATUM.

	Trade Pkt.	Oz.
Imperial Dwarf, Blue.....	\$0.10	\$0.40
Imperial Dwarf, White.....	.10	.40
Blue Perfection.....	.10	.60
Little Blue Star, 1/2 oz., 60c.....	.15	
Princess Victoria Louise.....	.10	.40

ALYSSUM.

Maritimum, Sweet Alyssum..	.05	.15
Vaughan's Little Gem, extra fine strain, lb., \$6.00.....	.10	.60

ANTIRRHINUM.

Golden King, yellow.....	.10	.50
Queen Victoria, pure white.....	.10	.50
Silver Pink, 1/2 oz., 50c.....	.15	
Venus, apple-blossom pink..	.15	.80
Delicate Pink.....	.10	.60
Vaughan's Special Mixture..	.10	.60

ASPARAGUS.

Plumosus Nanus. Northern Greenhouse Grown. Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.50; 5,000 seeds at \$3.25 per thousand.
 Hatcherii. 100 seeds, 60c; 1,000 seeds, \$4.50.
 Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50.

ASTERS.

Queen of the Market Aster. White, Crimson, Pink, Light Blue, Dark Blue, Silvery Lilac, Scarlet, Flesh, Dark Lilac. Each of the above, 1/4 oz., 25c; trade pkt., 10c; oz., 80c.
 Queen of the Market, best mixed, trade pkt., 10c; oz., 60c.

BEGONIA.

	Trade	pkt.
Rex Hybrids, 500 seeds.....	.35	
Gracilis Bonfire, flowers lustrous carmine scarlet, metallic brown foliage.....	.20	
Luminosa, foliage lustrous reddish brown, flowers fiery dark scarlet, 1-32 oz., \$1.75.....	.25	
Mignon, fiery scarlet red, foliage soft dark green, spotted and bordered with bronzy red.....	.25	
Prima Donna, large transparent rose flowers, 1-64 oz., \$2.50.....	.25	
Vernon, red-leaved and red-flowered, oz., \$2.00.....	.10	

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

SINGLE asters are coming into favor and dealers now offer them in white, pink, scarlet and mauve.

CHICAGO.—Prices for grass seed on the Board of Trade, December 29, were as follows: Timothy, \$5.50 to \$8.00 per 100 pounds.

THE 1916 catalogues received this week include those of W. Atlee Burpee & Co., Philadelphia, Pa., and Peter Henderson & Co., New York.

PETER HENDERSON & Co., New York, are entering upon their seventieth year, the business having been started by the late Peter Henderson, in 1847.

LOS ANGELES, CALIF.—John C. Bodger, of John Bodger & Sons Co., does not expect to make an eastern trip this season on account of illness in his family.

THE nomenclature committees of the American Seed Trade Association and the Vegetable Growers' Association of America, held a meeting at Columbus, O., December 30, with a view to regulating the names of vegetables.

SAN FRANCISCO, CALIF.—Fred H. Hunter, of the Hunter Seed Co., and wife have been called to Spokane, Wash., by the illness of Mr. Hunter's mother. Mr. Hunter, who only recently recovered from an attack of pneumonia, expects to call on the eastern trade in January.

THE Christmas greens industry at Chicago closed with a general clean-up. This market never saw a December 24 with the dealers so empty-handed of bouquet green and holly. Jobbers were obliged to turn down considerable out of town business the last three days.

VISITED CHICAGO.—A. E. McKenzie and family, of Brandon, Man., were here for the Christmas holidays. Mrs. M. W. Johansen, of the Victor Johansen Seed Co., Los Angeles, Calif.; J. B. Deamud, of Vaughan's Seed Store, New York; L. W. Wheeler, of the Pieters-Wheeler Seed Co., Gilroy, Calif.

LOUIS VILMORIN, of Vilmorin, Andrieux & Co., Paris, France, who is now in military service, on a Christmas card sent to a friend in the United States, December 15, says: "I'm in good shape and condition and as fit as a rabbit. Hope this war is going to last, as it is giving us a most fascinating time."

TRAVELING conditions in France for foreigners are much more stringent than a year ago, so reports C. M. Jackman, of Vaughan's Seed Store, in a letter from Paris dated December 8, and adds: "I have been five times to the police station this week and it is quite a waste of time. I must personally notify the authorities of my presence in each city and can not leave without a 'sanf conduit' from the chief of police of each city."

GERMAN catalogues coming to hand show the prices in American dollars and cents instead of the time-honored English terms, pounds, shillings and pence. A German ascribes the change to patriotism while an Englishman says it is prompted by the condition of the money market.

OWING to a shortage of planting offsets for the past two seasons the tuberose crop has been reduced over 60 per cent. There will be no more than needed for the American, English, Italian and Dutch demand. Steamer storage is scarce for export. Prices are 10 per cent higher. The caladium and canna supply is about normal.

Cental System.

H. A. Johns, president, and Mel L. Webster, secretary of the Western Seedsmen's Association, in a recent communication to the members, say: "D. M. Ferry & Co. are sending out letters to many of the seedsmen announcing the fact that they, D. Landreth Seed Co., Bristol, Pa., and the Jerome B. Rice Seed Co., Cambridge, N. Y., have adopted the cental system and will quote beans, peas and sweet corn by the pound in their 1916 catalogues, urging all other seedsmen of America to do likewise. The members of the Western Seedsmen's Association have been leaders in this thought and it is gratifying to see such important houses taking the initiative to induce eastern seedsmen join in this reform. They further recommend that a table showing the number of pounds to the bushel should be sent out with the catalogue. The president of our association takes exception to this, and advised Kirby B. White, spokesman of the above firms, the sooner we can forget there ever was a bushel the better it will be for all concerned; simply remembering that it takes 16 ounces to make a pound. We hope every member of our association will continue to promote the cental system for all commodities."

Foreign Potato Quarantine Removed.

The federal quarantine against shipments from foreign countries of Irish potatoes affected with powdery scab is removed by an order of the department of agriculture, effective January 1, 1916. This permits a number of potato-producing countries to resume shipment of potatoes to the United States. In the case of Canada, the new order in addition to removing the quarantine provides that potatoes may be shipped in without certification by Canadian officials, under an arrangement with the Canadian Minister of Agriculture that Canada will offer for export to the United States only potatoes free from injurious diseases and insect pests. Although this quarantine is removed, the regulations governing the entry of potatoes and providing

for inspection at ports of entry are continued in force. These regulations provide for an adequate field inspection by recognized experts in the countries where shipments originate. The quarantine against certain countries on account of the potato wart disease, promulgated September 12, 1912, remains in full force and effect. Special regulations covering the export of potatoes from the States of Chihuahua and Sonora, Mexico, and from the Island of Santo Domingo, provide that shipments will be permitted entry only through certain designated ports in the United States.

Seed Peas in Washington.

It is known in the trade that garden peas have been grown to some extent in the state of Washington for seed, and one who has been over the ground writes as follows regarding the industry there:

"In my judgment the southeastern part of Spokane county, or all of that portion that is favored with typical palouse soil, and the eastern two-thirds of Whitman county, is splendidly adapted for the growing of seed peas. Theoretically, I should expect that portion of Walla Walla, Columbia and Garfield counties, lying between the 18-inch rainfall line, and the upper edge of the tillable lands, to be equally well adapted for growing seed peas, but for some reason the growing of seed peas has not been taken hold of as much in that section as in Whitman and Spokane counties.

"Field peas also seem to do well in all parts of western Washington, and I believe would make a profitable crop on nearly all of the better soils except those that are poorly drained. This would include practically all of the well drained river bottom lands in western Washington and all of the uplands where the soil would class as loam or heavier.

"At present the chief seed pea center in eastern Washington is at Fairfield, about 2000 acres of seed peas having been grown in that vicinity on contract with eastern seedsmen. Inness thus far seems to have been confined to a region which might be said to center at Bellingham, the pea growers being scattered about Whatcom, Skagit and San Juan counties.

"The business of growing peas for seed has not, in my judgment, been developed anywhere nearly to the extent that is justified by the results secured in the regions mentioned."

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California

Mention the American Florist when writing



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54-56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

Catalogues Received.

W. Atlee Burpee & Co., Philadelphia, Pa., seeds; Oscar H. Will & Co., Bismarck, N. D., seeds and plants; Henry F. Michell Co., Inc., Philadelphia, Pa., seeds; Robert Nicholson, Dallas, Texas, seeds; Howard & Smith, Los Angeles, Calif., "What and When to Plant"; Peter Henderson & Co., New York, seeds, plants, bulbs, etc.; Eltweed Pomeroy, Donna, Tex., bulbs and tubers; Geo. R. Pedrick & Son, Pedricktown, N. J., seeds; Jackson & Perkins Co., Newark, N. Y., plants and trees; California Nursery Co., Inc., Niles, Calif., ornamental and fruit trees; The North-Eastern Forestry Co., Cheshire, Conn., tree seeds and trees; Phoenix Nursery Co., Bloomington, Ill., nursery stock; Scott Bros., Elmsford, N. Y., chrysanthemums, roses, carnations, etc.; Chas. H. Totty, Madison, N. J., roses, carnations and hardy plants; Herbert & Fleishauer, McMinnville, Ore., asters; The Geo. Wittbold Co., Chicago, plants, etc.; Henry W. Turner, Montebello, Calif., roses; G. D. Black, Independence, Ia., gladioli; A. H. Austin Co., Wayland, Portage Co., O., gladioli; John Lewis Childs, Inc., Flowerfield, L. I., N. Y., gladioli; Geo. S. Woodruff, Independence, Ia., gladioli; L. N. Simon & Son, Philadelphia, Pa., seeds for market gardeners; A. L. Randall Co., Chicago, baskets, etc.; Pittsburgh Cut Flower Co., Pittsburgh, Pa., flowers and supplies for florists; Vaughan's Seed Store, Chicago and New York, supplies, etc.; The Garden Tractor Co., Minneapolis, Minn.; tractors; The Walnut Book Publishing Co., Orenco, Ore., "The Walnut Book."

Wilhelm Pfitzer, Stuttgart, Germany, seeds, bulbs and plants; Watkins & Simpson, Ltd., London, Eng., seeds; Hjalmar, Hartman & Co., Copenhagen, Denmark, seeds; J. Cesiron, Angers, France, seeds; V. Lemoine & Son, Nancy, France, seeds, plants and bulbs; Vilmorin-Andrieux & Co., Paris, France, seeds and plants; Joseph Paquet, Nice, France, seeds; Shuis & Groot, Enkhuizen, Holland, seeds; S. Bide & Sons, Farnham, Eng., trees, shrubs, etc.; Storie & Storie, Glencaire, Perthshire, Eng., seeds; M. Leenders & Co., Steil-Tegelen, Holland, roses; Sutton & Sons, Reading, Eng., seeds.

Free Seeds.

Walt Mason devotes one of his effusions to free seeds. He says: "Our congressmen should make an effort to get wise to what we're really wanting. I'd like to have a chug-chug cart to ease my corns and bunions, and oh! it breaks my world worn heart to get a pack of onions! I'd like to see my daughters wear swell lds and silken dresses, and here I get, to my despair, some wilted watercresses. Our congressman, who sheds his blood when perils brood and trouble, has got a head piece full of mud—he ought to take a tumble."

 Ask for prices of Seeds (Garden, Farm or Flower) from
KELWAY'S
 For present delivery or on contract. Wholesale only.
 Special quotations now ready.
 Real price catalogues for 1916 ready January 1.
Langport, - - - - - England.

—SPECIAL—
COLD STORAGE VALLEY
 Packed in cases of 500 and 2000.
 Best excellent quality.....\$13.00 per 1000
 Order Now For Prompt Shipment.
DIETRICH HEYDEMANN, 17 Battery Place, New York



Japanese Climbing Cucumber.
 grown under irrigation by
Western Seed & Irrigation Co.
 Seed Growers and Dealers, Specialties;
 Cucumber, Musk and Watermelon,
 Pumpkin, Squash, Sweet and Field Corn.
FREMONT, - - - - - NEBRASKA

BRUNNINGS
 Large Growers and Shippers of
BEANS, PEAS
 and
ONION SEED
 Correspondence Invited
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing
TOMATO SEED
 Also Pepper, Egg Plant, Squash, Pumpkin,
 Cucumber, Cantaloupe and Watermelon Seed and
 Field Corn, in variety, on contract.
EDGAR F. HURFF,
 Correspondence Solicited. **SWEDSBORO, N. J.**
Mention the American Florist when writing

Contract Seed Growers
 Specialties: Pepper, Egg Plant, Tomato,
 Vine Seed and Field Corn.
 Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.
Mention the American Florist when writing

THE NEW PINK FORCING ROSE

Coming-**CHAMP WEILAND**-In March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

OWN ROOT

100 plants for.....	\$ 30.00
250 plants for.....	70.00
500 plants for.....	125.00
1000 plants for.....	250.00

Orders filled strictly in the Order as booked.

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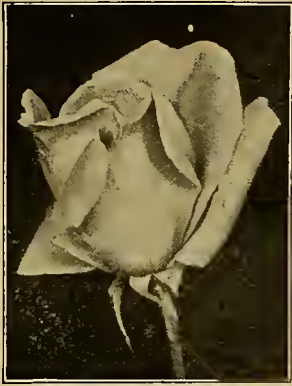
100 plants for.....	\$ 35.00
250 plants for.....	82.50
500 plants for.....	150.00
1000 plants for.....	300.00

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154 North Wabash Avenue,

CHICAGO, ILL.



IN proportion to the size of our business we probably sell more seeds and bulbs to florists than any other house. Those who grow flowers for money will appreciate the importance of this.

Thorburn's Bulbs

for forcing and outdoor planting are carefully described in our "Wholesale Price List for the Trade Only."

Send for your copy if you have not already received it. It will earn money for us both.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place, NEW YORK

Mention the American Florist when writing

THE G. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

James Vick's Sons

Seedsman, Nurserymen, Florists

ROCHESTER, NEW YORK

Let us supply your wants in Fall Bulbs

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Beans, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

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ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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PHOTO 3/4 SIZE.



Fill Your Empty Benches Now With
GLADIOLUS

We are growers of this stock in quantity and the bulbs we send out for forcing under glass are especially selected for this purpose.

Mrs. Francis King, First Size	} Write For Prices and Samples.
Augusta, - - - " "	
America, - - - " "	
Chicago White, - " "	
Florist XXX Mixed, " "	

We can also supply "Medium Size" bulbs of the above varieties.

1916 Prices on all leading kinds are ready.

Vaughan's Seed Store CHICAGO
NEW YORK

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds Baltimore, Md.

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R. & M. GODINEAU SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

Have just received a small surplus of

Japan Grown Freesias and L. Formosums.

Cold storage GIGANTEUMS always on hand. Write for prices.

Yokohama Nursery Co., Ltd.
Woolworth Bldg., New York City

Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

A REPORT from an American consular officer in India states that a man desires to be placed in communication with firms exporting potato seeds. Quotations for 1,000 to 2,000 bags of potato seed, including freight, are requested. For further particulars address Bureau of Foreign and Domestic Commerce, Washington, D. C.; New York, Room 409 United States Custom-house; Boston, eighteenth floor United States Custom house; Chicago, 504 Federal building; St. Louis, 402 Third National Bank building; Atlanta, 521 Post Office building; New Orleans, 1020 Hibernia Bank building; San Francisco, 306 United States Custom house; Seattle, 922 Alaska building.

Prices of Indoor Fruits and Vegetables.

Chicago, December 28.—Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 30 cents; radishes, 30 cents to 40 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, six baskets, \$3.00 to \$4.25; cucumbers, dozen, \$1.25 to \$1.50.

New York, December 28.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.25 per dozen; mushrooms, \$1.25 to \$1.75 per 4-pound basket; tomatoes, 10 cents to 30 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 25 cents to \$1.00.

Soil Tests at Ohio State University.

Recently there were carried out some interesting fertility tests in the new greenhouses of Ohio State University. It has long been an established fact that most of the loose, black soils found in this vicinity are inferior for lettuce growing under glass. These tests were made to determine the relative value of the black soil types as compared with the common gray clay-loam type. Accordingly the black soil was obtained from a corn-field that has produced good crops of corn; while the loam was taken from an old orchard which has never had manure nor fertilizer, but plenty of cover crops plowed under. The black soil used was soft, loose and intensely black, while the loam was quite sandy and inclined to be stiff, owing to lack of humus. The plots were alternated side by side and checks provided; and the main fertilizing elements were used singly to determine if any one element would complete the black soils. Finally, a coat of decayed cow manure was spaded under a section of both black and gray, to determine the effect of manure as compared with fertilizers. The fertilizers used were: Acid phosphate, bone meal, muriate potash, lime, nitrate soda, and a complete mixture of bone, tankage and ashes. The result was a remarkable demonstration of the value of manure, as both types of soil produced a fine commercial lettuce with manure alone, while

manure and complete fertilizer produced the best plot on the loam; second best on the black soil. Nitrate of soda alone on the loam produced fine lettuce and nitrate of soda alone on the black soil produced only fair lettuce. Neither bone meal, acid phosphate, lime nor potash produced a marketable lettuce on the black soil. This result is exactly in line with commercial results elsewhere in this locality. The value of manure is again strongly emphasized. These trials will be repeated in the near future to determine if complete mixtures of fertilizers can be made to do the work of manure, and also to determine the best amount of fertilizers. MARKETMAN.

Potato Varieties.

With the close of the potato harvest season for 1915 the time seems opportune to call to the attention of both the grower and the seedsman the desirability of considering seriously a very material reduction in the number of varieties grown in any given community or section of the country.

In a recent publication by the United States department of agriculture, Bulletin No. 176, a system of classification of potatoes is presented in which the leading commercial types are referred to 11 groups, and a list of the varieties studied which are thought to belong to each group is furnished. In many cases the varieties listed in each group are so nearly identical that in the opinion of the

author of this bulletin there is no justification for the retention of more than 10 per cent of them. The commercial grower should determine what group or class of potatoes is best adapted to his climatic and soil conditions, and then confine his efforts to not more than one or two varieties within that group.

CARNATIONS

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LaFayette, - - Indiana

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasia Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettnces, Onions, Peas Radishes, Spinach, Turnips, Swedes, Astera, Balaama, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Fanaies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ½ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own best grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

Place Your Order Now PALMS, FERNS, ETC.

	Per 100	Per 1,000
2-in. Asparagus Plumosus.....	\$2.50	\$22.50
2-in. Asparagus Sprengeri	2.00	18.00
4-in. Asparagus Sprengeri	8.00	75.00
2-in. Smilax	1.50	15.00
3-in. Dracaena Indivisa	3.00	25.00
Boxwood, fine bushes, 12-in.....		.35
Boxwood, fine bushes, 15-in.....		.50
Boxwood, fine bushes, 18-in.....		1.00
Boxwood, fine bushes, 24-in.....		1.25
Chrysanthemum Stock Plants—Roman Gold, Chieftain, Nonin, Razer, Chrysolora, Golden Eagle, White Chadwick, Pacific Supreme, Wells' Late Pink, Wells' Late Pink, \$4.00 per 100, Aspidistras, green variety, 6-in., \$1.25; variegated variety, 6-in., \$1.50 each.		

Kentia Forsteriana and Kentia Belmoreana. Each	
2-inch pots, 6-8 inches high.....	\$.15
4-inch pots, 16-18-inch high .....	.35
5-inch pots, 22-24 inches high.....	.75
6-inch pots, 24 inches high.....	1.00
6-inch pots, 30-in., 5-6 leaves.....	1.25
6-inch pots, 30-in., 6-7 leaves.....	1.50
7-inch pots, 38-40 in., 8-10 leaves.....	2.00
7-inch pots, 44-48 in., 8-10 leaves.....	2.50
8-inch tubs, 50-in., 10-12 leaves.....	3.00
10-in. tubs, 60 in. and Specimen plants, \$5.00 to \$10.00 each.	
Aracarias, 5-in., \$1.00; 6-in., \$1.25 to \$1.50; 7-in., \$1.50 each.	
Rubber Plants, 5-in., 40c; 6-in., 50c each.	

AZALEAS

Deutsche Perle, Vervaeana, Mme. Vander Cruyssen, Vervaeana Alba, Pres. De Kerchove, Mme. Petrick, Simon Mardner, Mme. Rom. De Smet, Empress of India, Niobe, and several hundred assorted of the named, the new and old varieties, 25c, 50c, 75c, \$1.00, \$1.25, \$1.50, \$1.75, \$2.00, up; a fine lot of specimen plants.

Rooted Cuttings of Geraniums, Roses, Carnations and Chrysanthemums. List and Prices Sent on Request. CASH OR SATISFACTORY REFERENCE.

GREEN GOODS

Wild Smilax, per case.....	\$5.00
Dagger Fern	\$1.50 per 1,000
Fancy Fern	2.00 per 1,000
Leucothoe, spray .....	.75 per 100
Green Galax	1.00 per 1,000
Bronze Galax	1.00 per 1,000
Fadeless Sheet Moss.....	3.50 per bag
ALL FRESH FROM THE WOODS.	

I. W. HEINLY, 205 Sec. Ave., Royersford, Pa.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28-in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....		\$1.50
3-in. pot.....	5.....	12.....		2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub, 6 to 7.....	34 to 36.....		2.50	30.00
9-in. cedar tub, 6 to 7.....	5 ft., very heavy.....		8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

Brazilian Palm Seeds,

Orchids, D. Hacaena,

Caladiums.

Apply to

TH. MOSER LIETZE

BOX 644,

RIO DE JANEIRO, BRAZIL

Fancy Caladium Bulbs

12,000 fine well developed bulbs in 40 named leading sorts, at \$10.00 per 100. Delivery January, February.

Tampa Floral Co., Tampa, Fla.
ANTON FIEHE, Prop.

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Tree, Shrub and Palm Seeds

For the Florist and Nursery trade. Send for price list.

GEORGE H. HOPKINS

Eagle Rock Station, Los Angeles, Calif.

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J

100,000 GERANIUMS

READY NOW

Thousands more coming on every day, from 2 and 2½-in. pots. of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, etc. \$2.25 per 100; \$20.00 per 1000. Fully as good as last year's. Try them. Correspondence Solicited.

Alonzo J. Bryan, Wholesale Florist
Washington, N. J.

THE COST OF GROWING

CHRYSANTHEMUMS

Is not always measured by the quality produced, as some varieties give better returns from the same effort.

We grow nothing but Chrysanthemums and may be able to make timely suggestions to those growing unsatisfactory kinds.

It costs nothing but the asking.

Elmer D. Smith & Co., Adrian, Mich.



Asparagus Plumosus Nanus

(NEW CROP—READY NOW)

Plump and of high germinating quality, Northern Greenhouse grown, the same high class strain as supplied by us for the last 15 years.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50; 5000 to 10,000 seeds at \$3.25 per 1000.

All other reasonable Flower Seeds.

Vaughan's Seed Store
CHICAGO NEW YORK

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL
New York

Seedling Pansies

In mixed color or separate white, yellow and purple, at

\$4.00 per Thousand.

This strain is the result of 20 years selection and is the finest large early flowering variety.

A. L. MILLER,

Sutphin Road and Rockaway Boulevard
JAMAICA, N. Y.

Mention the American Florist when writing

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

ST. JOSEPH, MO.—The board of park commissioners has appointed Chas. Goodwin, florist, superintendent of Krug park.

NURSERY, MO.—Thieves who robbed the postoffice here December 13, also ransacked the office of the H. J. Weber & Sons Nursery Co.

PITTSBURGH, PA.—The Keystone State Nurseries have been incorporated with a capital stock of \$5,000. The incorporators are M. L. Sweeney, J. M., F. R., and D. G. George.

It is estimated that \$1,000,000 worth of trees have been cut in the Adirondacks for the Christmas trade. Lumbermen say the cutting of the small trees will benefit standing timber.

AUGUSTA, GA.—Stulbs' Nursery has opened an up-town office in the business section, where a stock of cut flowers and plants will be handled. The new shop is in charge of Miss Josie Stark.

ST. LOUIS, MO.—Henry Mehl, landscape architect, and formerly head gardener at the Louisiana Purchase exposition, has purchased 4,000 acres of land in Marion county, Miss., and will immediately proceed to cultivate fruit, pecans and grapes.

American Association of Nurserymen.

The forty-first annual convention of the above association will be held at Milwaukee, Wis., June 28-30, 1916. The Hotel Wisconsin has been chosen as convention headquarters and T. J. Ferguson, Wauwatosa, Wis., is the local representative of the association in charge of arrangements, entertainments, etc. Secretary John Hall, 204 Granite Building, Rochester, N. Y., will promptly answer all questions asked of him. It is the hope of the executive committee that every reputable nurseryman in the United States shall catch the spirit of co-operation and seek membership in the association.

Franklin Newhall, Apple King, Dead.

Glencoe, Ill.—Franklin Newhall, of Glencoe, 92 years old, died December 21. He had insisted he expected to live to be at least 100 years old. Mr. Newhall was known as the "apple king," as he owned extensive orchards about Glencoe, and 6,000 acres of cherry and apple orchards on Manitou Island, Michigan. His estate is estimated at over \$750,000. Last winter his eldest son, Simeon Frank Newhall, petitioned the courts for a conservator for the estate of his father, averring that his parent was not mentally competent to handle it. The other two sons sided with their father. At the trial the judge was surprised at the alert mind and memory displayed by the aged man and the petition was denied. Mr. Newhall was born at Conway, Mass., Sept. 28, 1823.

Fighting Moths With Parasites.

Over 12,000,000 specimens of two parasites which prey on the gipsy moth and brown-tail moth were released in 201 towns in Maine, New Hampshire, Massachusetts and Rhode Island during the fall of 1914 and spring of 1915, according to the annual report of the bureau of entomology, United States department of agriculture. As a result of the successful establishment of colonies of these and other parasites which feed on the gipsy and brown-tail moths, marked progress is being made in reducing these pests. Effective co-operation is being afforded by the states which carry on as much work as possible within the infested areas, thus allowing the federal authorities to carry on field work along the outer border of infestation, so as to retard the gipsy moth's spread.

As a result of scouting work carried on by the entomologists in 223 towns in New England, the gipsy moth was found in four towns in Maine, 23 in New Hampshire, three in Vermont, 10 in Massachusetts, and 10 in Connecticut, making a total of 50 towns where the insect has not been previously reported. This scouting consists in an examination of all roadsides, residential sections, orchards and woodlands. Where colonies are found the egg clusters are treated with creosote and the trees are banded with tree tanglefoot and sprayed with arsenate of lead.

The spread of the brown-tail moth during the past year has been considerable, the indications being that this pest has not infested any territory other than that already reported. In co-operation with the United States lighthouse service, the work of collecting moths at night along the coast of Connecticut and Long Island has been continued. Other activities of the bureau in relation to the gipsy moth include the inspection of forest products, nursery stock, and stone and quarry products shipped from gipsy-moth territory, as well as extended investigations along other lines.

Roses

On Canina Stocks

Write for Prices

Ask for the new Polyantha MARY BRUNI

Royal Nurseries

GRATAMA BROS. & CO.

HOOGVEEN (HOLLAND).

English Manetti

Repacked and regraded here. First shipments just arrived.

We have Manetti stocks grown for us on contract by four of the best English growers,—people with whom we have dealt for many years and whose goods and packing we can depend upon. Our prices are **duty paid here** and are for the stocks regraded into uniform sizes and with all shrinkage eliminated. Every stock we send out is a usable one. Order now for prompt shipment.

Jackson & Perkins Company, Newark, New York

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
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ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
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California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
N. J.

The Greatest Handicap.

American Florist Co.,
Chicago,
Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the **American Florist Co.'s Trade Directory**. I haven't one. Send me a copy.

Yours truly,
JOHN WATSON.
Newark, N. Y., Oct. 8, 1915.

THE NEW ROSE

MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST	100	250	500	1000	2500	5000	10,000
GRAFTS	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916. Eyes ready in January, 1916.

Waban Rose Conservatories, Natick, Mass.

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We have a Fine Stock Ready Now

Kentia Forsteriana

- 4-inch pots, 16 inches high.....\$0.25
- 6-inch pots, 28-30 inches high..... 1.00
- 6-inch pots, 36 inches high 1.50
- 7-inch pots, 40-42 inches high..... 2.50
- 7-inch pots, 38-40 inches high..... 2.00
- 9-inch combination in green tubs,
4½-5 feet high 5.00

Kentia Belmoreana

- 4-inch pots, 16-18 inches high.....\$0.35
- 6-inch pots, 22 inches high..... 1.00
- 6-inch pots, 24-26 inches high..... 1.25
- 6-inch pots, 30 inches high..... 1.50

GODFREY ASCHMANN,

1012 West Ontario Street,
PHILADELPHIA, PA.

Mention the American Florist when writing

AZALEAS

We still have an extra fine lot of Azaleas at \$1.00, \$1.25 and \$1.50 each. We have a few extra large size, 22 inches across, at \$3.00 and \$3.50 each. Write us for anything you want in blooming plants.

Geo. A. Kuhl, Wholesale Grower,
PEKIN, ILL.

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BOXWOODS--Most Beautiful Stock

- Pyramids, 2 -ft.....\$1.00 each
- Pyramids, 2½-ft..... 1.50 each
- Pyramids, 3 -ft..... 2.00 each
- Pyramids, 3½-ft..... 2.50 each
- Standard Shape, 14x14 in..... 2.50 each
- Globes, 14x14 in..... 3.00 each
- Heavy Buxhea, 2-ft..... 1.50 each
- Nice Buxhea, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St.
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Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100
\$18.00 per 1000.

Daisy Mrs. F. Sander--The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing--prompt shipment.

ELMER RAWLINGS, Wholesale Grower,
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TWO YEAR DORMANT

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|---------------------------|---------------------|-------------------|
| Baby Tausendschon | Jonkheer J. L. Mock | Dean Hole |
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| Kaiserin Augusta Victoria | (Red Kaiserin) | Clotilde Soupert, |
| Killarney | Farbenkonigen | \$12 00 per 100. |
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Unless noted, \$15.00 per 100.

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|-------------------------------|---------|--------------------|---------|
| | Per 100 | | Per 100 |
| Climbing American Beauty..... | \$17.50 | Hiawatha..... | \$12.00 |
| Crimson Rambler..... | 12.00 | White Dorothy..... | 10.00 |
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A full list of all Roses on demand.

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FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type. Best of all frilled ferns, 2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

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WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

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The most prolific Rose Pink Carnation on the market. Every visitor places an order.

See previous advs.

Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

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NORTH ABINGTON, MASS.

Fine stock of
KENTIAS
 in all sizes. Write for prices.

Asplenium Nidus Avis
 (Bird's-nest Fern)
 in 7, 8, 9 and 10 in. pans at greatly reduced prices.
 Fine for the Holiday trade.
 Fernish Ferns in flats and 2½-inch pots a Specialty.
 Write for Wholesale Catalogue to

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 THE FERNERIES
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Alyssum (Giant and dwarf double).
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2-inch, \$2.00 per 100; \$18.50 per 1000.
 3-inch, 3.00 per 100; 25.00 per 1000.

R. Vincent Jr. & Sons Co.
 White Marsh, Md.

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"First Aid to Buyers"

THE LEEDLE FLORAL COMPANY
 SPRINGFIELD-OHIO

A. N. Pierson, Inc.
 Wholesale Florists
CROMWELL, - CONN.

Robert Craig Co...
 High Class **PALMS**
 and Novelties in Decorative Plants.
 Market and 49th Sts., Philadelphia, Pa.

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Our Guarantee holds good all the year, for any point in United States east of Mississippi River.

S. A. Nutt.....\$12.50 per 1000
 Ricard and Poltevine..... 15.00
 Buddleia Asiatica, a winter blooming variety every florist should grow, either for cut flowers or as a pot plant.
 Rooted Cuttings via parcel post, \$2.50 per 100.
 From rose pots at \$5.00 per 100.

ALBERT M. HERR, LANCASTER, PA.

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A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....\$3.00 each
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 7-inch tubs, 3 plants in a tub, 36 inches high, at.....\$3.00
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 8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00
 8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00
 9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at..... 6.00
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Asparagus Sprengeri, strong 3-in.....\$ 5.00 per 100
 Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15 00
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Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
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Extra fine stock—Ready for immediate shipment.

Peter Reinberg
 30 E. Randolph St., Chicago, Ill.

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Per 100 Per 1000

Obc. Alba, Rosea and Ruby,
 2¼ in pot\$1.50 \$10.00

Obc. Gigantea, 2¼ in. pot.... 2.00 15.00

Asp. Plumosus, 2¼ in. pot.. 1.75 17.00

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Vinca Var., 3½ in. pots, cut
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Pansy Plants, giant flowering 2.50

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10 CENTS PER LINE, NET.



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Alyssum double giant, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

AMPELOPSIS.

Ampelopsis Veitchii, 1-year-old field plants to pot up, \$1.50 per 100. Heavy 2-year, long tops, \$5 and \$8 per 100. BENJ. CONNELL, Merchantville, N. J.

ARAUCARIAS.

Araucaria Robusta Compacta, 2 to 3 tiers, \$1 each; 3 to 4 tiers, \$1.50, \$2, \$2.50 each. Araucaria excelsa, 3 to 4 tiers, \$1 each; 4 to 5 tiers, \$1.50 each; 5 tiers, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucarias, 5-in., \$1.00; 6-in., \$1.25 to \$1.50; 7-in., \$1.50 each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

ASPARAGUS.

Asparagus plumosus, 2-in., \$2.50 per 100; \$22.50 per 1,000; Sprengeri, 2-in., \$2 per 100; \$18 per 1,000; 4-in., \$3 per 100; \$75 per 1,000. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Asparagus plumosus, 2 1/4-inch, \$2.50 per 100; 3-inch, \$5; made up in pans, \$1.20 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

2,000 Asparagus Plumosus, 2-in., \$1.75 per 100. Nice stock. Cash. Le Roy N. Brown & Son, P. O. Box 143, Clyde, Ohio.

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Asparagus Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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Aspidistra Lurida, green, 5-inch pots, 10 to 12 leaves, \$1 each, variegated, 5-inch pots, 10 to 12 leaves, \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Aspidistras, green variety, 6-in., \$1.25; variegated variety, 6-in., \$1.50 each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

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Azaleas, Deutsche Perle, Verveana, Mme. Van der Cruyssen, Verveana Alba, Pres. de Kerchove, Mme. Petrick, Simon Mardner, Mme. Rom. de Smet, Empress of India, Niobe, etc. 25c, 50c, 75c, \$1, \$1.25, \$1.50, \$1.75, \$2 and up each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Azaleas, \$1, \$1.25 and \$1.50 each; extra large size, 22 inches across, \$3 and \$3.50 each. Geo. A. Kuhl, Pekin, Ill.

Azaleas, limited supply, \$1, \$1.25, \$1.50, \$2, \$2.50, \$3.50, \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS—Van der Cruyssen, Niobe, J. Llewellyn, Wm. J. Verveana, 65c, 85c and \$1.10 each. ERNEST ROBER, Wilmette, Ill.

BEGONIAS.

BEGONIA LORRAINE.
Per 100 Per 100
2 1/4-inch.....\$12.00 4-inch.....\$35.00
3 -inch..... 20.00 5-inch..... 50.00

BEGONIA GLORY OF CINCINNATI.
Per 100 Per 100
2 1/4-inch.....\$15.00 3 1/2-inch.....\$30.00
3 -inch..... 25.00 4 1/2-inch..... 40.00
JULIUS ROEHR'S Co., Rutherford, N. J.

BEGONIAS.
Per 100
Xmas Red, 2 1/4-in.....\$ 6.00
Xmas Red, 3-in..... 10.00
Erfordii, 2 1/4-in..... 3.00
Erfordii, 3-in..... 6.00
Prima Donna, 2 1/4-in..... 3.00
Smithii, 2 1/4-in..... 3.00
Chatelaine, 2 1/4-in..... 3.50
ERNEST ROBER, Wilmette, Ill.

Begonias, Cincinnati, 3-in., 15c each; 4-in., \$4 per doz.; 5-in., \$8; 6-in., \$9 and \$12 per doz. Lorraine, 4-in., \$3 per doz.; 5-in., \$6 per doz.; 6-in., \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Gloire de Chatelaine, Prima Donna and Pfitzer Triumph, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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Bouvardia stock plants, dbl. pink and white, 3c. LEVANT COLE, Battle Creek, Mich.

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BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.

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Boxwood, bushes, 10 to 12-inch, 25c each; 12-inch, 35c; 15-inch, 60c; 18-inch, \$1. Standard Globes, with short stems, 16 to 18-inch heads, \$4 each; 12 to 13-inch stems, 15-inch crowns, \$2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

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Gladioli for forcing. For varieties and prices see advertisement on front cover of this issue. A. Henderson & Co., 211 N. State St., Chicago.

Bulbs, Giganteum, 7-9-inch, 300 to case, \$50 per 1,000; 8-9-inch, 250 to case, \$70 per 1,000; 8-10-inch, 225 per case, \$80 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia.

BULBS.

Bulbs, Japan grown freesias and L. Formosums, also cold storage giganteums always on hand. The Yokohama Nursery Co., Woolworth Bldg., New York.

Bulbs, Mrs. Francis King, Augusta, America, Chicago White, Florist XXX Mixed. Write for prices and samples. Vaughan's Seed Store, Chicago and New York.

Bulbs, Fancy Caladium, 12,000 fine well developed bulbs, \$10 per 100. Tampa Floral Co., Tampa, Fla.

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CARNATION ROOTED CUTTINGS, Immediate Delivery.

	100	1,000
Aviator	\$12.00	\$100.00
Alice	6.00	50.00
Good Cheer	6.00	50.00
Pink Sensation	6.00	50.00
Mrs. C. Edw. Akehurst.....	6.00	50.00
Beacon	3.00	25.00
White Wonder	3.00	25.00
Matchless	3.00	25.00
Gloria	3.00	25.00
Princess Dngmar	3.00	25.00
Benora	3.00	25.00
Rose Pink Enchantress.....	2.50	20.00
Champion	2.50	20.00
Enchantress Supreme	2.50	20.00
Enchantress	2.50	20.00
Mrs. C. W. Ward.....	2.50	20.00
Philadelphia	2.50	20.00
Peerless Pink	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
White Enchantress	2.50	20.00

25 or more at 100 rate, 250 or more at 1,000 rate.
First class guaranteed cuttings.
J. D. THOMPSON CARNATION CO., Joliet, Ill.

Carnation cuttings, Enchantress, Rose Pink Enchantress, White Enchantress, White Perfection, Philadelphia, \$2 per 100; \$18 per 1,000. Champion, \$3 per 100; \$25 per 1,000. Beacon, \$2.50 per 100; \$20 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

CARNATION ROOTED CUTTINGS.

Delivery January 1st.
We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower.
Matchless, Enchantress Supreme, Mrs. C. W. Ward, White Enchantress, Beacon, Enchantress.
\$25 per 1,000; 250 at the 1,000 rate. Less 10% if bank draft with order.
ELITCH-LONG GREENHOUSES, Denver, Colo.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Belle Washburn, rooted cuttings' \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

Chrysanthemums, 1916 novelties, novelties for 1915, standard varieties, pompons, anemones, singles. Prices on application. Elmer D. Smith & Co., Adrian, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

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Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, finest varieties, 5-inch, 50c; 6-inch, 75c to \$1 each. Pochlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

Cyclamen, 3-inch mixed colors, \$8 per 100; \$75 per 1,000; 3-inch, separate colors, \$9 per 100; \$80 per 1,000; 4-inch, mixed colors, \$15 per 100; \$140 per 1,000; 4-inch, separate colors, \$16 per 100; \$150 per 1,000; 5-inch, separate colors, 30c each; 6-inch, separate colors, 50c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

CYCLAMEN—IMPROVED WANDSBEK TYPE
—In excellent condition; ready for shift; mostly pink, red and salmon colors; 2½-in., \$5 per 100; 3-in., \$7 and \$10 per 100; 4-in., \$12.50 and \$18 per 100; 5-in., \$35 and \$50 per 100. **SEEDLINGS**—(August) Improved Wandsbek, 8 varieties equally divided, \$2.50 per 100; \$20 per 1,000; \$60 at 1,000 rate. **ERNEST ROBER**, Wilmette, Ill.

CYCLAMEN GIGANTEUM, mostly salmon shades in bud and flower, 4-inch select well grown plants, at 20c; 4-inch with plenty of flowers and bud, but thin foliage; good for making up at 14c. Cash please. **R. J. SOUTHERTON**, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. **HENRY SMITH**, Grand Rapids, Mich.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$3 per doz.; 6-inch, \$9 per doz. **Pochlmann Bros. Co.**, Morton Grove, Ill.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. **J. T. Lovett**, Little Silver, N. J.

DAHLIAS—Rare varieties, something good; no junk at living prices. Seed best grade all classes, 25c per pkt. **FORT RECOVERY DAHLIA GARDENS**, Fort Recovery, O.

DAISIES.

CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. **ETOILE D'OR**, 2-inch, \$4.00 per 100. **Boston Yellow**, 2½-in., \$5.00 per 100. Cash, please. **A. E. Hunt & Co.**, 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. **Elmer Rawlings**, Allegany, N. Y.

DRACAENAS.

Dracaenas, Massangeana, 5-inch, 75c each. **D. Stricta Grandis**, 5-inch, \$1 each. **D. Amabilis**, 6-inch, \$1 and \$1.25 each. **D. Terminalis Rosea**, 3-inch, \$3 per doz.; 4-inch, 40c each; \$4.50 per doz.; 5-inch, 75c each; \$7.50 per doz. **D. Godseffiana**, per doz., \$1. **D. Baptistii**, 6-inch, \$1.25 each. **Pochlmann Bros. Co.**, Morton Grove, Ill.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. **The Storrs & Harrison Co.**, Painesville, Ohio.

FERNS.

Ferns, **Adiantum Mordrecht**, 4-in., \$4 per doz.; \$25 per 100; 5-in., \$4.50 per doz.; \$30 per 100. Ferns for dishes, at standard varieties, \$3 per 100; \$25 per 1,000. **The Storrs & Harrison Co.**, Painesville, Ohio.

Asplenium nidus avia (Bird's nest fern), 7, 8, 9 and 10-inch, pans, at reduced prices for holiday trade. Ferns for dishes, in flats and 2½-inch pots a specialty. **H. Plath**, Lawrence and Winnipeg Ave., San Francisco, Calif.

Ferns, Boston, 5-inch, 20c; 6-in., 35c; 7-in., 60c. **Whitmani**, 5-in., 20c; 6-in., 35c; **The Geo. Wittbold Co.**, 737 Buckingham Place, Chicago, Ill.

Ferns, **Roosevelt** and **Whitmani**, 6-inch, 50c; 7-inch, 75c. **Roosevelt** and Boston, 10-inch, \$2 each. **Pochlmann Bros. Co.**, Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. **P. S. Randolph & Sons**, R. D. 1, Verona, Pa.

FERNS.

Roosevelt fern—runners, \$3.50 per 100; \$30.00 per 1,000. **Burr's Greenhouses**, Freeport, Maine.

Table ferns, \$3.50 per 100. **Pochlmann Bros. Co.**, Morton Grove, Ill.

Boston ferns, 4-inch, 10c each. Cash, please. **EDGAR EASTERDAY**, Nokomis, Ill.

Boston ferns from beds, \$15 per 100. **Jos. H. Cunningham**, Delaware, O.

Ferns. **Joseph Heacock Co.**, Wyncote, Pa.

GERANIUMS.

Geraniums, good assortment of standard sorts, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. **R. Vincent, Jr., & Sons Co.**, White Marsh, Md.

GERANIUMS, rooted in silica rock sand, show a better color and grow better. Let me have your order for **Nutt, Poitevine, Ricard and La Favorite**, \$12.50 per 1,000 cash. **JAMES MOSS**, Johnsville, Pa.

Geraniums, 2 and 2½-inch pots of **Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite**, \$2.25 per 100; \$20 per 1,000. **Alonzo J. Bryan**, Washington, N. J.

Geraniums, **S. A. Nutt**, \$12.50 per 1,000. **Ricard and Poitevine**, \$15. **A. M. Herr**, Lancaster, Pa.

GREENS.

Greens, **Lyrata**, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. **Natural moss**, \$1.75 per bag. **Perpetuated moss**, \$3.50 per bag. **Caldwell, The Woodsman Co.**, Evergreen, Ala.

Greens, dagger ferns, \$1.50 per 1,000; fancy ferns, \$2.00 per 1,000; leucothoe spray, 75c per 100; green galax, \$1 per 1,000; bronze galax, \$1 per 1,000; fadeless sheet moss, \$3.50 per bag. **I. W. Heinly**, 205 Sec. Ave., Royersford, Pa.

Greens, **Lyrnta**, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. **Natural moss**, \$1.75 per bag; **perpetuated moss**, \$3.50 per bag. **E. A. Beaven**, Evergreen, Ala.

HYDRANGEAS.

Hydrangeas, **Otakaa**, field-grown, ready for 5-inch pots, 15c each. French varieties, in field, ready for 5-inch pots, pink and white, 20c each. **Otakaa**, in field, large plants, ready for 9-inch pots, 75c each. **Otakaa**, pot-grown, 5-inch, \$3.60 per doz. French varieties, pot-grown, 5-inch, \$4.20 per dozen. **The Geo. Wittbold Co.**, 737 Buckingham Place, Chicago.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. **P. S. Randolph & Sons**, R. D. No. 1, Verona, Pa.

HYDRANGEAS.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. **HENRY SMITH**, Grand Rapids, Mich.

Hydrangeas, French sorts, assorted and **Otakaa**, 4-inch, \$15 per 100; 5-inch, \$20 per 100. **The Storrs & Harrison Co.**, Painesville, Ohio.

IRISES.

Irises, Catalogue now ready. **Peterson Nursery**, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. **C. L. Van Meter**, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pipe. **Chas. Schwake & Co., Inc.**, 90-92 West Broadway, New York.

LILY OF THE VALLEY.

Lily of the valley, cold storage; **Brun's Celebrated Chicago Market Brand and Florists' Money Maker**. **H. N. Bruns**, 3032 Madison St., Chicago.

Lily of the Valley, best quality, 1,000 to case, \$16.60 per case. **St. Louis Seed Co.**, 411-413 Washington Ave., St. Louis, Mo.

FOR SALE—Lily of the Valley Pips, \$10 per 1,000; 1,250 in case. Fresh stock from Holland. Send for list of 150 varieties of gladiolus; prices low. **THOMAS COGGER**, Melrose, Mass.

Lily of the valley, cold storage, \$13 per 1,000. **Dietrich Heydemann**, 17 Battery Place, New York.

MANETTI.

English manette. Repacked and regraded here. First shipment just arrived. Grafting size, 3-5 m/m, \$10 per 1,000. Extra size, 5-9 m/m, \$12 per 1,000. **Jackson & Perkins Co.**, Newark, New York.

MISCELLANEOUS.

Coleus, aalvia, ageratum, heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. **R. Vincent, Jr., & Sons Co.**, White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. **Lambert's Pure Culture**. **American Spawm Co.**, St. Paul, Minn.

NURSERY STOCK.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. **E. Turbat & Co.**, Orleans, France.

ORCHIDS.

Orchids of all kinds, established and semi-established. **Lager & Hurrell**, Summit, N. J.

PALMS.

KENTIA FORSTERIANA.

	Single Plants.	Inches high.	Each.
6-inch pots,	5 to 6,	23 to 30.....	\$ 1.00
6-inch pots,	6 to 7,	34 to 36.....	1.50
6-inch pots,	6 to 7,	38 to 42.....	2.00
8-inch tubs,	6 to 7,	50 to 54.....	2.00
8-inch tubs,	6 to 7,	5 ft.....	6.00
10-inch tube,	6 to 7,	5 to 5½ ft..	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft..	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
7-inch pots, 3 plants in a pot,	28 to 30..	\$ 2.00
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 4 plants in a tub,	50.....	5.00
8-inch tubs, 4 plants in a tub,	56 to 58..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00
Very strong specimens. 15-inch tubs,	5 plants,	\$15.00, \$18.00 and \$25.00.

ARECA LUTESCENS.

8-inch tubs, 5 plants in a tub.....\$3.00

KENTIA BELMOREANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18.....	\$ 0.40
6-inch pots,	6 to 7,	24.....	1.50
6-inch pots,	6 to 7,	28 to 30.....	1.50
7-inch pots,	6 to 7,	36.....	3.50
8-inch tubs,	6 to 7,	38.....	3.50
8-inch tubs,	6 to 7,	48.....	5.00
8-inch tubs,	6 to 7,	58 to 60.....	7.00
Specimens,		\$15 to \$50.	

KENTIA BELMOREANA.

Made-up plants.

7-inch pots, 3 plants in a pot, 30 ins.....\$ 3.00
Specimens, very heavy.....\$10.00 to 12.00

PHOENIX ROBBERENII.

	Each.	
3-inch.....	per doz., \$3.00	
5-inch pots.....	1.00	
7-inch pots, 26 ins. high,	34 to 36-in. spread.....	2.50
8-inch tubs, grand specimens.....	3.50	
10-inch tubs, grand specimens.....	\$5.00 to 7.00	

POEHLMANN BROS. CO., MORTON GROVE, ILL.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

Palms, Kentia Bel., made-up, 8-in., 36-in. tubs, \$5; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, Kentia Forsteriana and Belmoreana: 2-in., 15c each; 4-in., 35c; 5-in., 75c; 6-in., \$1 to \$1.50; 7-in., \$2 and \$2.50; 8-in., \$3; 10-in., \$5 to \$10. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Palms, line stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom, \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Seedling pansies, in mixed colors or separate, white, yellow and purple, \$4 per 1,000. A. L. Miller, Jamaica, N. Y.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veltchil, 5-inch, 50c; 4-inch, 35c. Pochlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PRIMULAS.

Primroses, obconica alba, rosea and Ruby, 2½-in., \$1.50 per 100; \$10 per 1,000. O. G. Gantner, 2½-in., \$2 per 100; \$15 per 1,000. Jos. H. Cunningham, Delaware, O.

Primula obconica, in bloom, 5-inch, \$3 per doz. Pochlmann Bros. Co., Morton Grove, Ill.

PRIVET.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

ROSES DORMANT STOCK.		
	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Hermosa	2.00	15.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield.....	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer, J. L. Mock, Mme. Jules Grolez, Farbenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soupert, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering, December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Rose Champ Weiland, own root: 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Weiland & Risch, 154 N. Wabash Ave., Chicago, Ill.

Rose, Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb. by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

SEEDS, BEGONIA—Lumluosa, trade package, 50c each. Primm Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus, 5000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchison & Co., 17 Murray St., New York.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Mink and Watermelons, Pumpkins and Squash, Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general, Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracena Indivisa, \$2 per pound. California Privet seed, \$1 per pound. Cash with order and 1 prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Tree, shrub and palm seeds for the florist and nursery trade. Send for price list. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade; beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SMILAX.

Smilax, 2-inch, \$1.50 per 100; \$15 per 1,000. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegheny, N. Y.

SPIREA.

SPIREAS.
Spirea Gladstone, \$1.50 per dozen; \$10 per 100. Spirea Queen Alexander, \$1.75 per dozen; \$12 per 100. ERNEST ROBER, WILMETTE, ILL.

Spirea Gladstone, white, \$6.50 per 100; Queen Alexandra pink, \$7.50 per 100; Peach Blossom, L. Pink, \$7.00 per 100. St. Louis Seed Co., 411-413 Washington Ave., St. Louis.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegheny, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Field-grown Vinca Variegata, ready for 5-in. pots, \$5 per 100; ready for 4-in. pots, \$4 per 100; field rooted layers, 90c per 100; \$8 per 1,000. Cash. H. A. COOK, OBERLIN, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

Vinca var., 3½-inch, cut back, \$5 per 100. Jos. H. Cunningham, Delaware, Ohio.

STOCK WANTED.

STOCK WANTED—Coleus; variety Verchaf-felti, Firebrand, Golden Bedder and Anna and John Pfister. Send price list. H. HOUSTON TALL, Board of Park Commissioners, Indianapolis, Indiana.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN OUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose atakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

MISCELLANEOUS.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Pexto Pruning Shears for trees, shrubs, vines, bushes, hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Shipping boxes for cut flowers. The Hinde & Dauch Paper Company, 161 Water St., Sandusky, Ohio.

"Has Them All Beat" for greenhouse heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Bollers. Giblin standard greenhouse. Giblin & Co., 901 Broad St., Utica, N. Y.

POTS AND PANS.

Red burned flower pots, hanging baskets, porch boxes and porch pots. Write for catalog. The Logan Pottery Co., Logan, O. Chicago office, 101 S. 5th Ave.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

POTS AND PANS.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1529 S. Spaulding Ave., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabasha Ave., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

WHOLESALE CUT FLOWERS.

Amling Co., E. C., Chicago.
 Angermueller, Geo. H., St. Louis, Mo.
 Badgley & Bishop, New York.
 Bassett & Washburn, Chicago.
 Berger Bros., Philadelphia, Pa.
 Berning, H. G., St. Louis, Mo.
 Budlong, J. A., Chicago.
 Chicago Flower Growers' Ass'n., Chicago.
 Coan, J. J., New York.
 Ernie & Klinge, Chicago.
 Ford, M. C., New York.
 Ford, William P., New York.
 Freres, D. E., Chicago.
 Frument, H. E., New York.
 Guttman & Raynor, Inc., New York.
 Hart, George B., Rochester, N. Y.
 Hoerber Bros., Chicago.
 Holton & Hunkel Co., Milwaukee, Wis.
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 Kyle & Foerster, Chicago.
 McCallum Co., Pittsburgh, Pa.
 Meconi, Paul, New York.
 Miller & Musser, Chicago.
 Montreal Floral Exchange, Ltd., Montreal, P. Q.
 Moore, Hentz & Nash, New York.
 N. Y. Cut Flower Exchange, New York.
 Nissen Co., The, Leo, Philadelphia, Pa.
 Percy Jones, Chicago.
 Phila. Wholesale Florists' Exchange, Phila.
 Pittsburgh Cut Flower Co., Pittsburgh, Pa.
 Poehlmann Bros. Co., Chicago.
 Pollworth Co., C. C., Milwaukee, Wis.
 Polykranas, Geo. J., New York.
 Pyfer & Co., A. T., Chicago.
 Randall Co., A. L., Chicago.
 Reid, Edward, Philadelphia, Pa.
 Reinberg, Geo., Chicago.
 Reinberg, Peter, Chicago.
 Rice Bros., Minneapolis, Minn.
 Riedel & Myer, New York.
 Rusch & Co., Gust, Milwaukee, Wis.
 Sheridan, W. F., New York.
 Siebrecht, Geo. C., New York.
 Smith, Wm. C., St. Louis, Mo.
 Thompson Carnation Co., J. D., Joliet, Ill.
 Tonner, O. A., Chicago.
 Totty, Chas. H., Madison, N. J.
 Traendly & Schenck, New York.
 United Cut Flower Co., New York.
 Vaughan, A. L., & Co., Chicago.
 Welland & Risch, Chicago.
 Welch Bros., Boston, Mass.
 Welch, Patrick, Boston, Mass.
 Wictor Bros., Chicago, Chicago.
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 Young & Co., A. L., New York.
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Books For Florists

The following books should be in every florist's and gardener's library. Send prices quoted and we send the books.

The Goldfish.—By Hugo Mulertt. 160 pages, handsomely illustrated. Price, \$2.

Chrysanthemum Manual.—By Elmer D. Smith. Profusely illustrated. Price, 50 cents.

Landscape Gardening.—By Sam'l Maynard. 338 pages, 165 illustrations. Price, \$1.50.

The American Carnation.—By C. W. Ward. A complete treatment. Illustrated. Price, \$3.50.

Daffodils, Narcissi, How to Grow Them.—By A. M. Kirby. Illustrated. 233 pages. Price, \$1.21.

The Rose.—By H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide. Price, \$1.25.

House Plants.—By Parker T. Barnes. 236 pages and 30 full-page illustrations. Price, \$1.20.

The Book of Water Gardening.—By Peter Bisset. 200 pages and 139 illustrations. Price, \$2.50.

Hedges, Windbreaks, Etc.—By E. P. Powell. 140 pages, with 22 illustrations. Price, 50 cents.

Orchids: Their Culture and Management.—By W. Watson. Eight colored plates. 544 pages. Price, \$1.0.

Greenhouse Construction.—By L. R. Taft. How to build and heat a greenhouse. Illustrated. Price, \$1.50.

Insects Injurious to Vegetables.—By F. H. Chittenden. 163 illustrations in the 262 pages. Price, \$1.50.

Greenhouse Management.—By Prof. L. R. Taft. Covers the subject completely. 382 pages. Price, \$1.50.

The Landscape Beautiful.—By Frank A. Vaughn. An interesting book. 336 pages. Illustrated. Price, \$2.

Mushrooms: How to Grow Them.—By Wm. Falconer. Only American book on the subject. Illustrated. Price, \$1.

Manual of the Trees of North America.—By Prof. C. S. Sargent. 326 pages, with over 600 illustrations. Price, \$6.

The Principles of Fruit Growing.—By L. H. Bailey. Fruit culture is treated thoroughly. 516 pages. Price, \$1.25.

Lawns and How to Make Them.—By Leonard Barron. A very useful and practical work. Illustrated. Price, \$1.10.

The Vegetable Garden.—By Vilmorin-Andrieux & Co. Most complete book published. Profusely illustrated. 782 pages. Price, \$6.

The American Flower Garden.—By Neltje Blsachan. Well bound. 368 pages and 92 illustrations. Price, \$5.35.

How to Lay Out Suburban Homes.—By Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 half-tone illustrations and 15 plans and maps. Price, \$2.

Vines and How to Grow Them.—By Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated. Price, \$1.10.

Practical Floriculture.—By Peter Henderson. A guide to the successful propagation and cultivation of florists' plants. Illustrated. 325 pages. Price, \$1.50.

Success in Market Gardening.—By Herbert Rawson. No one in the business for profit can be without this latest edition. 271 pages and 22 illustrations. Price, \$1.10.

The Orchard and Fruit Garden.—By E. P. Powell. The volume is well illustrated and the author is a practical man who knows his subject. 321 pages. Price, \$1.50.

Cabbages, Cauliflower, Allied Vegetables.—By C. L. Allea. Also contains chapters on seed raising, insects, pests and funga diseases common to these plants. Price, 50c.

The Garden Month by Month.—By Mabel Cabot Sedgwick. A well classified list of hardy herbaceous and other plants arranged for each month. Illustrated. Price, \$1.30.

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SPLENDID CHRISTMAS DEMAND.

Christmas trade was very satisfactory indeed—the store people say that everything went out much better than was expected. The “shopping early” movement, so much advocated by newspapers, seemed to have an effect on flower buyers, with the result that orders were placed earlier for this Christmas than has ever been known before, all of which made the holiday task for the florists easier than has been the rule hitherto. Cut flowers and arranged baskets of flowers were easily the best sellers. The prices for cut stock did not vary materially from the prices of other years. Tea roses sold at from \$3 to \$6 per dozen, the red ones only bringing the higher mentioned figure. American Beauties ranged from \$15 to \$24 per dozen, and there was quite a good demand for this variety. Pink and white carnations brought \$2 per dozen; red carnations, \$3 per dozen; violets brought from \$1 to \$5 per bunch according to the manner in which they were arranged. There was a full supply of everything needed in flowers and, kept-over stock was conspicuous by its absence. In plants, the \$1.50 and \$2.50 sizes were the most popular; anything more expensive than that sold very slowly. The best selling plant was the little Pedrick azalea; next to these was Begonia Cincinnati. Where this variety was available, the old Lorraine type could scarcely be moved. Cyclamens sold fairly well, as also did primulas of the obconica type. Basket arrangements of mixed plants also sold very well. The weather was all that could be desired for easy delivery. On the day before Christmas the morning started in very stormy, with wind and rain, and it looked as though the florists were going to have an unfavorable day for their deliveries; fortunately, however, before 10 a. m. the wind and rain ceased and the sun came out, and from then the weather was fine and balmy, much to the delight of the trade. So far as florists are concerned, the trade in evergreens was very slim. As has been experienced in other cities, this trade is getting more and more into the hands of grocers, hucksters and peddlers; these people, with their smaller expenses, can handle this material at a smaller cost to the final customer than can the florist, consequently they get the bulk of that kind of business. It is a fact, however, that more evergreen was used in this city than ever before. S. S. B.

HOLYOKE, MASS.—At the annual meeting of the Holyoke & Northampton Florists' & Gardeners' Club, December 14, the following officers were elected: Aubrey Butler, Northampton, president; Geo. Strugnell, vice-president; James Whiting, Amherst, secretary-treasurer.



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CHRISTMAS SALES PHENOMENAL.

The holiday trade in this city proved eminently satisfactory, the business being really phenomenal both as to quality, quantity and demand. The weather was all that could be desired, and a great improvement over the blizzard of last year. Although threatening, Jupiter Pluvius was most kind, and withheld his downpour until a late hour on the evening of December 24. On Christmas morning it tried to snow, but only succeeded in a little flurry that did not greatly interfere with the business, and only a few scattering flakes succeeded in falling. Delivery was good, and the temperature not such as to hurt the plants, of which there were wagon loads being delivered. There was a tremendous trade in Christmas trees and quantities of holly were taken home in large and small bunches. A fine trade in wholesale was had by some of the florists. American Beauties were none too abundant and easily brought \$12 a dozen. Richmond roses commanded \$4 and poinsettias sold for \$4. There were violets, lily of the valley, orchids, carnations in abundance, and roses of all kinds. Pot plants in narcissi, hyacinths, begonias, poinsettias, azaleas, primulas, and other plants were in great profusion and met with ready sale. All the florists say that prices were much better than last year, and the supply even better. The florists' windows were things of beauty and each one vied with the other as to the variety and artistic merit of the display.

NOTES.

The Joy Floral Company, brought in a most magnificent stock, and had unprecedented sales. They did a large shipping business to many southern cities by wholesale. Their windows were decorated with poinsettias, one window containing a vase with hundreds of blossoms, with stems two to six feet in length. They had a large supply of American Beauty roses and sold them all; in fact, they had a full clean up and their business was something over that of last year.

The McIntyre Bros., ever in the forefront, had a most gorgeous display at their store, in the greenhouse adjoining, and in the pergola above. Their place was thronged throughout the day, and they had a good clean up. In fact, the season's business was altogether satisfactory and the entire floral fraternity met the occasion with a broad grin of contentment.

Geny Brothers had a lively window with a fringe of pot hyacinths packed with a great variety of poinsettias, azaleas and narcissi. They had to double their force in the store and each one was kept busy waiting on the trade. They had fine American Beauties, plenty of violets and a splendid supply of all kinds of stock and sold out.

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M. C. D.



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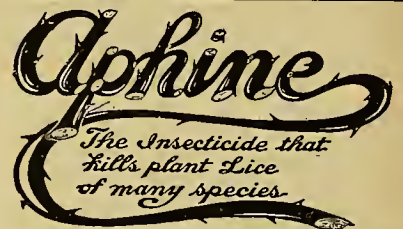
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- Routahn Seed Co 1295
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- Schillo Adam
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- Schwake Chas & Col284
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- Co... 1308
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- Sioux City Seed &
- Nursery Co... 1294
- Situatico & Warts 1271
- Skidelay SS & Co... 1
- Skinner M B & Co... 111
- Small J H & Sons... 1287
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- Smith & Hemenway 1306
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- Smith Wm C Flo Col283
- Smith W & T Co... 1
- Stokes Seed Farms
- Co... 1294
- Storra & Harrison... 1299 1300
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- & Boiler Works... 111
- Syracuse Potry Co 1307
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- Thompson J D
- Carnation Co... 1
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- Weich Patrick... 1282
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- Irrigation Co... 1293
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Next annual convention at Houston, Texas, August 15-17, 1916.

FOURTH NATIONAL FLOWER SHOW.

The fourth national flower show of the Society of American Florists will be held at Convention hall, Broad street and Allegheny avenue, Philadelphia, Pa., March 25-April 2. For premium list and all other particulars address JOHN YOUNG, 53 West Twenty-eighth street, New York.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., January 26-27, 1916. JOS. H. HILL, Richmond, Ind., President; J. F. ARMANN, Edwardsville, Ill., Vice-President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

The End.

Alexander MacLellan, the well known horticulturist of Newport, R. I., considers John Masefield's lines entitled, "The End," in our last issue of the old year rather dismal and submits the following:

If death be obliteration
Of mankind quitting this sphere
Why bother about temptation?
Just enjoy yourselves while here.
If mem'ry be all that's to it
As life goes—goes the mem'ry too
With never a thought of Spirit
When death's portals we pass through.
Friends to keep—but brief remembrance
Much of that mixed up with pain.
Books are of greater endurance
A mem'ry may longer retain,
If life has no better ending,
After years by discord torn,
With nothing better portending
It were better, had we never been born.

SUGGESTIONS FOR PLANT GROWERS.

Fuchsias.

It is a good time now to start the old stock plants of fuchsias, for there is plenty of room in the propagating bench and it is the early struck cuttings that make the fine plants for vases and boxes, and if cuttings are taken in spring they immediately produce a flower and it is difficult to get a good growth, the plant often remaining short with a stunted appearance yet bearing flowers. If the old plants have been thoroughly ripened, shake the soil off and pot in a good new loam, cut back the wood and place them in a warm house and syringe plentifully. The young growths will shortly appear and should be made into cuttings as soon as they have attained a length of an inch and a half or two inches. As soon as rooted pot in 2-inch pots and give the young stock a warm temperature. When growth commences the top can be taken off and another cutting made, and the plants shifted to 3-inch pots. Another stopping will be necessary in late winter to make nice, bushy plants that will be full of bloom in early spring. Keep them clean from mealy bug by constant spraying.

Lilies.

The lilies for Easter should be brought into warm temperature right after the first of the year. A house of 60° at night should bring them into perfect condition for Easter when it occurs at the time it does this year. Those that are in 4-inch pots should be potted in 6-inch, and we have found the best way to do this was to first place a crock in the bottom of the pot and cover with about an inch of soil, then place the 4-inch plant on this, filling in around the stem above the old ball. The lily always throws out roots at the base of the stem when the buds form, and if potted in this manner these roots will be in soil and materially aid the plant in perfecting the bloom. With these roots covered with soil the plant also makes a much better appearance. The soil in which

they are potted should be a rich compost of about the same composition as is used in rose culture, and the plant should be firmly potted and well watered and placed in good light location where the plants will not get drawn. A plant 18 to 24 inches high when in bloom with the foliage thickly studded along the stem is the one most desired at Easter. Keep the aphids down all the time by constant fumigation. These little insects are the worst plague to the lily grower, for if they once get established on lilies they are very difficult to dislodge, so it is much better to give the plants a fumigation every week and thus guard against them than to wait until their presence is manifest and try to kill them. This is one of the most pronounced cases where "An ounce of prevention is worth a pound of cure."

Rambler Roses.

Of all the exhibits made at the flower show in Boston a year ago last spring, the Rambler roses attracted the most attention. The varieties of these beautiful plants have increased rapidly and they can now be had in all the shades of red and pink and also white. The single varieties have also been greatly improved and many of these make most beautiful plants. Every grower should have a few of these for Easter, and even if they do not sell they can be grown on for next year when a finer and larger plant will be had and the wood grown this year can be propagated and if planted outside will make nice plants. Plants grown in the field and lifted this fall will have to be started the first of the year to have them in bloom for Easter; pot-grown plants can be started two weeks later. They should be firmly potted in good rose soil, and placed in a cool house, one not running higher than 45° at night, and syringed often to soften the wood. Before the eyes start into growth the plants should be tied out into the shape they are to be grown. These plants can by a little ingenuity and care be trained into any shape desired.

Many fancy as well as grotesque forms are now seen every year. To the inexperienced the round spreading plant should be the first attempted. Five or six stakes at the edge of the pot with the stems wound around and two or three arching over the center is the simplest form. Experienced growers have them in the shape of umbrellas, large balls, ships, and any form they desire. When the growths have got well started the plants should be moved into a temperature of 55° at night, and the syringing on bright days should be kept up to prevent insects from getting a foothold. By the middle of March the flowers should begin to show color and if they do not a little warmer temperature will be required to have them well in bloom for the first week in April. A regular rose temperature of 60° at night will be necessary, but the flowers are not of as good color nor do they last as well if they are unduly forced. A fine assortment of these includes Crimson Rambler, Philadelphia Rambler, Dorothy Perkins, White Dorothy Perkins, Tausendschon, Lady Gay, Hiawatha and American Pillar, and in the Baby Ramblers, Crimson Baby, Jessie, Phyllis or Orleans.

Geraniums.

After the holiday trade there will be room enough to space out the geraniums and other bedding stock. The cuttings that were placed in flats, and the young stock in 2-inch pots, should be shifted to the 3-inch size and spaced on the benches so that a good growth is encouraged. As soon as well established in these pots the top can be cut off and another cutting obtained. All the young stock possible should be taken from the plants selected in the fall for propagating purposes, for all the cuttings from which it is expected to produce good sized plants should be in the propagating bench by February 1. Any rooted after March 1 will make small plants for bedding purposes. The best stock for late May and early June planting should be in 4-inch pots by April, that they may be well enough established by the middle of May to begin to flower, and should have at that time three or four good branches so that a succession of bloom is assured.

Rose Border Edging.

ED. AMERICAN FLORIST:—

I have 150 varieties of roses, growing in border along wall with about nine inches of space in front. What kind of low plants would be most suitable for edging to flower through the summer after the roses?

Canada.

J. D.

Pansies should do well, to be followed by an edging of sweet alyssum for the hot weather in summer and autumn. *Myosotis semperflorens* is also good, but enjoys more shade than the roses. The space being narrow, the first two named are most suitable. Another year, spring flowering bulbs should be used with the pansies, letting them remain in the ground and planting alyssum between them when the pansies finish, as they do in very hot weather.

E. O. O.

KNOXVILLE, TENN.—Five thousand rose plants to be put out over the city were distributed by the "City Beautiful League," December 15.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Shallow Flower Bowl.

One idea leads to another. Years ago there were few long stemmed flowers, that is greenhouse grown, mainly because of the demand; every bud in the cluster was allowed to grow and the flowers pinched off without stems. These were wired to matting straws and tied into tight bouquets. As flowers became more plentiful quality was looked for, disbudding began and finally single, long stemmed flowers became the rule. From Japan were imported some unique holders for the support of single flower stems with foliage in shallow bowls. These took the form of turtles, fishes, etc., perforated with holes. Later an American lady perfected the Japanna holder, a glass block with a number of holes for the flower stems. This was very practical and met with great success. Then came the English flower block, with a rounded contour and large flaring holes that would support large fleshy stems. This also had a large sale. Various receptacles were tried for these holders, the best being that offered by the Japanese in their shallow bowl, an inch to an inch and a half in depth. These, when filled with any of the long stemmed flowers or with daffodils, are very attractive.

The flower block is placed to one side, filled high at the back, tapering to shorter stems in front, with some of the flowers floating on the surface of the water. Other bowls are decorated with the block in the center and filled to present a more or less symmetrical appearance all around. We know of nothing more graceful than one of these bowls tastefully filled. They are now made in a variety of colors, of porcelain, of clear glass and terra cotta, with flat or glazed finish. They can also be used as bulb dishes for Chinese lilies or are very pretty with a few pebbles and small plants of the water hyacinth. To these latter tiny gold fish and miniature turtles give animated life and variety.

The Christmas of 1916.

The holiday business just past has been of unusual volume all over the country; it has exceeded all expectations and given great confidence for the future expansion of the trade. New life has been instilled into every department, so that with the certainty of a growing demand, men with push and energy will go ahead working out plans which have been held for just such evidence of appreciation—a demand from the public.

The Christmas trade from the retailers' point of view is like a battle royal; there is, or should be, great preparation as the time approaches, then the



JAPANESE ROSE FLOAT WITH BIRD ORNAMENT.

Filled With Shawyer Roses and Blue Lupines.

grand three days' engagement night and day, often without rest, then the final survey of the field showing results more or less satisfactory, depending on the degree of preparedness and skillful management of the campaign. It is this survey of the 1915 Campaign that is so important at this time. Right now, while everything can be verified, when the figures are all at hand and the various experiences fresh in the memory, is the time to indelibly fix them for the work of next year.

In the first place did the business come up to your expectations, was the profit sufficient for the amount done, was there a gross profit of 100% or more on the goods purchased for the Christmas trade? How about the perishable stock left over? If any, make an inventory. To sell up to the last plant is almost impossible, but everything left cuts into the profit just that much. Were the plant baskets just right, did they sell well; was there waste from stock bought for their filling and not used? Make a note of how a few of the best were filled. Were the poinsettia pans satisfactory? These, when just right, are splendid sellers. Make a list of the plant stock you will require for next year—you now have a better idea of what is required than you will have December 1, 1916. Make a note of the extra help and when they came on. As you look over the business, do you see where your system can be improved? Many men do things in the same old way year after year, when by giving the matter thought, much greater efficiency might be obtained.

In the matter of the cemetery wreaths and those for house decorations, was the stock ready on time? By a little crowding and early additional help, much of the slavish night work of the last few days may be avoided. A great deal of the preliminary mousing and stemming can be done in the late summer and early fall. Wreaths can be quickly thrown together if the material is properly stemmed.

The handling of expensive cut flowers at this season is very important and is worthy of the most careful thought. The record of the past season will show if the buying was just right for the demand—the varieties and colors that were most in demand should be noted. The arrangement of flowers in the box is not given the attention by many that it should receive. To get the best results the boxes in all sizes should be rather wide and of good length, so that one layer of flowers may be placed next and not on top of another. Tissue paper should separate each layer.

A good delivery system is a vital feature. Was this year's satisfactory—on time with all deliveries? Even with all the extra business this is possible if the force is properly organized. Note the number of new charge accounts. Were your announcements satisfactory and out on time and did they pull? Was there any newspaper advertising and were the results such as to warrant extension? Your window decorations with comments on their efficiency and any improvements that suggest themselves are important.

With all the above details of the business and others that will occur to the up-to-date storekeeper, a most valuable record will have been made that will prove of the greatest value in preparing the Christmas campaign of 1916.

K.



JAPANESE ROSE FLOAT WITH BIRD ORNAMENT.

Filled With Lupines and Snapdragons.

Holiday Foliage Plants.

From year to year the usefulness of a greater variety of foliage plants becomes more evident to the trade, and an increased demand for stock of this character is noted with the return of the holiday season. In regard to quantity, the palms and ferns naturally head the list, for, apart from the great numbers of these plants that are used for decorating at the many social functions of the season, there are tens of thousands in both palms and ferns that are turned into most acceptable gifts in remembrance of this joyous season, and in a multitude of sizes from those in 3-inch or 4-inch pots, to fine specimens in 8 to 12-inch tubs. A well-grown kentia in a 7 or 8-inch tub, or a Phoenix Roebelinii (and the latter is shapely from a 4-inch pot upwards) are among the palms that are particularly acceptable to those whose space and purse are not of the most elastic character; and both are plants that may be safely recommended by the dealer for house decoration.

If a choice, but small specimen is the need of the customer, then Cocos Weddelliana or Livistona rotundifolia may be suggested, the first named being the best house plant of the two. A nicely grown *Latania Borbonica*, not the leggy kind, but those that have been kept to their naturally compact

and rounded outline, is also a good ornament for the house, and will stand comparatively low temperatures without serious injury; but in selling either of these palms it is well to impress on the purchaser that they all enjoy thorough watering at intervals of not more than two days, and that none of them will endure stagnant water in the bottom of the jardiniere between times.

Among the ferns, the *nephrolepis* takes first place as the specimen ferns for the general class of buyers, those in pots or pans from 5 inches to 8 inches in diameter being the most popular sizes, while *Scottii*, the original Boston, and the Harris variety are among the most popular of the plain-leaved forms of this fern, and elegantissima is one of the many fine sorts that are more or less cut-leaved or crested. Those having space for such a plant can get nothing better among the ferns for household use than *Cibotium Schiedeii*, this magnificent dwarf tree fern now being found in the stock of most of the progressive florists, in either 6-inch pots or larger sizes. If a novelty in the fern line is among the inquiries, the birdnest fern, *Asplenium nidus*, will surely please, for the shining green foliage and trim habit of this fern is so distinct from the average fern that the amateur can

scarcely believe it to be correctly classed in the fern family. The improved holly fern, *Cyrtomium Rochfordianum*, is another admirable variety for the house, and one that proves most useful in the many attractive combination tubs or boxes or baskets that are so widely used at the present season.

Then there is *Adiantum Farleyense*, still the "Queen of Maidenhairs," and that harder form known as the "Glory Fern" or *A. gloriosa*, both these lovely ferns being in good demand in those stores whose clientele is of a critical character. The ordinary table ferns, such as are grown and sold by the million, are among the regular stock the season through, but are also in extra demand at the holidays, for a nice fern dish or pan is a very pleasing form of Christmas remembrance to many plant lovers.

Numerous foliage plants come into extended demand for those combination arrangements to which reference has already been made, *araucarias*, *dracaenas*, variegated *euonymus*, *aspidistras*, *ivies*, *asparagus*, *ardisias*, *solanums*, *aucubas*, *skimmia Japonica*, *farfugiums* and numerous other plants being used in greater or less numbers. *Dracaena terminalis* is still one of the most satisfactory of this group, its bright coloring being particularly pleasing in midwinter, while among the dwarfs of this section *Dracaena Sanderiana* and *D. Godseffiana*, the first with its white and silvery variegation, and the second with leathery and glossy foliage profusely spotted with yellow, are especially popular. The white variegated form of *Euonymus Japonica* is an excellent plant in these mixed groupings, and *Aglaonema costata* is a low-growing tropical plant with dark green foliage with white markings, that is also used to advantage in such arrangements. *Marantas* are also found useful in this class of work, for some of the species and varieties will bear exposure to the conditions of a dwelling for a reasonable period, provided that they are not exposed to direct draughts. Among the most satisfactory *marantas* may be mentioned *M. vittata*, *M. rosea-lineata*, and *M. insignis*.

Pandanus Veitchii in all sizes from 3-inch pots to 7-inch pots, are in demand at this season, the distinct variegation of this fine decorative plant being most effective, whether it be in a single specimen or in a combination. In fact, the list of available plants for Christmas sales is extending from year to year, and is still a promising field for further extension.

W. H. TAPLIN.

Lilium Formosum Forcing.

ED. AMERICAN FLORIST:

When bulbs of *Lilium Formosum* are received in the fall can they be potted in 4-inch pots until they are rooted, then placed in a night temperature of 55 degrees, transplanted in solid beds and bloomed successfully for January and February cutting, or should they be flowered in 6-inch pots?

P.

Lilies placed in 5-inch pots early in the fall can be had in bloom in February. It is not necessary to repot them. A temperature of 60 degrees would be right.

C.

THE CARNATION.

Care of the Plants After Christmas.

Now that the Christmas holidays are over, any carnation plants that have been treated to a few more degrees of heat to open up the flowers, so as to reap the benefit of a big holiday demand, should have the temperature gradually reduced to normal conditions again and the general routine care of the plants be given the closest attention to encourage them to continue in a healthy producing condition. Figuring on the reports from the different sections of the country regarding the supply and demand, indications are that first class carnations will bring good prices for several weeks yet. The results obtained from the plants during the month of December must demonstrate to the grower that selected plants and constant care are the important things that lead to the best returns. The grower who selected his plants at time of planting and followed it up with close attention to the details in the plants' care, has his plants in fine condition, producing a good crop of flowers to meet the demand at good prices, but the grower who has subjected his plants to haphazard culture conditions, cannot have a very good record to show for his plants during the month of December.

Another important work that can be done at this time to good advantage while the flowers are cut off close, is to fumigate the houses; even though there is not any sign of fly, a fumigation now, thoroughly done, will rid the plants of any insects not discernible to the eye and helps to keep them clean for the rest of the winter.

Disbudding is one of the big jobs when the plants are heavily loaded with shoots and buds, but it must not be neglected and should be done on time so that the flower will get the fullest benefit from it; also, do not allow the growing shoots that are coming up to get crooked before placing them in the wire rings. As advised in my last carnation notes, the work connected with the propagating of the young stock for next season should be pushed along. First of all, have the propagating house and beds put into shape to carry on the work. After the propagating house has been made ready, the next work in order is the selection of the cuttings. This is of the greatest importance, because a great deal of the success of the plant throughout the season depends on the kind of a cutting the start is made with. Cuttings should not be taken from plants that show the least sign of yellows, branch-rot, or any other ailment; neither should cuttings be taken from plants that are not true to variety as regards color. This includes most particularly to the deep pink colors. Some plants will throw flowers that are streaked and poor in color. Cuttings taken from such plants means several additional plants producing poor colored flowers next season, while a selection of the cuttings from plants that grow away freely and produce flowers true to color and variety will result in benches of fine plants and flowers, and many times improvements over the original varieties are obtained this way. When the stock of a variety will permit it, enough

stock for the season's growing requirements should be taken in one batch. The reason for this is the flowering plants on the benches will be even and each bench producing its maximum of flowers, but when one batch of cuttings is taken several weeks after the other, and planted together in the field or on the bench, there are bound to be a number of the plants that fail to catch up and result in an uneven lot of plants. Do not allow the cuttings to wilt between the time they are taken from the plants and put into the sand. The best way is to take off small lots of cuttings, trim them, placing them in a pail of water to stiffen up, allowing them to remain an hour or two before running them into the sand. Water the cuttings well at time of putting into the sand, but be careful to allow the sand to dry out moderately before applying water again. The cuttings can be kept firm and fresh by light spraying each day.

C. W. JOHNSON.

Moving Large Trees.

ED. AMERICAN FLORIST:

I will move some elm trees this winter. They are about 2½ feet in circumference. How far from the trunks must I leave the earth and roots on the trees in digging them up? Any other information you can give on this subject will be appreciated.

SUBSCRIBER.

A tree one foot in diameter will require a ball of about eight feet diameter. For trees of heavy spreading tops the size of the balls may be increased. In THE AMERICAN FLORIST of February 20, 1914, E. O. Orpet gives some details on this work as follows, which no doubt will be found of general interest at this time:

"Many people are unwilling to wait for trees to grow to large size in these days of immediate results, and are willing to pay for them ready made, if of good height, habit and shape. There is as much diversity in trees as there is in white folks. The planter of small trees cannot tell how they will develop in later years, and if an avenue or parkway is to be planted, and look well in the time to come, uniformity is essential.

"The writer has in mind a very fine park system in an eastern city, where all the elms used are of the English type, and it was always thought that trimming or pruning brought the uniformity always seen there. It was a revelation, therefore, some few years ago to find that for many years this city had bought all the trees, grafted annually by an English grower from one fine specimen tree. These were nursed along for years until needed in the park nursery, and then planted along newly created boulevards and streets. This is now being done in Illinois, perhaps for the first time, and the prominent planters buy the elms as fast as they can be grown. All are grafted on seedling elms, below the level of the ground, and in two years trees the size of a broom handle can be supplied, all warranted to grow alike in time to come, and be uniform in habit. It may be said in passing that to plant the English or Scotch types of elm in the middle west is a mistake; they grow for a few years, and when valuable specimens might be expected, decadence begins. There is no elm like the American variety, ready to hand,



CASKET COVER BY HOLM & OLSON, ST. PAUL, MINN.

vigorous, hardy and having the added advantage of being at home.

"When a tree attains the age of perhaps 20 years its contour can be easily seen and specimens can be selected that will match and make uniform lines in time to come. These can be moved in winter with surety of their living, and this is being done by many with a guarantee. It is often advised that the tree should be trenched round a year before, and good soil be placed around it to induce the formation of young fibrous roots. There could not be a greater fallacy and more losses will ensue from this treatment than when they are dug, frozen up sufficiently to hold the ball of soil, and then moved to the new location at once, putting good soil around about them, in a hole already made large enough to receive both. There is then only one operation, a major one, it is true, but not so severe a check as the digging up the second time, and the consequent injury to the young roots already made when these should be becoming established in the new soil of the new location.

"As to the freezing, enough is sufficient. A maple can be easily killed, as we found to our sorrow one severe winter, when the frost went down through the ball of soil containing the tree. An elm, however, will stand more without injury, but does not enjoy it, so when a tree is frozen sufficiently to hold the soil at the roots, if it is not possible to move same at once, put plenty of snow over all, or lacking in this, as in some years, put on straw manure to hold it as it was until ready to move. All evergreens can be moved safely in this way, choosing a day when the branches are not frozen, without loss of many roots, but transportation for long distances is not advised, as the freight would be high; however, for moving from one place to another near by, it is the safest way. Only surface rooting trees can be moved, such as elm, maple, ash, or such as make no tap-roots. An oak is difficult unless nursery grown.

"In sections where there is lots of snow, trees are easily loaded on sleds, and travel best this way; there is less liability of the trees being dumped in transit than when on wheels, as often

happens when we have plenty of snow with no frost under it in the ground. This is the case now, and the moving of large specimens weighing 10 or more tons could not be accomplished when they have to be moved from the woods and across open fields. We had a hard experience last winter in moving a fine specimen elm, one that had been sought for two years. It rolled off the wagon five times and had to be reloaded. It took eight horses to draw it on wheels, and all the difficulties were due to the snow keeping the ground soft below.

"In digging trees for removal, it is only necessary to go to the depth of the roots, eighteen inches being usually enough. Then, when frozen enough, cover up to keep from more frost than is necessary, or it will be very hard to pull the tree over with blocks and tackle, and when pulled over, the surplus frozen soil will have to be cut off with axes before loading. This, as before said, will be fatal to a maple, and not good for an elm."

Omaha.

Miss Svoboda, for many years with Hess & Swoboda, has quit the florist business. Lorain Wagner, also connected with this firm, will have to be operated upon and will probably be laid up for a long time. Gretchen Swoboda, daughter of G. Swoboda, is spending the winter in California. John J. Hess received a cablegram, December 23, announcing the death of his brother, Carl, in Switzerland.

Miss Parker, formerly with A. Donaghue, has opened a very attractive flower shop on Sixteenth street and is doing a nice business. She is a hard worker and has the best wishes of the trade. Twenty-five or more years ago Mrs. T. N. Parker was one of the leading florists of this city.

J. W. and E. E. Arnold moved into their new store at Sixteenth and Douglas streets and report good business from the start.

Lewis Henderson is now located in his new establishment at 1517 Farnam street. He says business is most satisfactory.

All local florists report good holiday business. With many, a number of orders had to be turned down.

GRIPPE.

CHRISTMAS TRADE.

As announced in these columns last week, the sales during the Christmas season of 1915 were highly gratifying, as shown by reports from all sections of the country. With few exceptions the volume of business surpassed that of a year previous and in many instances the high sales mark of many years was reached. The condensed reports which follow tell of the holiday season's sales in various sections of the country.

KANSAS CITY, Mo.—With usual prices for the season prevailing the Geo. M. Kellogg Flower & Plant Co. reports business during December, 1915, as being one-third better than for the corresponding period of 1914. Carnations were very scarce. The Christmas spirit seemed to be strong, and the trade which started the first day of Christmas week was good every day. Corsages sold well as did wreaths and there was a good demand for cyclamens and azaleas at good prices. Poinsettias were poor and sold slowly. This firm had 18 extra clerks and helpers in addition to the large regular force. The weather on Friday preceding Christmas was bad and kept part of the shoppers at home, otherwise even with the augmented force in all departments they could not have handled the trade.

FREDERICTON, N. B.—J. Bebbington & Son report the demand for plants during the holiday season of 1915 as far below normal, plants selling at 35 cents and 50 cents having the call and few sales being made over the \$1 mark. The demand for cut flowers, however, was excellent and held the volume of business up to last year's total. Carnations were short of supply and in fact, much of the cut flower stock came from the Boston markets. In bulbous flowers Paper Whites and lily of the valley were the favorites. The weather was unusually mild for the holiday season and stock as a rule was of good quality, although some of the roses showed the effects of travel. In the plant division, azaleas, cyclamens, cherries and primroses were good sellers. The call for palms and ferns was light.

TAMPA, FLA.—Christmas trade did not reach the volume of business of a year ago and the prices were lower is the report of the Tampa Floral Co.

MIDDLETOWN, N. Y.—A fine demand for high-priced plants and basket arrangements and a good sale in cut flowers brought an increase of 20 per cent over last year's figures to Edward Lorentz. Prices were the same as a year previous and the quality of the stock was good. Azaleas arrived too late to have them in on time for Christmas, and this caused an increase in the demand for poinsettias. Christmas trees were scarce, a snow fall of 36 inches in 18 hours making it impossible to bring the cut to market.

COLORADO SPRINGS, COLO.—The increase in the demand for flowering plants and a strong, well-divided demand for cut flowers, which were better in quality than a year ago, were features of the 1915 Christmas trade at the establishment of the Pikes Peak Floral Co. Roses, carnations and violets were in short supply and there was no excess in the bulbous flower line, the quality of which was good. Prices were about the same as last season, and the increase in the volume of business is estimated at about 10 per cent.

LINCOLN, NEB.—More cash, quick sales and ideal weather that was a boon to packing and delivering as well as bringing in the crops, was the way C. H. Frey summed up the Christmas business for 1915. Prices were about the same as last year but the volume of business was 20 per cent greater. Roses, carnations and violets were in short supply. Blooming plants were in heavy demand, an increase of 20 per cent being noted in the retail trade, while the wholesale department sold 50 per cent more than a year ago.

HARTFORD, CONN.—Twenty-five per cent more business with prices about the same as a year ago, with an increased demand for flowering plants and handle baskets arranged with plants, both flowering and decorative, is the summary of John Coombs on the Christmas trade for 1915. Carnations were scarce, as were flowers of the bulbous variety, but there was little call for the latter. The quality of stock was about the same as that offered during the corresponding period of 1914.

DENVER, COLO.—The Park Floral Co. reports an increase in Christmas sales of 30 per cent over similar business in 1914. Prices were about the same and there seemed less disposition among purchasers to argue about prices. Blooming plants in large sizes sold out early but decorative stock moved slowly. American Beauties and carnations were in short supply, and in bulbous flowers there was little call for anything but lily of the valley. There was an increased demand for orchids.

OKLAHOMA CITY, OKLA.—Furrow & Co. report that Christmas business this year was 50 per cent greater than during the corresponding period of 1914. Prices were much better and stock was just plentiful enough to clean up nicely, and the quality was higher by far than is usual at this time of the year. In plants the call for azaleas and cyclamens was 50 per cent greater than in former years. In roses, the red varieties and Ophelia led in popularity.

WASHINGTON, D. C.—G. C. Dalglish reports prices about the same as last year, with cut flowers more than equal to the demand and the volume of Christmas business about the same as in 1914. Roses were extra fine in quality and other stocks fair. Violets were in a glut and were sold on the streets at 25 cents per bunch. Cut flowers did not sell as well as in former years, and the increased demand for flowering plants was noticeable.

DALLAS, TEX.—Christmas sales this year exceeded the expectations of the Lang Floral & Nursery Co. People bought early and late and in consequence the buying extended over a full week and the volume of trade was one-third greater than during the corresponding period in 1914. Azaleas and cyclamens ran short and late orders were unfilled, but more poinsettia plants were disposed of than at any time in the past five years. The quality of the stock was extra fine and better prices were gladly paid both in cut flowers and plants. Stock was plentiful with the exception of violets and orchids. American Beauties were very popular and more were sold than at any Christmas period for several years, and at fancy prices.

KOKOMO, IND.—Miss A. E. Coles, of Coles Flower Shop, could have sold much more cut flower stock had it been available, but with prices about the same as last year the volume of business at her establishment was greater. As to quality, the stock, with the exception of carnations, which were not quite up to standard, was about the same as during the corresponding period last year, while the quality of bulbous flowers was very good. There was an especially lively call for Paper Whites and sweet peas. All small flowers, such as lily of the valley, violets, etc., sold well. There was an increase in the demand for flowering plants. Red ruscus and boxwood, in small bunches, or by the pound moved freely.

PEORIA, ILL.—The conditions of the 1915 Christmas trade as reported by B. Juerjens of the Springdale Cemetery, varied little from those of a year ago. Prices and the volume of business were about the same, and while there was a shortage in some lines of cut flowers the demand for flowering plants was exceptionally good. Business has been very good all during the fall and up to the present time. Chrysanthemums never had a better sale and roses and carnations cleaned up daily.—Cole Bros., the veteran florists of this city, rented an overflow store to display their Christmas plants and sold out. Better azaleas than those they sold could not be found in the United States.

PORTLAND, ORE.—Christmas sales in the period just passed were fully up to expectations, although no records were broken, according to Clark Bros. Prices compared favorably with those of other years, but due to cloudy weather stock was not as good as usual and was short in supply. High priced plants suffered for lack of buyers, medium priced articles having the call. Cut flowers of all kinds sold out clean. There was an abundance of everything in the plant line with the exception of azaleas. A large stock of Maud Dean chrysanthemums helped materially to increase the volume of the sales and Freesia Purity in pots sold readily.

NEW YORK.—Prices and the volume of sales were both better this season as compared with the Christmas trade of 1914, according to Charles A. Dards, Madison avenue and Forty-fourth street. Cut flowers were plentiful and the quality better. American Beauties, orchids and red roses were in increased demand and in the plant section there was a heavy call for the berried and red flowered sorts.

MISSOULA, MONT.—A 50 per cent increase is reported on the Christmas trade this year by the R. & S. Flower Store. Prices were better. The quality of roses received was the best ever seen, but a carload of "pickled" stock which came from Seattle was virtually a total loss.

SAN FRANCISCO, CALIF.—T. F. Taylor reports 1915 Christmas business greater than a year ago by 20 per cent. Retail prices for cut flowers were about the same, but plants sold a little higher than usual. Individual sales ran higher and many of the shops pushed the sale of made up baskets and realized better prices than would have been the case with single plants. The stock was equal to that offered a year ago, and a decided increase in demand for flowering plants was noted, azaleas and cyclamens selling particularly well. By reason of the heavy demand for plants the supply of cut flowers was adequate.

EVANSVILLE, IND.—Geo. H. Blackman, of Wm. Blackman Floral Co., reports Christmas trade for 1915 as being 15 per cent greater than for the corresponding period a year previous. The quality of stock was higher than a year ago and brought better prices. The cut flower supply was short in some lines, especially roses and carnations. The demand for flowering plants was better than usual. Good holly sold well, as did boxwood wreaths for cemetery use. The demand in general seemed to be for something good, and customers seemed willing to pay for quality stock.

COLUMBUS, O.—John R. Hellenthal reports the biggest and best Christmas trade in the history of his establishment. Prices were much better than a year ago and the quality of the stock was about the same. In cut flowers there was a shortage of carnations, roses and violets, with an increased demand for sweet peas. The call for cut poinsettias was very heavy; in fact this flower was the leader in popularity. All plants of good quality sold well at better prices than ever before. Extra large azaleas and poinsettias were in heavy demand and fancy plant baskets found ready sale.

POUGHKEEPSIE, N. Y.—A very good Christmas trade—what might be called a good cleanup, was reported by the Salford Flower Shop. Prices were about the same as a year ago with the exception of violets which sold a little higher, although they were plentiful, as were roses. Carnations, owing to unfavorable weather were scarce. Quality of the cut flower stock could not have been better. Cut poinsettias has a remarkable sale. Baskets of plants and corsage bouquets were in greater demand than ever before and anything in the flowering plant line sold well at good prices.

ASHEVILLE, N. C.—Prices were on a par with those of the 1914 Christmas season, but this year's sales were greater, is the report of E. E. Brown. The demand for flowering plants was about the same as a year ago, but there was a decrease in the sales of palms, ferns, made-up pans and basket arrangements. The quality of the stock was better than last year and fully one-third more cut flowers than were on hand could have been sold had they been available. There were more calls for carnations than all other cut flowers combined.

POMONA, CALIF.—Prices for Christmas, 1915, were a little better than a year ago and there was an improvement of about 15 per cent in the volume of business. The quality of stock also showed some improvement. Plants showed a little improvement in demand over last year.

CLEVELAND, O.—A Graham & Son report a 25 per cent increase in Christmas business as compared with a year ago. Stock was of good quality and the supply was ample to meet all requirements. There was an increased demand for flowering plants.

BANGOR, ME.—Adam Sekinger reports Christmas business for 1915 better than a year ago by 20 per cent, prices being better and the demand for flowering plants nearly double. The supply was adequate and the quality much better than last year, with a marked increase in the call for roses. In plants, anything with a bright blossom sold at good prices, with azaleas first in popularity and begonias next.

BLOOMINGTON, ILL.—According to Washburn & Sons, there was an increased demand for flowering plants this year as compared with the Christmas trade of 1914, but the volume of business was about the same and there was little variance in prices. Carnations were short of supply, but there were plenty of yellow and white narcissi. There was no marked increase in the demand for any special flower.

PORTLAND, ME.—L. C. Goddard says that 1915 Christmas business was fully as good as that of a year ago, with plenty of good stock with the exception of carnations and violets and prices about 5 to 10 per cent better. There was a slight falling off in the demand for basket arrangements, but this was offset by an increased call for flowering plants, and on the whole business was satisfactory.

SALT LAKE CITY, UTAH.—D. E. Law reports a 10 to 15 per cent increase over last year's Christmas business with prices about the same. Roses and carnations were in short supply; in fact several thousand more could have been sold. There was a greater call for flowering plants than ever before at the Christmas season, with begonias far in the lead in popularity.

PETERSBURG, VA.—Christmas business for 1915 was 100 per cent better than a year ago. Prices were advanced 25 per cent and the increase in cash sales was noticeable. The quality of stock showed improvement over the Christmas season of 1914. Cyclamens were especially popular and all flowering plants sold much faster than before, according to Wm. S. Young.

TERRE HAUTE, IND.—N. B. & C. E. Stover report trade at their establishment one half larger during the 1915 Christmas period than last year, with prices about the same except in the case of carnations, which were a trifle higher. The demand for flowering plants showed an increase and cut flowers, which were of better quality than a year ago, sold up well.

PROVIDENCE, R. I.—MacNair reports that buying commenced early this year, with usual prices, except in the case of carnations which were higher and at the close of business the day before Christmas the sales were 25 per cent better than a year ago. Cut flower stock of good quality was plentiful and there was an increase in the demand for flowering plants.

JACKSONVILLE, FLA.—Mills, the Florist, reports an increase in sales during the holiday season of 1915 as compared with that of a year ago. Prices were higher and the quality of the stock was good. There was an increased demand for white carnations and white roses, white, pink and yellow seeming to be the colors preferred both in cut stock and plants.

KANSAS CITY, Mo.—With prices ranging from 10 to 20 per cent better than a year ago, the Alpha Floral Co. reports an increase in Christmas sales as compared with the trade of last year. Stock of fine quality was in good supply, with the exception of carnations. There was an increased demand for plants, especially azaleas, cyclamens and poinsettias.

WORCESTER, MASS.—M. W. Reid reports 1915 Christmas business 25 per cent greater than last year, with prices 25 per cent higher. Stock was of about the same quality as that supplied last year. Roses were short in supply and there was an unusually heavy call for the Russell variety. There was an increased demand for flowering plants.

RALEIGH, N. C.—J. L. O'Quinn & Co. report that their 1915 Christmas was double that of a year ago. Roses were higher in price but all other flowers sold at usual figures. All blooming plants were in heavy demand and the supply of azaleas was short of the requirements. The quality of the stock as compared with that of last year was better.

WILMINGTON, DEL.—H. P. Potter reports a 20 per cent increase in the Christmas business over that of a year ago. There was a marked increase in the call for carnations, and these, together with roses and violets, were short of supply. The sale of flowering plants was greater than in former years. Prices were about the same as a year ago.

EAST SANTA CRUZ, CALIF.—A heavy demand for green goods was noticeable in the Christmas trade in this city, more of this stock being shipped from this vicinity to all parts of the country than is usual. Cut flower and plant sales both fell short of the demand that was recorded in 1914. The quality was not quite as good as a year ago.

OGDEN, UTAH.—Higher prices prevailed and stock was poorer in quality than a year ago, but notwithstanding the Christmas trade for 1915 was 25 per cent better than the corresponding period of 1914, according to F. J. Hendershot & Son. There was an increase in the demand for plants and more cyclamens and ferns were disposed of.

PUEBLO, COLO.—G. Fleischer reports a moderate increase in Christmas sales as compared with 1914, with prices advanced about 10 per cent. Flowering plants showed an increase in popularity with cyclamens and small pans of poinsettias in the lead. Holly and greens are on the wane as decorations, being forced out by artificial stock.

ATLANTIC, IA.—Better prices, plenty of stock of good quality and a complete sellout in plants made 1915 Christmas business 15 per cent better than for the corresponding period a year ago. There was a big demand for plant baskets in the smaller sizes and holly wreaths sold well, according to the Atlantic Greenhouses.

LAWRENCE, KAN.—An increase in the demand for flowering plants and a shortage in cut flower stock were noticeable in the Christmas sales for 1915. Carnations were the most in demand. Prices were about the same as a year ago and the volume of business was about equal to other years, according to A. Whitcomb & Son.

TACOMA, WASH.—With a shortage of carnations and roses and prices about the same as last year, the 1915 Christmas sales at the establishment of California Florists, showed an increase of about 25 per cent over the corresponding period last year. The quality of the stock was good and poinsettias and azaleas were favorites.

CINCINNATI, O.—Christmas trade at the establishment of O. H. Hoffmeister was slightly better and prices about the same as last year. Stock was of better quality, with the exception of carnations, which were also in limited supply. There was an increased demand for flowering plants, cyclamens selling especially well.

WATERTOWN, N. Y.—A good call for plants and active trade in baskets were features of the 1915 Christmas trade at the establishment of Fred E. Avery. The sales in cut flowers were satisfactory but there was shortage of roses and carnations. Prices were the same as a year ago but the volume of business was greater.

SPOKANE, WASH.—The volume of Christmas business for 1915 was possibly a little greater than the corresponding period last year is the report of the Hoyt Bros. Co. Stock was of good quality, prices were about the same, the supply was equal to all requirements and there was an increase in plant sales.

HAVERHILL, MASS.—While prices were higher than a year ago and there was an increase in the demand for flowering plants and the volume of business this year was about normal, according to W. F. Abrams. The quality of stock was better than usual and the supply of roses, carnations and violets was limited.

CENTRALIA, ILL.—J. W. Ross Co. reports better prices and a 40 per cent increase in the volume of business during the Christmas season of 1915 compared with that of a year ago. The quality of stock was good and there was a good demand for fancy roses. There was also an increased demand for plants.

SAVANNAH, GA.—Prices and volume of business were on a par with those of the Christmas season a year ago, according to A. C. Oelschig. Roses were in fine crop, but carnations were not so good. There was a good demand for made-up baskets, poinsettias being the leaders in popularity.

NEW ORLEANS, LA.—Abele Bros. report a 25 per cent increase over the 1914 Christmas trade, with an ample supply of good stock at prices about the same as last year, and a good demand for flowering plants. A quantity of pickled stock was noted in the market.

The Late Major Frank Holsinger.

Major Frank Holsinger, Kansas pioneer, an authority on horticulture, one of the organizers of the Kansas State Horticultural Society, and who also served as president and treasurer of that organization, died at his home in Rosedale, a suburb of Kansas City, January 2, aged 80 years.

Major Holsinger was born in Pennsylvania, went to Kansas before the Civil war and located at Lawrence, but at the outbreak of hostilities he returned to his native state and entered the Pennsylvania reserves, being promoted to rank of major during the campaign in Virginia. In 1868, he returned to Kansas and settled on a 160-acre farm at Rosedale, where he lived until recently. He was a candidate for governor in 1900, also a candidate for state senator, and was one of the men who obtained prohibition for Kansas.

Major Holsinger is survived by a widow and six children: Mrs. George Rose, Gerald Holsinger, C. V. Holsinger, George Holsinger, Mrs. Maude Wilson and Miss Edna Holsinger.

EUREKA, CALIF.—C. W. Ward is considering plans for a range of greenhouses to be built here for carnation culture.

DANVILLE, ILL.—Two greenhouses of the Danville Floral Co., each 200 feet long, collapsed under the weight of snow on the glass December 29. The damage to the houses is estimated at \$4,000 aside from the loss of growing stock. Work of rebuilding will begin as soon as the weather permits.

THE AMERICAN FLORIST

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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A small ship launched upon an unknown sea,
 A small seed planted from an unknown tree,
 Such is this strange new year to you and me.
 Whither the vessel goeth
 And how the seed upgrowth
 God only knoweth.
 But sail the ship and plant the seed,
 What's done in faith is done in deed.
 —Old Farmer's Almanac.

McKINLEY DAY is January 29.

RENEW your subscription now.

PANSIES sown this month make sturdy stock for May planting.

CARNATION AKEHURST, as grown by Rolf Zetlitz, Lima, O., is a fine variety with deep pink blooms of large size and excellent stems.

A REPORT has it that Hugh Dickson, of the Belmont Nurseries, Belfast, Ireland, has been awarded the thousand-dollar prize at the Panama-Pacific exposition for the best new rose.

GLASS manufacturers advanced the price 10 per cent January 1 and it is said that the figures in quotations on other lines of greenhouse building materials, iron, lumber, etc., are moving upward.

National Association of Gardeners.

The national cooperative committee of the National Association of Gardeners has issued a communication to local horticultural societies to supply a series of papers on horticultural subjects for discussion at their monthly meetings during the year 1916. The committee announces that this offer is also extended to any other horticultural organization or educational institution and it will be glad to hear from those that would be interested to receive the papers, which will be provided as outlined in its letter. If any of the horticultural societies or clubs have been overlooked and not received a letter, but desire to obtain this service, the committee asks them to communicate with it. The communication follows:

"At the convention of the National Association of Gardeners, held in Boston recently, a number of papers were read which elicited the comment that they were among the best essays ever presented in Horticultural hall of that city. The subjects related to the profession of gardening, country estate management and the young gardener's opportunity in this country. It was proposed that some provision be made to give general publicity in gardeners' circles to the contents of these papers, so, in order to carry out this suggestion, the national cooperative committee has decided to supply a copy of the first of these papers, entitled 'Is Gardening a Profession?' by W. W. Ohlweiler, of Missouri, to the different local societies and clubs, that it may be presented at the January meetings. To all societies sufficiently interested to receive the remaining papers for their succeeding meetings and a paper devoted to a horticultural subject for discussion, if opportunity offers, for each successive meeting following, during 1916, the national cooperative committee of the National Association of Gardeners will be pleased to supply them. This service will be free of any expense to the local societies, the motive for this offer being solely to arouse a greater interest in horticulture and to develop a greater co-operative spirit among those engaged in the profession of gardening. If the offer is accepted, kindly advise M. C. Ebel, secretary, Madison, N. J., at your early convenience, that the name of your organization may be properly recorded to regularly receive the papers."

APPOINTMENTS.

President William N. Craig has appointed the following directors to serve for three years: John W. Everett, Glen Cove, N. Y.; Thomas W. Logan, Jenkintown, Pa.; Robert Cameron, Cambridge, Mass.; James MacMachan, Tuxedo Park, N. Y.; A. Bauer, Deal Beach, N. J.; David Fraser, Pittsburgh, Pa.; George W. Hess, Washington, D. C. To fill the unexpired term of W. N. Craig, to serve until 1918, William J. Kennedy, Chestnut Hill, Mass. To fill the unexpired term of A. J. Smith, to serve until 1917, Thomas W. Head, Lake Forest, Ill. To fill the unexpired term of Theodore Wirth, to serve until 1917, L. P. Jensen, St. Louis, Mo.

The following committees have been appointed by President Craig to serve for the year 1916.

National co-operative committee: W. N. Craig, Brookline, Mass.; Theodore

Wirth, Minneapolis, Minn.; James Stuart, Mamaroneck, N. Y.; Martin C. Ebel, Madison, N. J.

Committee on essays and horticultural instruction: William H. Waite, Rumson, N. J.; Edwin Jenkins, Lenox, Mass.; Arthur Smith, Reading, Pa.; Theodore Wirth, Minneapolis, Minn.; William Downs, Chestnut Hill, Mass.

Committee on meritorious exhibits: William Kleinheinz, Ogontz, Pa.; Alexander Mackenzie, Highland Falls, N. Y.; William Hertrick, San Gabriel, Calif.; Duncan Finlayson, Brookline, Mass.; Albin Martini, Lake Geneva, Wis.

Committee on bird preservation and propagation: L. P. Jensen, St. Louis, Mo.; Robert Williamson, New Canaan, Conn.; Carl N. Fohn, Colorado Springs, Colo.; William Rennie, San Rafael, Calif.; William Reid, Orange, N. J.; A. J. Loveless, Lenox, Mass.

Holland Packing Charges.

We have received the following from the Dutch Bulb Exporters' Association, dated Haarlem, Holland, December 17: "The board of the Dutch Bulb Exporters' Association informs us that it has been resolved, subject to penalty, to invoice in future in wholesale trade charges for cases and packing at cost prices, so that it is no longer allowed to sell 'packing free.' As this was already a general method of business to which sometimes exceptions were made, owing to which ungrounded differences in price occurred, this resolution no doubt will contribute to increase fair trade."

Philadelphia Hotel Rates.

The following is a list of Philadelphia hotels and rates per day issued by the committee on information of the Fourth National Flower Show to be held in that city, March 25-April 2. Fred Cowperthwaite, chairman of the committee, Room 1205 Widener building, Juniper and Chestnut streets, Philadelphia, Pa., will be pleased to give any further information desired upon request.

	Room without bath for 1 person.	Room with bath for 1 person.	Room without bath for 2 persons.	Room with bath for 2 persons.
Hanover	\$.10-1.50	\$1.50-2.00	\$2.00-2.50	\$2.50-3.50
Walton	1.50-2.00	2.00 up	3.00-3.50	3.50 up
Belvue	Str'd'd. 2.50-4.00	3.50-5.00	3.50-5.00	4.50-6.00
Ritz	Carlton.....	3.50-4.00	.....	5.00
Adelphia	.....	3.00	.....	5.00
Cont'l	1.00	1.50-3.00	1.50	2.00-3.50
Stenton	1.50-2.00	2.50	2.50	4.00
Windsor	1.00	1.50	2.00	2.50
Majestic	.....	1.50 up	.....	2.50 up
St. James	.....	2.00-2.50	.....	3.00-4.50
Bingham	1.50 up	2.00 up	3.00 up	3.50-4.00
Colanade	1.00	2.00	2.50	3.50
Greens	1.00-1.50	2.00-2.50	1.50-2.50	3.00-4.00
Vendig	.....	2.00 up	.....	3.00 up

Coming Exhibitions.

[Secretaries are requested to supply any omissions from this list, and to correct any dates that may have been altered since the last advices.]

January 26-27, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 38th and Rockwood avenues, Indianapolis, Ind.

March 7-8, Madine.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammann, secretary, Edwardsville.

March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.

April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eight street, New York.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

Cincinnati, O., January 10, 8 p. m.—Cincinnati Florists' Society, Hotel Gibson. Alex Ostendarp, secretary, 24 East Third St., Cincinnati.

New York, January 10, 7:30 p. m.—New York Florists' Club, Grand Opera House building, Twenty-third street and Eighth avenue. John Young, secretary, 53 W. Twenty-eighth street, New York.

Norwich, Conn., January 10.—New London County Horticultural Society, Buckingham Memorial. Frank H. Allen, secretary, 321 Main street, Norwich.

Rochester, N. Y., January 10, 8 p. m.—Rochester Florists' Association, 95 Main street. H. B. Stringer, secretary, 47 Stooe street, Rochester.

Holyoke, Mass., January 11, 7:30 p. m.—Holyoke and Northampton Florists' and Gardeners' Club. James Whiting, secretary, French Hall, M. A. C., Amherst, Mass.

Newport, R. I., January 11, 8 p. m.—Newport Horticultural Society, Music hall, Thames street. William Gray, secretary, Bellevue avenue, Newport.

Seattle, Wash., January 11, 8 p. m.—Seattle Florists' Club, Henry building, Thos. Wylie, secretary, Holly street, Seattle.

Chicago, January 12, 8:15 p. m.—Gardeners' and Florists' Union No. 10615, 232 North Clark street. Louis Heidtman, secretary, 3641 North Albany avenue, Chicago.

Lenox, Mass., January 12, 7:30 p. m.—Lenox Horticultural Society, Town hall. Lewis Barnett, secretary, care of Allen Winder, Lenox.

Madison, N. J., January 12, 8 p. m.—Morris County Gardeners' and Florists' Society. Edward Reagan, secretary, Morristown, N. J.

Davenport, Ia., January 13, 7:30 p. m.—Tri-City Florists' Club, House of member. Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., January 13, 8 p. m.—New London Horticultural Society. Municipal building. John M. Humphrey, secretary, Municipal building, New London.

St. Louis, Mo., January 13, 2 p. m.—St. Louis Florists' Club, Odd Fellows' Hall No. 2. J. J. Beneke, secretary, 1216 Olive street, St. Louis.

Hartford, Conn., January 14, 8 p. m.—Connecticut Horticultural Society, County building, Trumbull street. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587 care American Florist.

Situation Wanted—Experienced man wants work around greenhouses, store or warehouse. Chicago preferred. Ready for work. Key XX care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 23 years of age, married; six years experience in growing cucumbers in bothouses. Address Key 568, care American Florist.

Situation Wanted—By a young man, single; thoroughly experienced in arranging baskets, care of plants, designing, etc. Call or write C. K. care Wietor Bros., 162 N. Wabash Ave., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about February or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALEXIS POIRON, Bustleton, Pa.

Situation Wanted—First-class rose and carnation grower to take charge of place or large section. Have had charge of some of the best rose and carnation places in the country. State wages paid and full particulars. Open for immediate engagement. Address SIMON HEEMSKIRK, 1529 Arch St., Philadelphia, Pa.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. East preferred. Open for engagement now, or by Feb. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Situation Wanted—Young man seeks situation as foreman or assistant on good private place; can furnish first-class references from Great Britain and America. Has had experience in orchids, roses, carnations, bedding stock, general line of pot plants, fruit under glass, etc. Have been in both commercial and private establishments for the last ten years. Can be well recommended for present place. For references, etc., apply to S. THOMAS, 527 Wood st., W. Lafayette, Ind.

Help Wanted—A man or lady for store, must be first-class in all respects. HESS & SWOBODA, 1415 Farnam St., Omaha Neb.

Help Wanted—Have an opening for ambitious and capable young man as assistant in growing cut flowers; \$55.00 per month with chance for advancement. ALOIS FREY, Crown Point, Ind.

Help Wanted—Florist of experience under glass and able to supervise care of grounds. House commercial. Single man preferred; good wages. Write to OXFORD SANITARIUM, Oxford, Ohio.

Help Wanted—Young man who has had experience in greenhouses to learn retail florist business in Chicago. Splendid opportunity for a single man. Good salary to start. Address Key 592, care American Florist.

For Sale—Second hand pipe, all sizes. Suitable for either steam or hot water. Write us for prices. BAUR GAS CO., Eaton, Ind.

Help Wanted—Two strong young men used to large tree planting, at once. Steady work; \$2.25 per day. P. BACK, E. L. Ryerson's 7 state, Lake Forest, Ill.

For Sale—Three acres of land near Chicago partly planted to peonies and gladioli, and a small greenhouse 20x50 feet, well stocked with miscellaneous plants. Cottage and barn on premises. Good location for a florist or vegetable grower. \$3,100 takes the place and is a bargain. Terms to suit. For further particulars address Key 591, care American Florist.

STORE MAN WANTED.

We desire a competent florist in all branches to take charge of our retail store where a large volume of business is done annually. We desire a man of experience, integrity, of good habits and executive ability. A good position for the right man. Apply, giving age, also at least three references and names of former employers. Photograph to accompany. None but a first class man need apply. L. L. MAY & CO., ST. PAUL, MINN.

OPPORTUNITY

We have an opening for one good rose grower and two assistant growers. Apply at office of

WEILAND & RISCH

154 North Wabash Ave., CHICAGO

FOR SALE

Modern florists' ice-box, one year old, cost \$400. Also three-drawer cash register, cost \$375. For sale reasonable. Act quick.

GEO. WITTBOLD CO.,

L. D. Phone Graceland 1112 739 Buckingham Place CHICAGO, ILL.

FLORIST

The examination for Florist, announced for January 8, 1916, has been postponed by the Illinois Civil Service Commission on account of lack of applicants and will probably be held February 5, 1916. The position occurs in most institutions. Salary \$10 with full maintenance. Open to male residents of Illinois over 21.

Applications must be filed in Springfield before Friday, January 28, 1916.

For application forms and details address the Civil Service Commission, Springfield, Illinois, 50 North 5th Ave., Chicago.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 1/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.85; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

The Trade Directory

FLORISTS, SEEDSMEN AND NURSERYMEN

OF THE

United States and Canada

Latest Edition Issued July, 1915.

Price: \$3.00, postpaid

AMERICAN FLORIST CO.

440 S. Dearborn St.,

CHICAGO



You need it now for names and addresses.

Washington.**EXCEPTIONALLY GOOD BUSINESS.**

Business after the holidays is generally a little quiet, but trade the past week has been exceptionally good, with plenty of good stock which moved at Christmas prices. Everything seemed to meet with ready sale, especially orchids, American Beauties, violets and gardenias. Flowering plants sold well, but the supply was limited and they were small or medium in size.

NOTES.

From remarks made by several managers of local stores the 1915 Christmas business was not the best in years, but prospects for business for the coming season are promising. Everybody in the local trade seems to have orders for luncheons, dances and other social events to be held in the near future.

The Dupont Floral Co., although one of the youngest firms in the trade in this city, has an efficient manager who is always on the job in Elmer Maybury, and is getting its share of the business.

Gude Bros. at present are cutting some extra fine American Beauties; also Radiance, Richmond and Mock roses with stems varying from three and one-half to four and one-half feet in length.

George H. Cook, the Connecticut avenue florist, reports good business with plenty of orders for decorations for dinners and dances, of which he makes a specialty.

J. H. Small & Sons have been kept busy with decorations for the Pan-American delegation which has been in session for the last few weeks.

Wm. Clark & Sons are sending in some extra fine cut poinsettias; in fact, they are keeping the local trade supplied. They are also cutting good Kaiserin roses.

S. S. Pennock-Meehan Co. is still receiving a few chrysanthemums, which find sale before they are taken from the boxes.

Mrs. George C. Shaffer is confined to her home with a severe cold which she contracted Christmas week.

Miss Ballinger, manager for Z. D. Blackstone, has been laid up with the grippe for the past week.

G. C. D.

Detroit.**TRADE HOLDS CHRISTMAS PACE.**

New Year's trade easily maintained the high tide proportions that Christmas established, and like the latter event far exceeded the business of a year ago. A marked characteristic of the unusual business that everyone enjoyed was its sudden development during the latter part of Friday and which continued up to nearly midnight in the stores that were kept open till that hour. The scarcity of flowers that was felt the whole week was accentuated to a serious degree on Friday—great demand developed and the wires were kept warm in all directions in an effort to obtain a supply, even approaching the demand, which was incessant up to and including Saturday. The stock that was available, however, was of good quality and commanded stiff prices. Carnations were much improved in quality during the whole week, but were painfully short of the call. Violets were perhaps more popular for this event than ever before and the shortage of the supply was embarrassing to all the florists. Plants were quite as popular as at Christmas and all that were available sold readily. Some of the florists had extensive orders for decorating for New Year parties, which increased, for them, the trials shared by so many to serve an unprecedented

demand as the year rounded out. Many employes in the trade were taken down during the holidays with illness, which was an added hardship to those on duty. The weather, like that of the week previous, was devoid of intense cold and was a most favorable factor in making the successful result to all.

J. F. S.

Kansas City.**THE CLOSE OF A PROSPEROUS YEAR.**

The local florists are well satisfied with the business of the past week, the sales of the last week of the year proving highly gratifying. In some of the stores the force had to work day and night, preparing decorations and making corsages for social functions, as well as looking after the regular line of business which was more active than was anticipated. A scarcity of stock was feared, but such was not the case although nearly everything in the market cleaned up from day to day. Roses were of extra good quality, American Beauties taking the high mark with other varieties ranging from 10 to 35 cents each. Carnations, stevias, narcissi, lilies, violets, orchids and lily of the valley were of good quality and found ready sale. Pot plants, made up plants and baskets sold well all week.

NOTES.

T. J. Noll & Co. closed the year with a big week's business. Shipping trade as well as local business was very brisk. They handled fine stock in roses, carnations, orchids, lily of the valley, violets, lilies and stevias which sold out daily.

W. J. Barnes had a heavy week's business in funeral work and many orders for New Year's decorations. Pot plants continued to sell and large quantities of cut stock was disposed of. A brisk call for corsages used up

The Wm. L. Rock Flower Co. reports a prosperous year. The closing week was a busy one, with a brisk demand for decorations, funeral work and corsages. Both pot plants and cut flowers sold well.

Samuel Murray's holiday trade was splendid. A big demand for his pot plants was noted and his baskets and artistic corsage arrangements for New Year's entertainments were fast sellers.

Henry Kusik & Co. report a good week, stock cleaning up each day. Business, both local and out-of-town, was very satisfactory. Some splendid stock was noted at their establishment.

A. Newell reports a fine holiday business, and says prospects for business in 1916 look very promising. He had a big demand for plants for New Year's gifts.

Many of the florists pushed the sale of pot plants in place of cut flowers where the latter were high in price, and in this way made good sales and also made a satisfied customer.

Mrs. Juvenal, who was seriously burned by a fire which started in a show window at the Juvenal store, is improving nicely.

James A. Biggour, formerly conducting the florist stand at the Coates House, has filed a petition in bankruptcy.

The Peterson Floral Co. had a brisk trade during the holiday season, plants and corsages selling especially well. A large number of his own grown orchids.

Patrick Larkin had excellent holiday business with a big run on corsages.

E. J. B.

INDIANAPOLIS, IND.—J. T. Brown reports a nice business at his flower store, 916 North Illinois street, opened December 4.

Cleveland.**SUPPLY LIMITED BUT MARKET ACTIVE.**

Receipts continue light on all grades and varieties of stock and the New Year begins with stock very limited, and the demand good. Business between Christmas and New Years was good, the market at all times being active. Orchids sold well both for Christmas and New Years, as did violets, lily of the valley and sweet peas. American Beauties were good stock and cleaned up entirely; in fact, everything in cut flowers was short of the demand. Pink and White Killarney are improving in color and size. Greens were plentiful all the time. Callas and Easter lilies are scarce. Paper White narcissi and stevia are most plentiful but in very good demand. Carnations are still scarce and are bringing top notch prices. A few days of good sunshine, however, will see things entirely reversed, as growers report the plants are full of buds, but the lack of sunshine is the cause of most of the shortage. There has been considerable funeral work lately and the scarcity of short roses and other stock suitable for such work has been keenly felt by those retailers who do most of that class of work.

There will be a banquet and jollification at the Hollenden hotel, Wednesday, January 12, at 7:30 p. m., given by the florists' club for members, florists and their friends. At this banquet all guarantors of the flower show will receive their checks, including dividends. Everybody interested should try and come. Plates, \$1.50 each. Good music, speakers and other entertainment will be furnished.

C. F. B.

State Florists' Association of Indiana.

The annual meeting and exhibition of State Florists' Association of Indiana will be held at the Chamber of Commerce, 28 South Meridian street, Indianapolis, Ind., January 11, at 2:30 p. m. The usual 6 o'clock dinner will be served and through the courtesy of the Indianapolis members of the society the committee in charge of entertainment have arranged for a theater party to follow at Keith's to which visiting members and their ladies will be invited guests. Members are requested to notify H. L. Wiegand, 1610 North Illinois street, Indianapolis, Ind., at least a day before the meeting if they will be present so that proper reservations can be made.

A feature of this meeting will be the competition for the Indiana rose trophy and the Indiana carnation trophy. Entries must be in the hands of the secretary two days before the meeting. The rules governing the competition are ready for distribution. Albert Pettitt is the member in charge. For any further information address or telephone O. E. Steinkamp, secretary, 3800 Rockwood avenue, Indianapolis, Ind.

CHARLOTTESVILLE, VA.—The annual meeting of the Virginia State Horticultural Society will be held in this city, January 12-13.

KENTFIELD, CALIF.—The Richard Diener Co. has filed articles of incorporation with a capital stock of \$25,000 and will grow gladioli, carnations, petunias and pansies on a large tract near here.

CHATHAM, N. J.—The realty holdings of Samuel Lum, florist, were sold December 20 to Elmer King, attorney representing a combination of creditors, by Corra N. Williams, trustee in bankruptcy. The consideration was \$26,050.

Belle Washburn

The Best Red Carnation

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N. Y., January 27th and 28th, First Prize at the Illinois State Fair at Springfield, Ill., Sept. 22nd and 23rd.

It has never been beaten at any exhibition. The color is a most brilliant red. The size of the flower is 3½ inches. Stems 24 to 36 inches long, strong and stiff. We have never had a burst calyx, all flowers grading firsts: and, best of all, it is a constant bloomer, giving a steady run of flowers equal in number to the Enchantress family. It has a spicy odor, much greater than the average Carnation. It comes in full flower by the first of December and then continues steadily throughout the balance of the season.

During the present holiday season the Belle Washburn was shipped everywhere from Texas to Winnipeg and from Denver as far east as Pennsylvania. It sold at the highest price of any red Carnation and the most in demand being the premier red of any variety that was in the Chicago market.

The color is the most brilliant red of any Carnation now in the market. We have grown this variety for five years, it being one of our own seedlings, and we now have 30,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 18 000 devoted to rooted cuttings.

Rooted cuttings now ready for delivery. Price of the rooted cuttings is \$12.00 per 100; \$100.00 per 1000. We will bill 500 at the 1000 rate price. Every cutting guaranteed strong and well rooted.

GRAFTED ROSE PLANTS

Choice young stock in 2½ in. pots ready for delivery in March, carefully selected wood grafted on the best grade of English Manetti.

	100	1000		100	1000
Russell.....	\$14.00	\$120.00	Pink Killarney.....	\$12.00	\$100.00
Rhea Reid.....	14.00	120.00	White Killarney.....	12.00	100.00
Hoosier Beauty.....	14.00	120.00	Killarney Brilliant.....	12.00	100.00
Ophelia.....	12.00	110.00	Richmond.....	12.00	100.00

OWN ROOT ROSE PLANTS

	100	1000		100	1000		100	1000
Sunburst.....	\$7.00	\$60.00	Cecile Brunner,	\$7.00	\$60.00	Shawyer.....	\$7.00	\$60.00

We solicit early orders and would impress the advantages of early grafted stock on all buyers.

BASSETT & WASHBURN

OFFICE AND STORE
178 N. Wabash Ave., CHICAGO, ILL.

GREENHOUSES
HINSDALE, ILLINOIS.

Boston:

DEMAND EXCEEDS SUPPLY.

Business during the past week has been exceptionally good from every point of view. The demand was far ahead of the supply and high prices prevailed. The dark, stormy weather has shortened the shipment of flowers and New Year's business was exceptionally good. Carnations sold readily during the whole week at from \$5 to \$8 per 100. Roses also were in heavy demand, prices running from \$6 per 100 to \$3 per dozen on good commercial grades. Violets also were scarce and sold well at \$1.50 per 100. Freesia has made its appearance as a staple flower and there is a good call for it at \$6 to \$8 per 100. Yellow marguerites and bulbous stock also are in short supply and prices good. The plant trade is brisk, cyclamens, begonias and azaleas being the mainstays.

NOTES.

Some of the finest mignonette seen in the market is grown by Wm. Sim of Cliftondale. The flowers are exceptionally clean and their sturdy growth makes them find a ready market. He is a little off crop on the violets as yet, but those that are coming to the market are of exceptional high quality. Pansies of excellent color and size are also being shipped. His sweet peas, for which he is well known, will be in crop about February 1.

At the December meeting of the Gardeners' and Florists' Club of Boston, the following officers were elected: James Methven, Readville, president; W. J. Patterson, Wollaston, vice-president; W. N. Craig, Brookline, secretary; Peter Fisher, Ellis, treasurer. The executive committee is composed of Peter Miller, W. J. Kennedy, H. H. Bartsch, W. C. Rust and Andrew Rogers.

The inaugural meeting of the Massachusetts Horticultural Society for the year 1916 will be held at 11 o'clock a. m., Saturday, January 8, at Horticultural hall. The business of the meeting will be the hearing of an inaugural address by the president, the report of the board of trustees, the reports of officers, and the reports of the chairmen of the various committees.

C. E. Field, of Montello, is cutting some very fine yellow snapdragon. The flowers are extra large and are borne on spikes three feet in length. He is also cutting some nice yellow marguerites and calla lilies.

McAlpine & McDonald are receiving some fine iris and anemones from Frank P. Putnam, North Tewksbury. Mr. Putnam has been cutting this iris for the past three weeks in large quantities.

M. Penn will move his store directly across the street at number 6 Bromfield street, where he will have more room and better accommodations.

F. L. W.

Tennessee State Floral Association.

The annual convention of the Tennessee State Floral Association, which meets in conjunction with the state fruit growers, nurserymen and beekeepers, will be held in Nashville, Tenn., January 24. Morning, afternoon and night sessions will be held. On January 25 the State Fruit Growers' Association will convene, on January 26 the state nurserymen, and on January 27 the state beekeepers.

G. M. BENTLEY, Sec'y.

RALEIGH, N. C.—The retail department of J. L. O'Quinn & Co., which was burned November 6, is now located at 230 Fayetteville street, in the busiest section of the city.



□ Cyrtomium Rochfordianum.

Dreer's Ferns For Dishes

The best stock we
have ever offered

2¼-inch pots,
\$3.00 per 100; \$25.00
per 1000

HENRY A. DREER
714-716 Chestnut St.
Philadelphia, Pa.

The above prices are for The
Trade only

MISS THEO.

The most prolific Rose Pink Carnation on
the market. Every visitor places an order.
See previous advs.

Rooted cuttings, \$12.00 per 100: \$100.00 per 1000.

LITTLEFIELD & WYMAN
NORTH ABINGTON, MASS.

Ft. Wayne, Ind.

TRADE GOOD DESPITE BAD WEATHER.

The weather on New Year's day—drenching rain and heavy fog, in addition to a heavy fall of snow which was fast thawing—made delivery an almost unsolvable problem, but notwithstanding these conditions, business was exceptionally good. Pot plants were in good demand and boxes of cut flowers met with ready sale. The demand for corsages was also unusually heavy for this holiday and occasioned a stiff call for orchids, sweet peas, violets, lily of the valley and the miniature roses. Several elaborate social functions created a demand for decorations, and these with orders for funeral designs used up stock in considerable quantities.

NOTES.

The Flick Floral Co. reports a record week in sales of flowers, decorative work and orders for funeral designs. This firm is showing some very handsome rhododendrons in pink and white and some large azaleas seen here are a feature. Charles X lilacs, the first to appear in this locality this season are also to be seen at this establishment.

A new flower shop will be opened in the near future by Shelly Aurenty in conjunction with the Aurenty candy shop. Cut flowers and plants will be supplied by the New Haven Floral Co., New Haven, Ind.

Miss Katherine Vesey, after a vacation holiday spent with her father, Judge W. J. Vesey, and relatives, has returned to her studies at Ohio Wesleyan College, Delaware, O.

The Fort Wayne Flower Shop, 828 Calhoun street, which opened last November has discontinued business.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Mrs. Lydia E. Auger, formerly of the Auger Flower Shop, is critically ill at St. Joseph's hospital. H. K.

Oklahoma City.

BEST BUSINESS IN FIVE YEARS.

Several important society events provided lots of work for the florists on the eve of the new year and this, together with the fact that there had been quite a little doing in funeral work immediately following the Christmas trade has tended to make the last week of the year a very busy one. The members of the trade say that business is very satisfactory indeed. Trade conditions in general are better now than they have been at any time during the last five years. Following the usual course of boom towns, this town has for some time been suffering from the results of too much boosting and wild speculating in land values—things got too high and toppled over; everything seemed to fall flat and a dull and quiet period followed. Now however, a sufficient period of time has elapsed for recovery and things are on the move in every direction—money seems easier and much more plentiful, all of which points to a much better year for the florists during 1916, than has ever before been experienced; at least, that is how it looks to the writer. S. S. B.

DORNER'S NOVELTY FOR 1916

New Salmon Pink Carnation NANCY

Color, light salmon pink, a little darker than Pink Delight and a more even color. Blooms are good commercial size, three inches and over, nicely formed and have never shown a bursted calyx. Stems always hold the flower upright. The habit is a quick productive growth and as a producer it stands highest among commercial varieties. Color does not fade. Fragrance is very noticeable. Having an excellent cerise pink and an improved yellow to offer in 1917, we have decided to disseminate the variety NANCY this year (1916). For a light pink that will produce quantities of bloom and is commercially good in every respect, plant NANCY. The stock is limited and orders will be filled in rotation as received. Price, rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

STANDARD VARIETIES OF CARNATIONS AND 1915 INTRODUCTIONS. READY NOW.

	Per 100	Per 1000
Pink Sensation.....	\$6.00	\$50.00
Good Cheer.....	6.00	50.00
Alice.....	6.00	50.00
Matchless.....	3.50	30.00
Yellow Prince.....	3.50	30.00
Champion.....	3.00	25.00
Yellowstone.....	3.00	25.00
White Wonder.....	3.00	25.00
White Enchantress.....	3.00	25.00
Rosette.....	3.00	25.00
Mrs. C. W. Ward.....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00
Benora.....	3.00	25.00

Chrysanthemum Early Frost The Early White Mum. February Delivery. This variety has proven so satisfactory that the demand for stock will be greater than the supply. Place your order now. We have a large stock. Rooted cuttings, \$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.

Cincinnati.

GOOD BUSINESS CONTINUES.

The market continues to be good after the holidays. New Year's business was very good and in some lines, notably American Beauties, orchids, lily of the valley and violets, was much better than Christmas. Shipping business is good. Roses are in good supply and are selling well. American Beauties do not have a very active demand. Carnations, though still scarce, are in a heavier supply than at the last writing. Easter lilies, lily of the valley, violets and orchids are plentiful. Daffodils, narcissi, freesias and Roman hyacinths now comprise the list of small bulbous offerings. Other offerings include stevias, poinsettias, callas, magnificum lilies and pussy willows. Greens are plentiful.

NOTES.

Harry Baer has the sympathy of his many friends in his bereavement over the untimely death of his wife, Katherine. She was asphyxiated by natural gas fumes New Year's eve, while Mr. Baer was busy at Julius Baer's store.

The installations of city officials and municipal and superior court judges called for many flowers, when friends of the officials and judges sent them many floral offerings.

The regular meeting of the florists' society will be held Monday evening at Labold & Newburgh's, 8 West Third street. Refreshments.

C. E. Critchell was the first wholesaler in the market to offer daffodils, freesias and Roman hyacinths this winter. H.

MIDDLETOWN, CONN.—Angelo Crego has purchased the ranges of J. H. Shumway at Berlin, N. Y., and removed them to his establishment in this city.

BEACON, N. Y.—In the Fishkill Standard, under date of December 25, Benjamin Hammond, head of Hammond's Paint & Slug Shot Works of this city, pays tribute to James McCall, for 31 years foreman of that establishment, whose death occurred December 19.

DAYTON, O.—Mrs. Bertha Hendrichs, for 25 years a resident of this city, and who conducted a flower shop here for 20 years, died December 26, after an illness of many months, at the age of 63 years. Her daughter, Mrs. L. D. Johnson, has conducted the business for some time past.

New Carnation ALICE COOMBS (Roper)

A slightly deeper shade of pink than Gloriosa, a lovely color, with large flowers, on fine stiff stems; very popular at the flower stores.

**SPLENDID CUTTINGS: \$ 12.00 per 100
100.00 per 1000**

Send for our 1916 trade list.

The E. G. Hill Co., Richmond, Ind.

OUR CATALOGUE FOR 1916

HAS BEEN MAILED

Trust we have not overlooked any of our patrons.
If not received ask for it.

WE WANT EVERY FLORIST INTERESTED IN
CHRYSANTHEMUMS

TO HAVE A COPY

Elmer D. Smith & Co., Adrian, Mich.

N BROS. CO.

g Distance Phone, **CHICAGO, ILL.**
Randolph 35.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana
Made-up Plants
ots 3 plants in a pot 30 in. high 3.00
specimens, very heavy. \$10.00 to \$12.00.

Kentia Belmoreana			
Single Plants			
4 inch pots.	5 to 6 leaves,	18 in. high	Each \$0.40
\$4.50 per dozen.			
6-inch pots.	6 to 7 leaves.	24 in. high	1.00
6-inch pots.	6 to 7 leaves.	28 to 30 in. high	1.50
7-inch pots.	6 to 7 leaves.	36 in. high	3.00
8-inch tubs.	6 to 7 leaves.	38 in. high	3.50
8-inch tubs.	6 to 7 leaves.	48 in. high	5.00
8-inch tubs.	6 to 7 leaves.	58 to 60 in. high	7.00

Kentia Forsteriana			
Made-up Plants			
7-inch pots.	3 plants in a pot,	28 to 30 in. high	Each \$2.00
7-inch pots.	3 plants in a pot,	36 to 38 in. high	2.50
7-inch tubs.	4 plants in a tub,	38 to 40 in. high	3.00
8-inch tubs.	4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs.	4 plants in a tub,	50 in. high	5.00
8-inch tubs.	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs.	4 plants in a tub,	5 ft. high	8.00
12-inch tubs.	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs.	4 plants in a tub,	6 ft. high	12.00

Kentia Forsteriana			
Single Plants			
6-inch pots.	5 to 6 leaves,	28 to 30 in. high	Each \$ 1.00
6-inch pots.	6 to 7 leaves,	34 to 36 in. high	1.50
6-inch pots.	6 to 7 leaves.	38 to 42 in. high	2.00
8-inch tubs.	6 to 7 leaves.	50 to 54 in. high	5.00
8-inch tubs.	6 to 7 leaves.	5 ft. high	6.00
10-inch tubs.	6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10-inch tubs.	6 to 7 leaves.	6 to 6½ ft. high	10.00

Phoenix Roebelenii	
3-inch.....	\$3.00 per doz.
5 inch pots.....	\$1.00
7-inch pots, 26 in. high, 34 to 36 in. spread.....	2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....	\$5.00 to 7.00

Aspidistra Lurida	
Green, 5 inch pots, 10 to 12 leaves.....	1.00
Variegated, 5 inch pots, 10 to 12 leaves.....	1.50

Dracaena Amabilis	
6-inch pots.....	\$1.00, \$1.25 each

Dracaena Terminalis Rosea	
3 inch pots.....	\$3.00 per doz.
4-inch pots.....	40c each; \$4.50 per doz.
5-inch pots.....	75c each; 7.50 per doz.

Dracaena Godseffiana	
Per doz.....	\$1.00

Dracaena Baptistii	
6-inch.....	each, \$1.25

Dracaena Massangeana	
5 inch.....	75c each

Dracaena Stricta Grandis	
5-inch.....	\$1.00 each

Dieffenbachia Magnifica	
Each.....	50c, 75c, \$1.00

Areca Lutescens	
8-inch tubs, 5 plants in a tub.....	3.00

Miscellaneous Plants

ston, Whitmani and Roosevelt Ferns, Pandanus Veitchii, Crotons, Asparagus Plumosus, Araucarias, Etc. Best Obtainable.

ARAUCARIA ROBUSTA COMPACTA	
Each	\$1.00
ers.....	\$1.50, \$2.00 and 2.50

ARAUCARIA EXCELSA	
Each	\$1.00
ers.....	1.50
ers.....	2.00

FERNS	
Boston, Roosevelt and Whitmani	Each
ot.....	\$0.50
ot.....	.75
pot.....	2.00

PANDANUS VEITCHII	
Each	\$0.35
ot.....	.50

CROTONS.	
finest varieties, beautifully colored and well furnished with leaves to the pot.	Each
ot.....	\$.50
ot.....	\$.75 to 1.00

ASPARAGUS PLUMOSUS	
pot.....	\$2.50 per 100
ot.....	5.00 per 100
in pans.....	\$4.20 per doz.

BEGONIA CININNATI	
3-inch pot.....	15 cents each
4-inch pot.....	\$ 4.00 per doz.
5-inch pot.....	8.00 per doz.
6-inch pot.....	\$ 9.00 and 12.00 per doz.

BEGONIA LORRAINE	
4-inch pot.....	\$ 3.00 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

TABLE FERNS	
Per hundred.....	\$3.50

PRIMULA OBCONICA	
5-inch pot—In bloom.....	per doz., \$3.00

CYCLAMEN	
4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

AZALEAS	
Limited Supply.	
\$1.00, \$1.25, \$1.50, \$2.00, \$2.50, \$3.50 and \$5.00 each	



PANDANUS VEITCHII.

BIG CROP OF ROSES

American Beauties		Per doz.
Extra long stem Specials.....	\$5.00 to \$6.00	
Stems 36 inch.....	4.00	
Stems 24 to 30 inch	2 00 to 3.00	
Shorter lengths .....	.75 to 1.50	

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer		Per 100
Extra long stems	\$12.00	
Good length stems.....	10.00	
Medium stems	6.00 to 8.00	
Short stems.....	5.00	

Cecile Brunner or Sweetheart Roses	
Per bunch of 25 buds.....	75c to \$1.00

Sunburst, White and Pink Killarney and Hillingdon		Per 100
Extra long.....	\$12.00	
Good length.....	10 00	
Medium.....	\$6.00 to 8.00	
Good short.....	5.00	

Carnations		Per 100
All colors	\$5.00 to \$6.00	
Stevia, very fancy, per bunch	\$0.35 to \$0.50	
Valley, per 100.....	4.00 to 5.00	
Paper Whites, per 100	4.00	
Choice Common Ferns, per 1000.....	2.50	
Asparagus and Sprenger, per 100	\$2.00 to 3.00	
Galax Leaves, per 1000.....	1.00	

Sweet Peas, Jonquils and All Other Stock at Market Prices.

We are Growers and Guarantee the Quality of all the Stock We Sell.

BASSETT & WASHBURN

OFFICE AND STORE

GREENHOUSES

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone,
Central 1457.

HINSDALE, ILLINOIS.

Chicago.

STOCK STILL SCARCE.

Stock of all kinds is still scarce and cleans up at an early hour each day at good prices. Business has been very brisk since Christmas and the New Year demand was surprisingly good. Usually one expects dull times and cheap prices right after the holidays, but this does not seem to be the case this year for there has been a steady demand and a brisk market for all the stock that the growers could cut. Carnations especially are scarce and command very good prices. Roses are none too plentiful, and what stock is arriving, is of fine quality and is disposed of early. American Beauty roses are selling well and Mrs. Chas. Russell is also in good demand. Some exceptionally fine Killarney, Killarney Brilliant and White Killarney are seen, but there is no surplus when the day's sales are over. The weather has been ideal for growing purposes the past few days and stock should be more plentiful before the week is over. Sweet peas are arriving in larger quantities, but clean up nicely each day at prices ranging from \$1.50 to \$2 and in some instances as high as \$2.50 per 100. Eastern violets are more plentiful and are selling good at prices from 50 cents to \$1 per 100. California violets are seen in large supply at some of the stores and reached here in good shape, but are not moving any too well. Orchids are in good supply. A few jonquils, freesias and tulips are arriving, but are sold early at good prices, owing to the scarcity of other stocks. Stevias, mignonette, calendulas, larkspurs, daisies, snapdragons, pansies, bouvardias and Romans are among the offerings, but like all the other stock is selling readily. Paper White narcissi have been selling unusually

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

Positively the finest in America

SUPPLIES

Complete line at lowest prices in the country. Replenish your stock now. Try us once—You will buy here always.

Chicago's Largest Dealers in Decorative Greens

well during the scarcity of carnations at \$3 and \$4 per 100. Lily of the valley is none too plentiful and the same holds good for lilies and callas. The retail florists have been very busy with funeral work the past week and taken all in all business has kept up splendidly and what stock is being offered is quickly sold. Green goods of all kinds are plentiful.

NOTES.

Roy Wilcox, with J. F. Wilcox & Sons, Inc., Council Bluffs, Ia., was in the city January 3. He reports a splendid holiday business with a grand clean-up in all lines. His firm is growing the new red carnation Belle Washburn on a large scale and he thinks that it is one of the best varieties introduced in recent years.

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
 Phones: " * 601,

LARGE CUTS

Choice White Killarney, Sunburst and Russell Roses.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
Extra long stems.....	5.00
48-inch stems.....	4.00
36-inch stems.....	3.00
30-inch stems.....	2.00
20 to 24-inch stems.....	1.00
Short stems .....	.75

	Per 100
Killarney.....	\$12.00
White Killarney..	
Killarney Brilliant	
Sunburst.....	
My Maryland.....	
Ophella.....	8.00
Richmond.....	5.00
Milady	
ROSES, our selection.....	\$4.00

MRS. CHAS. RUSSELL	Per 100
Specials	\$20.00
Select	15.00
Medium	12.00
Short	\$8.00 to 10.00
Carnations, fancy	6.00
good	5.00
Harrisii.....per doz., \$1.50 to \$2.00	\$4.00 to \$5.00
Valley	1.50
Violets	
Smilax.....per doz, strings, \$2.00	1.00 to 1.50
Adiantum	
Asparagus, per bunch.....	50c to 75c
Ferns, per 1000.....	\$2.50
Boxwood	per bunch, 25c
Galax, bronze and green...per 1000, \$1.00	
Stevia	1.50 to 2.00
Sweet Peas	1.00 to 1.50
Leucothoe Sprays .....	.75 to 1.00

2,000,000 Feet of Modern Glass

You Can Increase Your Profits and Business

By sending your orders for Beauties, Orchids, Roses, Carnations, Lilies, Valley, Violets, Sweet Peas, Stevia, Narcissus, Mignonette and all other Cut Flowers and Greens to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality
 Speaks
 Louder
 Than
 Prices.

ROSES, VALLEY
 and CARNATIONS
 A Specialty.....

WHOLESALE
 Grower of

GUT FLOWERS

Shipping
 Orders
 Given
 Careful
 Attention

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

Peter Reinberg has placed an order with Weiland & Reisch for 4,000 own root plants of their new rose Champ Weiland, which will be sent out next March. Superintendent Reichling thinks that Champ Weiland is a most promising rose and is particularly impressed with the splendid color, stem

and foliage. He had the opportunity to inspect it growing in the Weiland & Risch greenhouses and thought so well of it that he will devote an entire house to it next season. Orders for carnation cuttings are numerous, according to Felix Reichling, who says that the demand is starting in earlier.

Herman Rogers of the Weiland & Risch store force has returned from Detroit, Mich., where he attended the funeral of an aunt who died last week and left him considerable property in the Wolverine city. Mr. Rogers is well pleased with Detroit and thinks that it is an ideal flower city.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

HEAVY SUPPLY

BEAUTIES--ROSES--CARNATIONS

Finest Obtainable

Our Range of Greenhouses is One of the Three Largest in America.

Current Price List--Subject to change without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney... {	Extra Special.....\$8.00
Pink Killarney... {	Select..... 7.00
Killarney Brilliant.. {	Fancy..... 6.00
Richmond..... {	Medium..... 5.00
	Good..... 4.00

CARNATIONS.

Fancy.... per 100, \$5.00 Good.....per 100, \$4.00

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengeri.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

George Perdikas entertained the employes of his two retail stores with a dinner at the Kuntz-Remmler restaurant on New Year's eve, when every one present had a most enjoyable time. After the feast was over they were all conveyed to their home in a large automobile engaged especially for the occasion. John Propps, who was invited, did not show up, but was excused when it was heard later that he was kidnapped on his way down.

A. Vanderpoel, 4013 Colorado avenue, attended the funeral of Mrs. Annie Vanderpoel, January 4, a relative, who was burned to death December 31, when she dropped a match on some picture frames which she had just painted with banana oil, and instantly caught fire. She suffered great agony for almost 24 hours and the only part of her body that was not scorched was her face, which was not scarred in the least.

John Enders, with Poehlmann Bros. Co., has been obliged to lay off for a few days this week, owing to blood poisoning which set in as a result of handling roses, so Otto W. Frese, who looks after the office end, is giving the boys a lift on the floor during his absence. John Poehlmann, Sr., is still confined to his home and it will be several weeks yet before he will be able to return to the store.

Reinhold Schiller, who is in charge at Schiller's down-town store, is well pleased with the holiday business which exceeded all expectations and which was handled by all new help. Everything went along without a hitch under his able management and a grand clean-up was experienced.

Bassett & Washburn are in good crop with roses and are starting to cut a fair supply of fancy sweet peas. Mr. Washburn is well pleased with the way business is keeping up and there is no question but what the sales in January

will run considerably ahead of those of the same month last year.

Peter Olsem of Pyfer & Olsem reports a splendid holiday trade at their Wilmette retail store, which kept eight salesmen on the jump filling the many orders that were received. A temporary store was opened to handle the trade and most of the stock sold came from their own greenhouses.

A. L. Vaughan & Co. received a shipment of 20,000 California violets this week which reached here in exceptionally good condition. Trade continues to be very brisk at this establishment, and a good supply of freesias is now included in the daily shipments.

J. A. Budlong is cutting a good supply of roses which are in brisk demand and clean up early. Manager Schupp expects to see a scarcity of stock for several weeks to come, especially as far as roses and carnations are concerned.

A 250-H. P. Kroeschell fire and water tube steam boiler is being installed for the new range of greenhouses to be erected for the L. A. Budlong Co. These houses, it is said, will be 600 feet in length and used to produce cut flowers.

Paul Klingsporn is back on duty at the Chicago Flower Growers' Association store after being laid up for several days with a severe cold. He says that their sales for last December show an increase of 100 per cent over 1914.

George Ball of Glen Ellyn is cutting a fair amount of fancy sweet peas which he is consigning to Kyle & Foerster. Mr. Ball has placed an order for a new Studebaker Six, which will be delivered about April.

Chas. Rogers, manager of the Washington Flower Market, says that his Christmas trade was very good, notwithstanding the high prices of cut flowers which were his principal sellers.

U S Budlong's
E Blue Ribbon Valley.

Violets

Roses--Carnations

Calendulas, White and Yellow Narcissus,
Galax, Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

The regular meeting of the florists' club will be held at the Hotel Morrison, Thursday evening, January 6, at eight p. m. Installation of officers will take place at this meeting.

George Pandell, of Ft. Wayne, Ind., was a visitor to the market this week. He says that his holiday trade was the best ever, with roses the principal sellers.

The George Wittbold Co. will close its North Clark street store, after which all the business will be handled at the Buckingham place establishment.

A. J. Stahelin, of Redford, Mich., visited the Weiland & Risch greenhouses January 2 for the purpose of inspecting their new pink rose, Champ Weiland.

Stielow Bros. of Niles Center have placed an order with Kroeschell Bros. Co. for a new fire and water tube high pressure steam boiler.

George Wienhoeber has added a new Studebaker car to his delivery system.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave.,

TELEPHONES: { Central 2571
" 2572
Auto. 48-734

CHICAGO

Beauties-Roses-Carnations-Freesias

Order Here

Current Price List:

Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.		Per doz.	CARNATIONS, common		Per 100	
Long stems		\$5.00 to \$6.00	"	fancy	\$5.00 to 6.00	
36-inch stems		4.00	MISCELLANEOUS.			
30-inch stems		3.00				
24-inch stems		2.50				
20-inch stems		2.00				
18-inch stems		1.50				
MRS. CHAS. RUSSELL.						
Specials		Per 100 \$25.00	Cattleyas per doz., \$7.50			
Select		20.00	Valley \$ 4.00 to \$ 5.00			
Medium		10.00 to 15.00	Violets 1.00 to 1.50			
Short		8.00 to 10.00	Freesias 4.00 to 5.00			
ROSES.			Paper Whites 4.00			
Richmond—Milady—Extra long		Per 100 \$10.00 to \$12.00	Romans 3.00 to 4.00			
" Fancy		8.00	Stevia 2.00			
" Medium		6.00	Lillies per doz., \$1.50 to \$2.00			
" Short		4.00 to 5.00	Mignonette 6.00 to 8.00			
White Killarney	Special	\$10.00 to \$12.00	Callas per doz., 2.00			
Killarney			Fancy	Sweet Peas 1.50 to 2.00		
Killarney Brilliant			Medium	Smilax per doz., \$2.00		
Ward			Short	Adiantum 1.00		
Sunhurst				4.00 to 5.00	Asparagus Strings each, 75c	
Ophelia			Asparagus Plumosus, per bunch 35c to 50c			
Maryland			Fancy Ferns per 1,000, \$2.50			
Roses, our selection		4.00	Wild Smilax per case, 5.00			
			Boxwood per lb., 25c; 50 lbs., 7.50			
			Leucothoe Sprays ..... .75			
			Mexican Ivy ..... .75			

The Chicago Flower Growers Association

WHOLESALE GROWERS OF CUT FLOWERS AND PLANTS

182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Beauties-Roses-Carnations-Violets-Valley-Lilies-Sweet Peas-Etc.

Mrs. Kindler and son Curtis, of the Raedlein Basket Co. have been on the sick list for several days, having contracted a severe cold during the holiday business, which was a record-breaker as far as sales were concerned. Gustav Raedlein managed to weather the gale and kept shop during their absence.

Wietor Bros. are cutting a good supply of fancy White Killarney roses, which are cleaning up quickly each day owing to the large amount of funeral work there is throughout the country. This firm has a large quantity of carnation cuttings in the sand and will, as usual, have a large supply to offer this season.

H. C. Wullbrandt, 5315 West Madison street, had a splendid Christmas and New Year business with a satisfactory increase in sales over 1914. Mr. Wullbrandt has been doing a good

part of his own delivery during the illness of his regular assistant, who is on the sick list.

Wm. Kotsonis, proprietor of the store known as the White House Florist, 140 South Wabash avenue, is enthusiastic over his holiday business, which was the best ever. He is ably assisted at the store by Mrs. Kotsonis, who is a very clever saleslady and designer.

William Homburg has joined the Percy Jones store force, starting Monday, January 3. This house is going to make 1916 the best year in the history of the firm and is losing no time or effort in starting to do so.

Stewart & Berls, 3323 West North avenue, filled an order January 1 for the Justice Chapter of the Eastern Star for 21 artistically arranged baskets of cut flowers, principally roses and carnations.

U S E Budlong's Blue Ribbon Valley.

Miss Grages of the Zech & Mann office force attended the funeral of both of her grandfathers this week, one, January 1, and the other, January 3.

Rudolph Kurowski says that the John C. Moninger Co. booked three local orders for greenhouses as the result of the flower show held in the Coliseum in November.

Will Graham, of Philadelphia, Pa., has accepted a position with the Fleischman Floral Co.

A. T. Pyfer & Co.

Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Weiland & Risch are more than satisfied with the number of orders that they have booked for their new pink rose Champ Weiland for March delivery and if the demand keeps up the way it has been the past month they will soon be hanging out the sold out sign.

Graff & Dresel, 2135 Clybourn avenue, who are operating the old Sam Pearce place, report a brisk demand for funeral work. They are doing a splendid business at their temporary quarters where they expect to be located at least another year.

Robert Northam, George Reinberg's manager, says that he never saw such a tight market after Christmas as there was last week when all available stock sold quickly at whatever prices the dealer was inclined to ask.

Henry Hilmers, 1117 East Forty-seventh street, reports a very satisfactory holiday business. Mr. Hilmers, whose family is in Germany, says he wishes the war was over as he is anxious to joint them there.

Chris Pederson, 58 East Randolph street, reports a splendid Christmas and New Year trade. He is well pleased with his present location and has been quite busy with funeral work of late.

Buchbinder Bros. will furnish the entire set of fixtures including the refrigerator for the new store that Henry M. Hirsch will open at 37 East Van Buren street, February 1.

Harry C. Rowe, whose store was destroyed in the Wabash avenue fire last week, was fully covered by insurance and expects to open up in a new location soon.

Joseph Kohout grows roses exclusively at his range in Libertyville and is now in splendid crop with Killarney, White Killarney, Richmond and Ophelia.

The George Wittbold Co. had an unusually brisk day in their retail department, January 2, when orders were filled for 20 different funerals.

C. W. Johnson, of the Mount Greenwood Cemetery Association, says his carnations, including all colors, averaged nine cents Christmas week.

E. C. Pruner, representing Poehlmann Bros. Co., has disappeared again, which means that he has started out after the 1916 orders.

George Manos, the Union Depot florist, reports the best Christmas and New Year trade he ever had with a satisfactory cleanup in all lines.

Mrs. J. A. Evans, of Richmond, Ind., who has been at the Mercy hospital for an appendicitis operation, returned to her home this week.

George Mohn, who has been with George Wienhoeber the past year, returned to his old position at Vaughan's Seed Store this week.

Frank Hagen is back on the job at George Reinberg's store after a nine-day illness, during which time he lost 14 pounds in weight.

Robert C. Dunkelberger, representing C. A. Boyle, red winter berry dealer at Galien, Mich., called on the trade here this week.

The E. C. Amling Co. offered the first tulips of the season this week, which came from the new Sam Pearce greenhouses.

George Walther, 6310 Normal avenue, says that his three best sellers in roses are Ophelia, Sunburst and Killarney.

Daniel Branch, 313 East Fifty-first street, has returned from Minneapolis, where he attended the funeral of a sister.

S. Malcher, 310 West Division street, has had a good season with a splendid holiday demand for plants.

Miller & Musser are handling a good supply of choice sweet peas from the Frank Felke greenhouses.

R. P. Atwell, of Fort Dodge, Ia., was in the city on business December 31.

Visitor: Lewis H. Wise, Jersey City, N. J.

Minneapolis.

MARKET CLEANS OF DAILY.

The market during the past week has been cleaning up daily and prices were no object if the stock was in sight. Dark weather and the large cut at Christmas caused a shortage in all stocks and even Paper Whites took a jump to four cents with a complete cleanup on New Year's eve. Roses sold at from eight to 20 cents, carnations went as high as 10 cents, and single home grown violets at \$2.50 per 100 were short of the demand.

NOTES.

Oscar Amundson has installed two telephones which can only be used for incoming calls, and finds them a paying proposition, as anyone calling is not told that the wire is "busy" as is often the case in a flower shop where the ladies like to visit over the wire with their friends, especially if it is a "free phone."

Current Price List

ROSES Per 100
 Mrs. Chas. Russell...\$10.00 to \$15.00
 Ophelia 8.00 to 15.00
 Sunburst..... 8.00 to 15.00

Killarney, White Killarney, Killarney Brilliant—

Long.....\$10.00 per 100
 Medium..... 8.00 per 100
 Short..... \$4.00 to 6.00 per 100

Specials billed accordingly.

CARNATIONS, De Luxe, \$5.00 to \$6.00
 Good..... 4.00

Miscellaneous

Lilies.....\$10.00 to \$12.50 per 100
 Lily of the Valley, \$4.00- 5.00 per 100
 Violets, double, \$1.00 to 1.50 per 100
 Sweet Peas..... 1.50 to 2.00 per 100
 Stevia ... 1.50 to 2.00 per 100
 Paper Whites ... 4.00 to 5.00 per 100
 Ferns 2.50 per 1000
 Asparagus.....bunch, 35c to 50c each
 Sprengeriibunch, 25c to 35c each
 Galax \$1.00 1000
 Mexican Ivy..... 75c per 100
 Boxwood.....large bunch, 25c each

Subject to Market Changes.

U S Budlong's E Blue Ribbon Valley.

Crepe Paper for Pot Covers

Per doz. Per 100
 Water Proof (all colors)\$2.00 \$15.00
 Pebbled Pleated (all colors)..... 2.00 15.00
 Special Xmas price list of other supplies mailed free.

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Fine St., ST. LOUIS, MO.

Mention the American Florist when writing

Hugh Will regrets that he could not manufacture stock fast enough to satisfy his trade. He says he feeds his plants enough and even talks to them, but next year will have more of them.

The next meeting of the Minnesota State Florists' Association will be held at the store of Holm & Olson, St. Paul, Tuesday, January 11, at 8 p. m.

Rice Bros. were sold out before the doors opened with the largest amount of orders to fill in the history of their business.

Funerals of several persons of prominence caused a demand for much choice stock during the last few days. Oscar Swanson, it is reported, closed early December 31, being unable to secure any more choice stock.

The L. S. Donaldson Co. had a general clean up. Not a flower was left. All florists report an exceptionally heavy New Year trade.

Tom Rogers is back at the old stand with Oscar Amundson.

Do not forget the dance to be given by the lady florists.

T. C. R.

Chicago Bowling.

Scores in North Chicago League, December 30, 1915, were as follows:

Players	1st Game	2nd Game	3rd Game
J. Huebner	179	162	139
I. Huebner	174	185	137
A. Zech	179	162	178
F. Price	177	163	132
P. Olsem	171	201	196
Totals	880	909	842

ERNE & KLINGEL

30 East Randolph Street,

WHOLESALE FLORISTS
L. D. Phone, Randolph 6578

CHICAGO, ILL.

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue,

Wholesale Florists
Long Distance Phone, Randolph 6784

CHICAGO

John Kruchten Co.

162 North Wabash Avenue,

WHOLESALE FLORISTS
L. D. Phone Central 8016-8017.

CHICAGO, ILL.

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

Mention the American Florist when writing

CORSAGE CORDS

Can be had in all colors. Per Doz. Per Gross
Large size.....\$0.35 \$4.00
Small size......25 3.00
Baby cords..... 1.25

Write or our special Xmas price list of
many other items.

GEO. H. ANGERMUELLER

Wholesale Florist 1324 Pine St., ST. LOUIS, MO.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone: Randolph 2758

Greenhouses: Des Plaines, Ill. Chicago
Store: 162 N. Wabash Ave.

Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

E. A. BEAVEN, Evergreen, Ala.

H. B. KENNICOTT, PRESIDENT

MAX RINGIER, SECRETARY

ESTABLISHED 1883

INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	6 00
.. " 36-in.....	5 00
.. " 30-in.....	4 00
.. " 24-in.....	3 00
.. " 20-in.....	1 50@ 2 00
.. " 18-in.....	1 00
.. Mrs. Chas. Russell.....	1 00@ 4 00
..	Per 100
.. Hoosier Beauty.....	6 00@15 00
.. Killarney Brilliant.....	4 00@12 00
.. Killarney.....	4 00@12 00
.. White Killarney.....	4 00@12 00
.. Richmond.....	4 00@12 00
.. Prince of Bulgaria.....	4 00@12 00
.. Rhea Reid.....	4 00@12 00
.. My Maryland.....	4 00@12 00
.. Mrs. Geo. Sawyer.....	4 00@12 00
.. Milady.....	4 00@12 00
.. Sunburst.....	5 00@15 00
.. Mrs. Aaron Ward.....	4 00@12 00
.. Hadley.....	4 00@12 00
.. Ophelia.....	5 00@15 00
.. Our selection.....	5 00
Carnations.....	3 00@ 6 00
Cattlayas..... per doz.,	7 50
Gardenias..... per doz.,	3 00@ 4 00
Gladioli.....	2 00@ 6 00
Jonquils.....	5 00
Freeseias, Tulips.....	4 00@ 5 00
Lilium Hartii.....	12 50@15 00
Mignonette.....	6 00@ 8 00
Paper Whites.....	4 00
Romans.....	3 00@ 4 00
Stevia.....	2 00
Sweet Peas.....	1 50@ 2 50
Valley.....	4 00@ 5 00
Violets, single.....	1 00@ 1 50
Violets, double.....	50@ 1 00
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Leucothoe.....	75@ 1 00
Mexican Ivy.....per 1000,	5 00@6 00
Plumose Strings.....each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumose Sorays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50;

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN

Wholesale Florists

30 East Randolph St., Chicago
Telephone Central 3284

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

ROOTED CARNATION CUTTINGS.

C. Akehurst—Rose pink.....	100	1000	\$7.00	\$60.00
Alice—salmon shade.....	6.00	50.00		
Siegward.....	6.00	50.00		
Enchantress Supreme—Light Salmon	3.50	30.00		
Philadelphica—Rose pink.....	5.00	35.00		
C. W. Ward—Good rose pink.....	3.00	25.00		
Gorgeous.....	5.00	35.00		

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

HALF SUPPLY AND TOP PRICES.

The feature of the business of the past week was the scarcity of flowers. Although great preparations had been made to have a full supply for Christmas, there were none too many, even for the great demand, and with everything cut clean, the meager shipments that followed were very small indeed and did not begin to meet the demands of this holiday week. There was not a great deal doing, even at that, but the usual extra demand developed for the New Year, and the way in which it was supplied was very unsatisfactory. There is not much heard about the surplus, of late. The greenhouse construction men are burning the midnight oil; there are rumors of some large orders booked or about to be, for extensive glass coverings of certain acreages of sunny soil, that next winter will be blossoming out in the effort to keep the market supplied. Much of the stock seen the past week was not fit to cut—just sent in in answer to the appeals for something. Bad business this—better cut when ready, not before. Poinsettias were in great demand the past week; the stock grown this season was about 25% shy of the requirements. Already there is a scurrying for the plants cut off for stock for next season. A rose that has shown up well the past week is the Killarney Brilliant. It has substance and a splendid color. Russell has also been at her best. Some superb Hadley, that sold as high as 40 cents each, were a feature of this shy market. Carnations were scarce, as were violets; in fact, nearly everything was only in half supply and brought top prices.

CLUB MEETING.

The January meeting of the florists' club was fairly well attended, the attraction being the debate, "Is the Grower or His Agent Entitled to Sell at Wholesale and Retail?" W. H. Taplin was for and Arthur A. Niessen against such practices. Mr. Taplin believed that the grower or dealer was entitled to all there was to be gotten out of the business, every avenue of trade being legitimate, and success depending only on capacity. Mr. Niessen thought a wholesaler or grower who catered for the wholesale market was much better off to confine his efforts to that market; the wholesale commission man had brought the business up to its present high level and he felt sure that if wholesalers would make a bid or try to do a retail business the results would be chaos. The members did not get enthused about the subject, and after the debate, with very few voting, decided in the affirmative. Six new members were elected and 11 proposed for action in February. Posters and display cards for advertising the national flower show were displayed by Mr. Therikildson. They are very effective and beautiful.

NOTES.

Myers & Samtman are making a run on the Polyantha roses. They find a good demand for flowers of this miniature type. Over 50 sorts are having a tryout with them. A very pretty pink of the baby rambler type

Wholesale Flower Markets

BOSTON, Jan. 5. Per 100

Roses, Beauty.....	10 00@40 00
" Killarney Queen.....	2 50@10 00
" White and Pink Killarney.....	2 50@ 5 00
" Double White Killarney.....	1 00@ 6 00
" Killarney Brilliant.....	2 00@ 8 00
" Hadley.....	2 00@10 00
" Cardinal.....	2 00@12 00
" Mock.....	2 00@ 8 00
" Mrs. Chas. Russell.....	2 00@12 00
" Sunburst.....	2 00@ 8 00
" Taft.....	2 00@ 8 00
" Milady.....	2 00@ 8 00
" Ward and Hillingdon.....	2 00@ 6 00
" My Maryland.....	50 @ 5 00
Cattleyas.....	50 00@75 00
Lily of the Valley.....	3 00@ 4 00
Sweet Peas.....	50 @ 1 00
Carnations.....	50 @ 1 00
select.....	1 50@ 3 00

BUFFALO, Jan. 5. Per doz.

Roses, Beauty, special.....	7 50
" " fancy.....	6 00
" " extra.....	4 00
" " No. 1.....	2 50

Per 100

" " No 2.....	6 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Killarney Queen.....	5 00@15 00
" Richmond.....	6 00@15 00
" Sunburst.....	6 00@15 00
" Ward.....	4 00@ 8 00
" Taft.....	6 00@15 00
" Ophelia.....	8 00@15 00
" Francis Scott Key.....	8 00@15 00
" Shawyer.....	6 00@15 00
" Bon Silene.....	4 00@ 5 00
Lily of the Valley.....	4 00
Lilies.....	10 00@12 00
Cattleyas.....	75 00
Carnations.....	3 00@ 5 00
Snapdragona.....	6 00@10 00
Violets.....	1 00@ 1 25
Asparagua Sprengeri.....	35 @ 50
Ferna.....per 1000.....	2 50
Smilax.....	15 00

CINCINNATI, Jan. 5.

Roses, Beauty.....per doz.....	\$1 50@ \$6 00
--------------------------------	----------------

Per 100

" Killarney.....	3 00@ 8 00
" My Maryland.....	3 00@ 8 00
" Richmond.....	3 00@ 8 00
" Taft.....	3 00@ 8 00
Lily of the Valley.....	4 00
Lilium Giganteum.....	8 00@10 00
Asparagua Plumbeus.....per bch.....	25c
Orchids.....per doz.....	6 00@7 50
Carnations.....	3 00@ 4 00
Rubrum Lilies.....	3 00@ 6 00
Double Violets.....	75 @ 1 00
Narcissus.....	75 @ 3 00
Stevia.....per bunch.....	25 @ 35

looks good and is in demand in the stores.

Another good man is going west. Albert Cartledge, late buyer for the firm of Pennock Bros., has resigned his position and will try the Chicago atmosphere for a while. Here is an opportunity for a retail establishment to secure a competent assistant.

Joseph Heacock is very much pleased with the business done by his company, stating that the volume of trade since things started up in the fall has been much greater than they have ever experienced.

John McIntyre, when he sold his wholesale business to Walter Davis, had the western bee buzzing in his bonnet, but has managed to shake it off and is now buyer for the Habermehl force.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. **CATTLEYS, CARNATIONS and LILIES.** One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists 1625 Ranstead St., Philadelphia, Pa.

New York.

NORMAL BUSINESS FOLLOWS CHRISTMAS.

While there was considerable New Year's business in both plants and cut flowers, we cannot say that it was much above the ordinary for a good Saturday. Some of the retailers had a fair business in plants, due largely to the scarcity and high prices of cut flowers, for cut flowers are both scarce and high, and prevailing weather conditions give little promise of immediate improvement. However, we are not finding fault, as a wise man once remarked: "It's a condition, not a theory, that confronts us." In roses, the shorter grades of stock are much in demand and it is a real hardship to some of the retailers that they are so scarce and high. We write this to dispel the idea that everybody in the business is getting rich. There are disappointments, just as there always have been and always will be.

January 3.—The supply of stock is light, and it is no secret that some of the buyers are a little sore on the prices they are paying. However, we comfort them by the assurance that "Old Sol" is coming around and that flowers will be more plentiful in a short time. As a final word, we are pleased to state, that regardless of what may come from other quarters, the growers who ship to this city, and the wholesalers who handle their stock, seemed to us to do the best they could under prevailing conditions. As a rule, the stock arrived in good condition. If prices were high it was because stock was not plentiful. It is a fallacy to blame a grower or a wholesaler for weather conditions. It is also a fallacy to blame an American citizen of German descent for the torpedoing of steamers in the Mediterranean Sea.

NOTES.

A calendar, particularly the first one that arrives, is very welcome and useful. Now comes Benjamin Hammond, Beacon, N. Y., with the first calendar for 1916. Beside being a first rate calendar, it carries on its face some very interesting and useful information about Hammond's Paint and Slug Shot Works, but that is not all. Mr. Hammond quotes General Sherman's famous saying: "War is Hell." That saying may be old, but it is as true today as when it was first uttered. He adds: "The cry of Christianity was, 'On earth peace and good will toward men.'"

Chairman Phil Kessler of the house committee of the New York Florists' Club, gives us this final word. For the meeting on January 10 there will be an array of entertainers that might put Proctor's or Daly's to blush. Look at the program: Wm. Johnson, banjo and guitar; Phil Fisher, guitar; David Manning, violin; Harris Beauchere, mandolin, assisted by Walter Robinson, buck and wing dancer, and W. Schiowsky, baritone. There will also be some tempting eatables and drinkables.

N. Christatos, Sixth avenue and 58th street, who has been in business for 25 years, reports that the past was the best Christmas he has had in all that time. As his store is always well stocked, he is sure to have business.

The next meeting of the New York Florists' Club will be held in the Grand Opera House building, Eighth avenue and 23d street, on the evening of January 10. As this will be inauguration night, there will doubtless be a large attendance.

Relating to a fire in the range of Peter Beuerline, Elmhurst, L. I., mentioned in our last issue, we were slightly in error. The facts are that the ends of two houses were burned out and the heat and smoke practically destroyed about 15,000 paper whites

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

and other narcissi. He had a fine stock of carnations that were not injured. He has a large stock of a cerise pink sport of Enchantress that looks promising.

At the range of John Miesem, Elmhurst, we have noticed a great stock of lilies coming on. He is one of the leading lily growers who ships to this market.

One of our able writers is in error as to the location of C. W. Scott. He is not in Chambers street, but occupies luxurious quarters in the Woolworth building, Broadway and Barclay street.

William P. Ford, who always has something original, is now handling fine stocks of white lilac and Spanish iris.

Livardas & Sarovay have recently opened a neat store at 933 Park avenue. A. F. F.

Buffalo.

UNUSUALLY BUSY HOLIDAY SEASON.

The past two weeks have been of unusual activity with the florists. The entire month of December from our side has been a very busy one. Social functions for debutantes and brides kept many working extra hours to do the necessary work, and then Christmas business, which it is safe to say was never before as good as it was this year. Trade, it is believed, was fully 20 per cent better than last year. The wave of prosperity being enjoyed by all in this country seemed to let the coin of the realm fall the florists' way, and all who purchased seemed imbued with the spirit of generosity this year. The supply of flowers was equal to all demands, with the exception of carnations, red roses (American Beauties excepted) and snapdragons. All varieties of roses were plentiful and of very good quality. Ophelia, Shawyer, Stanley and Killarney were fine. American Beauties never sold as well as this year, and at from \$12 to \$18 per dozen. The other varieties brought from \$3 to \$6 per dozen. Violets, orchids, gardenias and freesias in different arrangements, such as corsages and other bouquets sold well. Sweetheart roses were also in great demand. Good plants sold well and Buffalo had a fine lot of poinsettias, single and in pans. Azaleas, begonias, fine heather, ardisias, cyclamens and primrose basket arrangements and all plants handsomely trimmed were great sellers this year and exceeded last year.

NOTES.

The plant proposition is now a great factor in the flower business, more so with those who have greenhouses in the city and near the residence section. The Wm. Scott Co., Inc., L. H. Neu-



John Young & Co.

Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, 5335 Farragut

beck and S. A. Anderson are very much favored by being in those locations. The display of plants in baskets, which is quite a feature with S. A. Anderson, was more beautiful this year than ever before. The trimming of the basket, the plant, and its general effect was more artistic than in other years. Ardisias and azaleas, with mats and ribbons, were just right and not over done. His immense stock was completely sold out by Christmas eve.

The changing of the municipal affairs in Buffalo to a commission form of government ushered in the New Year with an abundance of orders for the new councilmen, about 9:30 on New Year's day. The city hall looked like a flower store and the outside was lined with the automobiles of the Wm. Scott Co., Inc., Chas. Schoenhut, W. J. Palmer & Son, S. A. Anderson and L. H. Neubeck, showing that all were getting a share of the orders going to the new city officials.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY

Telephone:
 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phones { 1664 } Madison Square, **34 W. 28th St., New York**
 { 1665 }
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No., 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Chrysan-
 themums, Bouvardias, Sweet Peas,
 Asparagus Plumosus Nanus, Smilax
 and Paper White Narcissus.
Send Your Christmas Orders.
 34 Years Experience in the Florist Business.
 Consignments Solicited.

Walter F. Sheridan
 Wholesale Florist
 Telephone Call:
 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and
 Seasonable Flowers.

HORACE E. FROMENT
 WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses,
 Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
 Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
20 Years' Experience.

Buffalo this year bid the old year a
 lively adieu and ushered in the new
 in a royal way. The Iroquois, Lafay-
 ette and Statler hotels were elaborately
 trimmed and every table decorated
 with choice flowers, which also helped
 the florists. Many private tables were
 very elaborately decorated. The clubs
 were also used by several parties,
 which called for decorations this year
 as never before. Taking it from all
 points of view the florists had their
 share and Buffalo did herself proud.
 Two or three receptions between
 Tuesday and Friday preceding Christ-
 mas kept W. J. Palmer & Son and S.
 A. Anderson very busy in addition to
 their usual holiday trade.
 Following the last Christmas order
 was funeral work. The death of three
 prominent people, with funerals on
 Sunday, kept all busy after the Christ-
 mas rush.

BISON.

Wholesale Flower Markets

	NEW YORK, Jan. 5.	Per 100
Rosea, Beauty, special.....	50	00@60 00
" " extra and fancy.....	35	00@40 00
" " No. 1 and No. 2.....	15	00@30 00
" Prima Doona, special.....	15	00@30 00
" Alice Stanley.....	4	00@15 00
" Francis Scott Key, special.....	12	00@15 00
" Mrs. Geo. Sawyer.....	4	00@10 00
" White Killarney, special.....	8	00@10 00
" Killarney, My Maryland.....	8	00@10 00
" " special.....	8	00@10 00
" " No. 1 and No. 2.....	3	00@ 5 00
" " Queen.....	4	00@10 00
" " Brilliant.....	4	00@10 00
" Aaron Ward.....	4	00@12 00
" Richmond.....	3	00@10 00
" Sunburst.....	4	00@15 00
" Taft.....	4	00@12 00
" Milady.....	3	00@10 00
" J. L. Mock.....	4	00@15 00
" Hadley.....	4	00@40 00
" Ophelia.....	4	00@15 00
" Mrs. Chas. Russell.....	4	00@15 00
" Hoosier Beauty.....	4	00@15 00
Cattleya Orchids, special.....	40	00@45 00
inferior grades.....	10	00@20 00
Oncidiums.....	per flower, 3c	
Cyrtipedium.....	per doz., \$1.50@2.00	
Lilaea, Logoforum and Harrisii.....	10	00@12 00
Lily of the Valley.....	3	00@ 4 00
Carnations.....	6	00@ 8 00
Bouvardias.....	2	00@ 4 00
Adiantum Croweanum and		
Hybridum.....	50@	75
Asparagus Plumosus.....	doz. bchs.	2 40@ 3 00
Smilax.....	doz. strigis.	1 00
Gardenias.....	per doz.,	4 00@ 5 00
Violets, single.....		1 25@ 1 50
" double.....		75@ 1 00
Sweet Peas, orchid flowered.....		1 50@ 2 00
" common.....		75@ 1 00
Mignonette.....	per doz.,	50c@75c
Pansies, cut.....		1 25@ 2 00
Narcissus, Paper White.....		3 00@ 4 00
Tulips.....		3 00@ 4 00
White Lilac.....	per bunch,	\$1.00

United Cut Flower Co., Inc.
 WHOLESALERS
111 West 28th St., New York
 Telephones: Farragut { 4422 }
 { 4423 }
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other
 best products of the leading growers.
 Consignments solicited.

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
 WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.
The Kervan Company
FRESH CUT EVERGREENS
 and Mosses. Decorating Material for
 Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
 WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.

M. C. Ford
121 WEST 28th STREET
NEW YORK
 Tel. 3870-3871 Farragut.
 The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the
 market can always be relied upon.

Geo. C. Siebrecht
 WHOLESALE FLORIST
109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED





GET ACQUAINTED WITH
**ARNOLD'S SPECIAL
PARCEL POST AND EXPRESS BOXES**



THEY INSURE SAFE DELIVERY

SPECIALS

BASKET BOXES.

This Box is made to carry all sizes of Baskets and can also be used for Plants. Made in one piece collapsible style and out of heavy 3-ply moisture-proof stock.

12x12x15.....	\$12.00	per 100
15x15x20.....	20.00	per 100
18x18x25.....	29.00	per 100
19x19x30.....	33.50	per 100

FOR EXPRESS SHIPMENTS.

The boxes listed below have met with great favor among the trade in general. Made from a heavy three-ply paraffined container board, which gives them great strength in addition to their moisture-proof qualities. This is the ideal box for long-distance shipments, as they insure the arrival of your goods in a fresh, uncrushed condition. Include an assortment in your next order. They will satisfy you and your customer.

Cover	per 100	Cover	per 100	Cover	per 100
24x 5x4.....2 1/2	\$ 4 50	30x12x6.....3	\$15 50	30x30x 9.....4	\$31 00
30x 5x4.....2 1/2	5 00	36x12x6.....3	17 75	26x17x10.....4	22 00
24x 8x4.....2 1/2	5 75	36x14x8.....3	20 00	24x20x10.....4	22 00
28x 6x4.....2 1/2	6 00	40x14x8.....3	21 00	24x24x10.....4	24 00
28x 8x5.....2 1/2	6 50	42x17x8.....3	24 00	28x28x10.....4	30 00
36x 8x6.....3	9 00	24x24x8.....3	24 00		

Write for samples and prices on our full line of Florists' Boxes.

A. A. ARNOLD PAPER BOX CO., 1302-1308 W. Division Street, CHICAGO

Retail Florists



Place Your Business
Before More People

Now is the time to prepare your advertising for January, February, March and April, covering

St. Valentine Day Mother's Day
Easter Spring Planting

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

McNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

Los Angeles.

As predicted the Christmas trade was brisk, to say the least. Many of the florists while hoping for good business, were doubtful, yet there were others who were optimistic. The resulting trade exceeded their expectations. The stock of azaleas was low, but there were plenty of cyclamens, which cleaned up nicely. Poinsettias were much in evidence as were carnations. Roses were plentiful and everything went at good prices. The best of it is, it looks as if business was going to continue good.

NOTES.

Albert Knopf of the Redondo Floral Co. was laid up with la grippe during Christmas week, making extra work for the balance of the force. This company will soon be located at 218 West Seventh street, in the heart of the shopping district, where they expect to build up a still larger trade.

Wolfskill Bros. & Morris Goldensen are showing some especially fine Lady Roses. They are among the finest reds on the market. This firm reports a big Christmas trade.

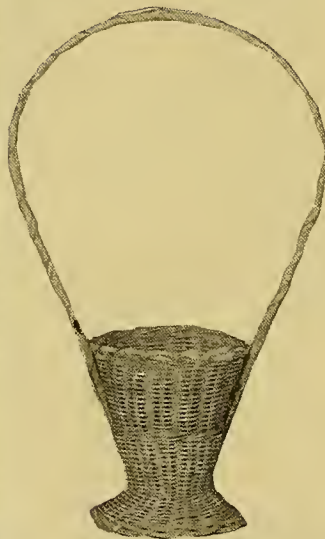
At this writing the nearby mountains are white with snow, giving strong evidence that out-door roses and other flowers will soon receive a setback.

F. Lichtenburg, 324 West Sixth street had a big holiday trade, and since Christmas is keeping a large force working on funeral designs.

O. C. Saake is showing some fine



THIS FINE WIDE
GERMAN REED BASKET



Is A Dandy Seller
Right Now

Assortment of One Dozen

Six different styles
including liners.

\$4.50

A Good Buy—Order Now.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET COMPANY

713 Milwaukee Avenue,

CHICAGO, ILL.

roses of the Willowmere and Hadley varieties from the Turner range at Montebello.

The wholesalers were pretty busy people. They are making more shipments than ever and to a greater distance.

Morris & Snow Seed Co. cleaned up a large stock of ferns and other plants during the holidays.

Darling's Flower Shop, 216 West Sixth street reports the biggest Christmas trade ever.

G. H. H.

WEST PARK, O.—The Riverside Greenhouse Co. has been incorporated with a capital stock of \$35,000.

Southern Wild Smilax

\$2.50 per case.

Natural Moss.....\$1 75 per bag
Perpetuated Mosa..... 3 50 per bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens,
EVERGREEN, ALABAMA

LITTLE ROCK, ARK.—Burglars, who were afterwards captured, entered the flower shop of Paul M. Palez, December 21, and stole money, jewelry and stamps.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Slevers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS, FLORISTS

NEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.
AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

...:FLOWERS:...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

18 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.
Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery. Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

"HOME GROWN FLOWERS" Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



Trade Directory

OF THE

United States and Canada

Price \$3.00 Postpaid.

American Florist Co.,

440 S. Dearborn St.,

CHICAGO

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Member of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

- Alpha Floral Co., Chicago.
- Alpha Floral Co., Dea Moines, Ia.
- Anderson, S. A., 440 Main, Buffalo, N. Y.
- Archias Floral Co., Sedalia, Mo.
- Baumer, August R., Louisville, Ky.
- Begerow's, Newark, N. J.
- Blackstone, Washington, D. C.
- Boland, J. B., San Francisco.
- Bramley & Son, Cleveland, O.
- Breitmeyer's Sons, John, Detroit, Mich.
- Brown, A. C., Springfield, Ill.
- Buckbee, H. W., Rockford, Ill.
- California Florists, Tacoma, Wash.
- Clarke's Sons, David, New York.
- Cooke, Geo. H., Conn. Ave. and L, Washington.
- Cross, Eli, Grand Rapids, Mich.
- Dard's, 44th and Madison Ave., New York.
- Denton Floral Co., Denton, Tex.
- Duerr, Chas. A., Newark, O.
- Duluth Floral Co., Duluth, Minn.
- Dunlop's, 8 and 10 W. Adelaide St., Toronto.
- Eyres, 11 N. Pearl St., Albany, N. Y.
- Frauenfelder, G., Chicago.
- Freeman, Mrs. J. B., Toledo, O.
- Frey, C. H., Lincoln, Neb.
- Frey & Frey, Lincoln, Neb.
- Friedman, Chicago.
- Furrow & Co., Guthrie, Okla.
- Furrow & Co., Oklahoma City, Okla.
- Galvin, Thos. F., Inc., Boston, Mass.
- Galvin, Thos. F., Inc., New York.
- Gasser, J. M., Co., Cleveland, O.
- Graham, A., & Son, Cleveland, O.
- Grand Rapids Floral Co., Grand Rapids, Mich.
- Grimm & Gorly, St. Louis, Mo.
- Gude Bros., Washington.
- Hardesty & Co., Cincinnati, O.
- Heinl & Son, J. G., Terre Haute, Ind.
- Henderson, Lewis, Omaha, Neb.
- Hess & Swoboda, Omaha, Neb.
- Hollywood Gardens, Seattle, Wash.
- Holm & Olson, St. Paul, Minn.
- Johnston & Co., T. J., Providence, R. I.
- Joy Floral Co., Nashville, Tenn.
- Keller's Sons, J. B., Rochester, N. Y.
- Kerr Floral Co., Robt. C., Houston, Tex.
- Kottmiller, New York.
- Lang Floral & Nursery Co., Dallas, Tex.
- Lange, A., 25 E. Madison St., Chicago.
- Leborius, J. J., Duluth, Minn.
- London Flower Shop, Ltd., Philadelphia.
- Mangel, Chicago.
- Matthews the Florist, Dayton, O.
- Matthewson, J. E., Sheboygan, Wis.
- May & Co., L. L., St. Paul, Minn.
- McConnell, Alex., New York.
- Metairie Ridge Nursery Co., New Orleans, La.
- Murray, Samuel, Kansas City, Mo.
- Newell, A., Kansas City, Mo.
- Ostertag Bros., St. Louis.
- Palez, Paul M., Little Rock, Ark.
- Palmer, W. J., & Son, Buffalo.
- Park Floral Co., The Denver, Colo.
- Philips Bros., Newark, N. J.
- Pikea Peak Flo. Co., Colorado Springs, Colo.
- Podesta & Baldocchi, San Francisco.
- Portland Flower Store, Portland, Me.
- Randolph & McClements, Pittsburgh, Pa.
- Reuter's, New London, Conn.
- Reuter's, Norwiche, Conn.
- Reuter's, Westerly, R. I.
- Rochester Floral Co., Rochester, Minn.
- Rock, Wm. L., Flower Co., Kansas City.
- Rye, George, Ft. Smith, Ark.
- Schiller the Florist, 2221 W. Madison St., Chgo.
- Schling, Max, 22 W. 59th St., New York.
- Smith & Fetters, Cleveland, O.
- Small & Sons, J. H., New York.
- Small & Sons, J. H., Washington, D. C.
- Smith Co., A. W., Pittsburgh, Pa.
- Smith, Henry, Grand Rapids, Mich.
- Stumpp, G. E., M., New York.
- Trepeh, Joseph, Brooklyn, N. Y.
- Walker Co., The F., Louisville, Ky.
- Whitted Floral Co., Minneapolis, Minn.
- Wittbold, G., Co., 737 Buckingham Pl., Chicago.
- Wolfskill Bros. & M. Goldenan, Los Angeles.
- Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing



WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park J. A. VALENTINE, Floral Co. President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Little Rock, Ark.

PAUL M. PALEZ FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Washington, D. C.

Blackstone

14th and H. Street.

Brooklyn, N. Y.

JOSEPH TREPPEL

334 Lewis Ave., Telephone No. 1310 Bedford

Six Up-to-date stores in the City of Brooklyn—We give personal attention to your orders and guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.
WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL
Park Avenue and 34th Street



Main Phone, Murray Hill, 783
Branch " " " " 1808

426 Madison Ave.
And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

Mention the American Florist when writing

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Brooklyn, N. Y.—Joseph Treppe.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Fraenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Witthold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardeaty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Eli Cross.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Philips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metallic Ridge Nursery Co.
- New York—Dard's, 44th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sons.
- New York—Kottmiller.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Rochester Floral Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Mattheawaon.
- Springfield, Ill.—A. C. Brown.
- St. Louis, Mo.—Grimm & Gurlly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—L. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Helul & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackstone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Wheatley, R. I.—Reuter's.

New York.

Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

San Francisco

Podesta & Baldocchi

224-226 Grant Avenue

Mail or telegraphic orders promptly and most carefully executed.

Kansas City, Mo.



Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

St. Louis, Mo.

Wire or Phone Your Orders to the
HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West
Jefferson and Washington Ave.

Albany, N. Y.

EYES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Toronto, Can.

Canada's best known and most reliable florist

Only the Best Dunlop's

8 and 10 West Adelaide Street,

We deliver anywhere in Canada and guarantee safe arrival.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave.

BOSTON 1 Park Street

799 Boylston Street

Deliveries to Steamers and all Eastern Ports.

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail
Members Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



222-2223 W. Madison St.
CHICAGO.

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.

**J. B. KELLER SONS,
FLORISTS**

25 Clinton Avenue, N.

Rochester Phone, 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Houston, Texas.

**Robt C. Kerr
Floral Co.**

Main and McKinney Phone, Preston 160

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Hehl)

336 Superior St., Toledo, O.
Both Phones, 527.

Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

Eli Cross

Orders properly cared for.

Member Florists' Telegraph Delivery.

DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

DULUTH, MINN.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

St. Louis, Mo.

WIRE

Grimm & Gorly

**KANSAS CITY,
MISSOURI.**

**Rock's
FLOWERS**

Members Florists' Telegraph Delivery Ass'n

CHICAGO

Engel
The
Palmer House
Florist
17 E. MONROE ST.

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"

The Plaza, Ft. Smith, Ark

Springfield, Ill.

A. C. Brown

217 South Fifth Street
Springfield, Ill.

Mail and telegraph orders given prompt attention

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1814 Douglas St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisians, New Mexico. No Orders too large, none too small.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.

Members of The Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice.
Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Telephone 1813 Main

JOS. LEVY

BROOKLYN

Cut Flower Market, Inc.

Floral Designs a Specialty

356 FULTON STREET

BRANCH: 408 Fulton St.
BROOKLYN, N. Y.

Portland, Maine.

**Floral Designs and
Choice Cut Flowers**

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem
Beauties Our Specialty.

Los Angeles, Calif.

**Wolfskill Bros. and
Morris Goldenson**

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan.

Orders will be carefully
oared for by

HENRY SMITH

Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS will fill your orders
for Designs and Cut Flowers in Michigan

Mention the American Florist when writing

Rockford, Ill.

H. W. BUCKBEE.

Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Trade Directory

Price \$3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Vaughan's Flower Seeds for Early Sowing



10 Per Cent Special Cash Discount.—On orders over \$2.00 for Flower Seeds if the cash is enclosed. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent.
Our Florist Catalog is now in the printer's bands and a copy will be mailed in a few days.

BEGONIA—Continued.

	Trade pkt.
Berna, foliage dark, flowers bright carmine red, $\frac{1}{8}$ oz., \$1.50.....	.25
Erfordia, rosy carmine, $\frac{1}{8}$ oz., 75c.....	.25
Erfordia Grandiflora Superba.....	.25
Double Tuberous Rooted, best mixed.....	.25

BELLIS.

	Trade Pkt.	Oz.
Vaughan's Mammoth Mixture.....	\$0.25	\$2.00
Mammoth, White, $\frac{1}{8}$ oz., 35c.....	.25	2.40
Mammoth, Pink, $\frac{1}{8}$ oz., 35c.....	.25	2.40
Longfellow, dark pink.....	.15	1.50
Snowball, double white.....	.15	1.50
Monstrosa, new giant double white, $\frac{1}{8}$ oz., \$1.00.....	.25	
Monstrosa, new giant double pink, $\frac{1}{8}$ oz., \$1.00.....	.25	
Turban, best double red.....	.25	

CANDYTUFT.

Giant Hyacinth-Flowered, Extra selected stock, lb., \$5.00.....	.15	.50
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CELOSIA.

Cristata (Coxcomb): Dwarf President Thiers.....	.25	2.00
Dwarf Empress, crimson.....	.25	2.40
Dwarf Fire King.....	.25	4.00
Centaurea Gymnocarpa.....	.10	.60
Candidissima, 1,000 seeds.....	.50	4.00
Cobaea Scandens, Purple.....	.10	.40
Scandens Flore Alba, White.....	.10	.80
Coleus, Vaughan's Rainbow Mixture, $\frac{1}{8}$ oz., 75c.....	.25	
Extra Choice, large leaved, mixed, $\frac{1}{8}$ oz., \$1.00.....	.25	
Large-leaved, Copper-colored.....	.25	
Lacinated and fringed, $\frac{1}{8}$ oz., \$1.00.....	.25	
Cyperus Alternifolius, Umbrella Plant.....	.15	1.00
Dracaena Indivisa Lineata.....	.10	.40
Indivisa, lb., \$3.50.....	.10	.30
Indivisa Latifolia.....	.10	.50
Australis.....	.10	.50
Echeveria (Hen and Chicken), mixed, 1,000 seeds, \$1.00; Metallica, 1,000 seeds, \$3.00; Secunda Glauca, 1,000 seeds, \$2.00.....		
De Smetiana, 1,000 seeds, \$1.50.....		
Grevillea Robusta.....	.10	.50
Heliotrope, Mammoth Flowered, mixed.....	.25	1.50
Ipomoea, Moonflower, white seeded.....	.10	.50
Noctiflora, black seeded.....	.10	.40
Giant Pink.....	.10	.40
Lantana Hybrida, mixed.....	.05	.30
Bruant's New Dwarf Hybrids, mixed.....	.10	.40

LOBELIA.

Bedding Queen, $\frac{1}{8}$ oz., 25c.....	.15	1.50
Firmament, $\frac{1}{8}$ oz., 40c.....	.15	
Crystal Palace Compacta, true.....	.15	1.25
Speciosa, dark flowers and foliage.....	.10	.50
Emperor William.....	.10	1.00
Gracilis, blue.....	.05	.50
Hamburgia, $\frac{1}{8}$ oz., 40c.....	.25	
Hybrida Sapphire, best for hanging basket.....	.25	
Heterophylla Major, clear blue.....	.15	1.50
Lophospermum Scandens.....	.20	1.25

MIGNONETTE.

True Machet, Vaughan's Selected Stock, $\frac{1}{8}$ oz., 40c.....	.10	.75
Mimulus, Musk Plant.....	.10	1.25
Myosotis, Vaughan's Early and Late Flowering.....	.15	.80

PANSY.

Vaughan's International Mixture. The World's Best, oz., \$10.00; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{8}$ oz., \$1.50; Trade Pkt., 50c.
Vaughan's Giant Mixture. Oz., \$4.00; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{8}$ oz., 60c; Trade Pkt., 25c.

PETUNIAS.

Single Large Flowering Sorts.	
	Trade Pkt.
Large-Flowering, finest mixed, $\frac{1}{8}$ oz., \$1.80.....	\$0.25
Fringed, mixed, extra choice, $\frac{1}{8}$ oz., \$1.80.....	.25
Giants of California, true, $\frac{1}{8}$ oz., \$2.00.....	.25
Ruffled Giants, mixed, $\frac{1}{8}$ oz., \$2.00.....	.75
Triumph of the Giants.....	.50
German Empress, Giant flower, bluish white, veined purple.....	.35
King Edward, Deep blood-red with white center.....	.35
Balcony Queen, Rich velvety violet with white blotches.....	.35
Vaughan's Best Mixture of Large-Flowering Single Petunias. Trade Pkt. (1,000 seeds), 50c; 3 pkts. for \$1.35.....	
Large Double-Flowered Sorts.	
Double Large-Flowering, extra choice mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.	
Double Large-Flowering, Fringed, best mixed, 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 500 seeds, 65c; 1-64 oz., \$3.25.	
Double-Fringed Perfection, 10,000 seeds, \$12.00; 1,000 seeds, \$1.50; 500 seeds, 80c.	
Vaughan's Special Mixture Double, extra choice, 1,000 seeds, \$1.50; 500 seeds, 80c; 1-64 oz., \$4.00.	

	Trade Pkt.	Oz.
Pyrethrum, Parthenifolium Aureum, Golden Feather.....	.10	.25

SALVIA SPLENDENS.

Clara Beöman.....	.25	2.00
Drooping Spikes.....	.25	2.00
Fireball, $\frac{1}{4}$ oz., 75c.....	.35	3.00
Zurich.....	.35	3.00
Grandiflora.....	.20	1.40

STOCKS.

Double Large - Flowering, Dwarf, German 10 weeks. Canary Yellow, Dark Blue, Crimson, Brilliant Rose, Light Blue, Blood Red, White, Flesh, Each of above	.25	2.00
Extra choice mixed.....	.25	1.75
Giant Perfection or Cut and Come Again. Sky Blue, Light Blue, Flesh, White, Dark Blue, Canary Yellow, Pink, Scarlet, Each of the above.....	.25	2.50
Thunbergia, mixed.....	.10	.50
Torenia Fournieri Grandiflora, $\frac{1}{8}$ oz., 40c.....	.10	
Vinca Rosea, mixed.....	.10	.60
Rosea pink.....	.15	.60
Rosea Fl. Alba, white with pink eye.....	.15	.60
Rosea Alba Pura, pure white.....	.15	.60

VERBENA.

Defiance, brilliant scarlet.....	.15	1.00
Firefly, brilliant scarlet, white eye.....	.25	2.00
Hybrida Gigantea.....	.25	2.00
Mammoth, mixed.....	.10	.90
Mammoth, White, extra choice.....	.15	1.00
Commandant Marchand, purple.....	.25	3.00
Mammoth, Purple shades.....	.10	.90
Mammoth, Striped on red ground.....	.15	1.50
Mayflower, beautiful pink.....	.15	1.25
Vaughan's Best Mixture of Verbena. Trade pkt., 25c; $\frac{1}{4}$ oz., 50c; oz., \$2.00; 2 ozs., \$3.50.		

PANSY—Vaughan's International Mixture.

AGERATUM.

	Trade Pkt.	Oz.
Imperial Dwarf, Blue.....	\$0.10	\$0.40
Imperial Dwarf, White.....	.10	.40
Blue Perfection.....	.10	.60
Little Blue Star, $\frac{1}{8}$ oz., 60c.....	.15	
Princess Victoria Louise.....	.10	.40

ALYSSUM.

Maritimum, Sweet Alyssum.....	.05	.15
Vaughan's Little Gem, extra fine strain, lb., \$6.00.....	.10	.60

ANTIRRINUM.

Golden King, yellow.....	.10	.50
Queen Victoria, pure white.....	.10	.50
Silver Pink, $\frac{1}{8}$ oz., 50c.....	.15	
Venus, apple-blossom pink.....	.15	.80
Delicate Pink.....	.10	.60
Vaughan's Special Mixture.....	.10	.60

ASPARAGUS.

Plumosus Nanus. Northern Greenhouse Crown. Per 100 seeds, 50c; 250 seeds, \$1.00; 1,000 seeds, \$3.50; 5,000 seeds at \$3.25 per thousand.
Hatcherii. 100 seeds, 60c; 1,000 seeds, \$4.50.
Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, \$3.50.

ASTERS.

Queen of the Market Aster. White, Crimson, Pink, Light Blue, Dark Blue, Silvery Lilac, Scarlet, Flesh, Dark Lilac. Each of the above, $\frac{1}{4}$ oz., 25c; trade pkt., 10c; oz., 80c.
Queen of the Market, best mixed, trade pkt., 10c; oz., 60c.

BEGONIA.

	Trade pkt.
Rex Hybrids, 500 seeds.....	.35
Gracilis Bonfire, flowers lustrous carmine scarlet, metallic brown foliage.....	.20
Luminosa, foliage lustrous reddish brown, flowers fiery dark scarlet, 1-32 oz., \$1.75.....	.25
Mignon, fiery scarlet red, foliage soft dark green, spotted and bordered with bronzy red.....	.25
Prima Donna, large transparent rose flowers, 1-64 oz., \$2.50.....	.25
Vernon, red-leaved and red-flowered, oz., \$2.00.....	.10

Vaughan's Seed Store, 43 Barclay Street, NEW YORK.

31-33 W. Randolph St., Chicago
 803 W. Randolph St., Chicago

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, June, 1916.

TRADE flower seed business is quite active.

CALIFORNIA was favored with liberal rains last week.

ONION SEED demand from truckers is starting briskly.

AN asking price of \$14 per bushel for Refugee wax beans is reported.

THERE has been a sharp advance in the last week on potatoes and big onions.

VISITED CHICAGO: Richard C. McGill, of the McGill Seed Growers' Co., San Francisco, Calif.

THE mild weather, January thaw, of the past week has been bad for onion sets in storage at Chicago.

CHICAGO.—Prices for grass seed on the Board of Trade, January 5, were as follows: Timothy, \$6 to \$8 per 100 pounds.

THE 1916 catalogue of Galloway Bros. & Co., Waterloo, Ia., is notable for two and three color process work on many pages of the book.

GAFFNEY, S. C.—The Kirby Seed Co. has been organized with a capital stock of \$10,000. The directors are A. B. Kirby, D. C. Ross and Maynard Smyth.

SAN FRANCISCO, CALIF.—The partnership between John H. W. Field and E. Milton Tononi of the Bay Counties Seed Co. has been dissolved, the former retiring from the firm.

THE first batch of seed catalogues show a great diversity of opinion as to the value of bean and onion seed. Some onion prices are found to be far below the present wholesale values.

ATLANTIC, IA.—The Nishna Valley Seed Co. has incorporated with a capital stock of \$10,000. The incorporators are D. W. Thayer and F. E. Tharn of Shenandoah and J. W. Cuykendall of Atlantic.

KEOKUK, IA.—The office, elevator and warehouse of the Gate City Seed Co. were totally destroyed by fire December 28. The loss is estimated at \$26,700 by A. M. Davidson, president of the company.

W. W. BARNARD, president of the W. W. Barnard Co., Chicago, who has been confined to the hospital for some time, is said to be improving so that he expects to be able to leave for California about the middle of the month.

SNOW is reported as having fallen December 29 at San Bernardino, Riverside, Redlands and other California points for the first time in 10 years, the depth varying from one to five inches. No serious damage is expected to result from this cold wave, however.

Vegetable Nomenclature.

A meeting of the joint committee on vegetable nomenclature of the American Seed Trade Association and the Vegetable Growers' Association of America was held at the horticultural building of the Ohio State University, Columbus, O., December 30. There were present C. N. Keeney, H. G. Hastings, L. H. Vaughan, of the American Seed Trade Association; Prof. Durst of the University of Illinois, Prof. Johnson of the Virginia Experiment Station, and Prof. Shumacher, of the United States Department of Agriculture. The question of reducing the immense number of varieties of vegetable synonyms was discussed and recommendations on methods of procedure were suggested, to be reported to the various organizations. Some 24 experiment stations have offered their services in testing varieties of vegetables to standardize and reduce confusion resulting from the present multiplicity of names.

European Conditions.

A well informed European seedsman in a letter to an American friend, referring to conditions in Europe, dated November 23, has the following:

"From what information I can obtain from southern France trade conditions are very bad there. Several growers are arrested and their books confiscated by the authorities. Much of the work has to be done by women and children who naturally have no experience whatever and you can imagine yourself that seeds which come from there under such conditions can not be reliable. Our firm contracts annually among other items for a large quantity of onion in southern France and furnishes the stock-seed. The man down there, who controls our growers is also in the war and I do not know yet, if I can get a single grain of seed out of that country, but I doubt it. Conditions are very trying here and one hardly knows what to do. On top of these troubles we have to contend with or steer around all sorts of export regulations, which practically seem to be inaugurated to bring trade over here to a standstill. We surely get our share of the war. With regard to prices in flower seeds I hardly know what to quote. Our stock is very much reduced and I can not guarantee delivery from one day to another."

Cunningham Acquires Seed Store.

J. H. Cunningham, the well known florist, of Delaware, O. has purchased the J. C. Cox seed business, the deal becoming effective the first of the new year. Mr. Cunningham will continue the seed business in the same place on West Winter street and in addition will add a line of cut flowers. Miss Jennie Cox will later open at her residence, 100 North Sandusky street, with her line of cards and small gifts. For the present she will take a much needed rest. With this transfer the

name of another of the long-established business enterprises of the city will be changed. The J. C. Cox Seed Store has been known to residents of Delaware and Delaware county for over a quarter of a century. Mr. Cox established the business 26 years ago and at his death 10 years later, his daughter, Miss Jennie Cox, continued the business with great success, and at this time she desires to express her appreciation of the splendid patronage she has received, and bespeaks for Mr. Cunningham its continuance with him.

Burbank Difficulties.

Luther Burbank, December 29, filed an action against the Luther Burbank Company, of San Francisco, for the collection of two notes aggregating \$9,775 and has notified the concern that he has canceled the contract by the terms of which it was given the exclusive right to sell his products; also that it must not use his name in connection with its transactions. The company has been doing business from its offices at 301 Market street. W. F. Pitts, newly selected manager of the firm, says unless Burbank accepts new terms that will be offered the company will be forced into liquidation, but he hopes to be able to arrange a settlement. Stockholders have been assessed \$2.50 a share for the purpose of raising the money with which to pay Burbank. According to Otto Irving Wise, attorney for Burbank, the latter is the victim of stock pirates. Burbank has no interest in the concern and holds no stock. According to terms of an agreement detailed by Wise the company agreed to pay Burbank \$300,000, of which \$30,000 was to be paid down and the remainder at \$15,000 a year in exchange for the exclusive right to sell his productions. They paid him, says Wise, \$30,000, but no more, and after waiting a year he has brought an action and is preparing another for \$15,000 which will be filed soon.

Directors of the Luther Burbank Company are W. F. Pitts, J. R. Edwards, George U. Hind, of Hind, Rolph & Co.; Harrison B. Harrison, an attorney of Oakland; Dr. E. J. Everand, of Oakland; Dr. J. H. McLeod, of Santa Rosa; R. J. Tyson, of the Seaboard National bank; M. J. Brandenstein and I. W. Hellman are stockholders.

Garner Smith, one of the stockholders, said he had put all his earnings from selling stock back into the concern and \$15,000 additional. Smith says Burbank received \$25,000 in cash and \$75,000 in stock, some of which

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
California



Onion,
Lettuce,
Radish,
Sweet Peas
Etc.
Correspondence
Solicited.

Braslan

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSHIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

Seed Growers

SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54-56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

Watermelon Seed

Send memorandum of requirements from crop 1916, and I will name lowest price,

VELVET BEANS FOR IMMEDIATE SHIPMENT

D. H. GILBERT, Grower,
MONTICELLO, FLA.

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman,
Monticello, Fla.

he used in paying debts. He says the trouble is due to mismanagement.

Pitts says last year's business totaled \$98,000 and that he had planned by strict economy to straighten things out and had just begun to see his way clear.

Louis Vilmorin.

Louis L. de Vilmorin, senior midshipman of the French navy, has just been appointed Chevalier of the Legion of Honour. He has been at the French front since the beginning of the war, commanding a section of auto-guns, and was awarded the war cross in December, 1914. The French official journal says that he has repeatedly and particularly drawn the attention of his superior officers and contributed largely to the success of various military operations. L. L. de Vilmorin is the third of the five Vilmorin brothers now at the front.—Horticultural Advertiser.

Northrup, King & Co. Employes' Dinner.

A New Year's dinner was given at the Minneapolis Athletic Club, Tuesday evening, December 28, by Northrup, King & Co., to their sales force and to heads of departments. The principal event of the evening was the awarding of substantial cash prizes in a contest which has been conducted among the salesmen the last six months. First prize was won by Harold O'Brien, second prize by E. F. Wright, third prize by W. C. Bracken. Twenty-six were present. C. C. Massie was toastmaster and several spoke informally.

(MENU)

- Blue Point Cocktail, Bather Brand Wafers,
- Perkin's Extra Thin
- Cream of Sterling Tomato
- Golden Self Blanching Celery H(e)arta
- Green Plums Lord's Crackers
- Northland Brand Goose, Roasted
- Apple Sauce a la Gossman
- Peep o' Day Corn Frittera, Bush Style
- Early Ohio Potatoes, Prepared (W)right
- Sterling Lettuce
- Heyden's Special Roquefort Cheese Dressing
- Or Dea Marais Dressing
- Toasted Crackers, O'Brien's Best
- Viking Mince Pie, Hot Stuff
- or
- Apple Ple a la Mode
- Coffee, Purity 99.50
- Cigara
- Choice of Three Branda
- Jersey Wakefield, Early Summer or Holland.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P.	Oz.	Crop of 1915	T. P.	Oz.
Ageratum, dwarf blue.....	\$0.05	\$0.30	Lobelia Spectosa.....	\$0.10	\$0.50
Alyssum Little Gem.....	.10	.60	Lobelia Crystal P. Comp.....	.15	1.40
Aster Queen of Market.....	.10	.50	Pyrethrum Aureum.....	.05	.25
Begonia Erfordii.....	.25		Shamrock, Irish.....	.10	
Cobaca Scandens, purple.....	.10	.40	Smilax.....	.10	.25
Dracaena Indivisa.....	.10	.25	Snappdragon, Giant.....	.10	.35
Forget-Me-Not Dissitiflora.....	.25		Stock, Cut and Come Again.....	.25	
Mignonette Machet.....	.10	.50	Stock, Ten Weeks', mixed.....	.25	
Petunia, Calif. Giants.....	.25		Thunbergia.....	.10	.40
Salvia Solendens.....	.15	1.00	Verbena, Mammoth.....	.15	1.00
Salvia Fireball.....	.30		Vinca, mixed colors.....	.15	.60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO
231-235 W. Madison Street,



Giant Pera Cucumber

grown under irrigation by

Western Seed & Irrigation Co.

Seed Growers and Dealers, Specialties:
Cucumber, Musk and Watermelon,
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists
and Market Gardeners

BRUNNINGS

Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

P.O. Box 857, MELBOURNE, AUSTRALIA

Lily of the Valley

Berlin and Hamburg

Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin,
Cucumber, Cantaloupe and Watermelon Seed and
Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDESBORO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato,
Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Bull's Gold Medal

Chelsea Show 1915

AMARYLLIS

The finest strain in Europe in all shades of color from white and rose to deepest crimson.

Small bulbs..... Per 100 £20
 Larger bulbs..... £5 £40
 Strong flowering sized bulbs
 60/- per dozen, £20 per 100

NOW IS THE TIME
 to import in dry bulbs.

—SEND ORDER TO—

William Bull & Sons

Royal Warrant Holders to His Majesty The King
 Establishment for New and Rare Plants

King's Road, Chelsea, London, England

COLD STORAGE

VALLEY

Brun's' Celebrated
 Chicago Market Brand

—AND—

Florists' Money Maker

H. N. BRUNS

3032 Madison Street, CHICAGO

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
 Correspondence Solicited.

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., **ASTERS** and **FLOWER SEEDS** in general; **TOMATO**, **LIMA** and **POLE BEANS**, write

JOHN BODGER & SONS CO.
 Contract Seed Growers
 LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
 Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

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Ask for prices of Seeds (Garden, Farm or Flower) from

KELWAY'S

For present delivery or on contract. Wholesale only.

Special quotations now ready.

Real price catalogues for 1916 ready now.

Langport, - England.

PEDIGREE SEEDS

OUR 1916 CATALOGUE IS READY

WRITE FOR IT NOW

WATKINS & SIMPSON, Ltd.

12 Tavistock Street, Covent Garden, LONDON, ENGLAND.

SIMON LOUIS FRERES & CO.

WHOLESALE SEED GROWERS

Bruyeres-le-Chatel. (Seine et Oise) FRANCE

We are growers of and can offer for immediate delivery as far as unsold, all varieties of

GARDEN, FIELD AND CHOICE FLOWER SEEDS.

Let us hear from you and we will send you prices. We are buyers of BLUE GRASS, TIMOTHY, MEADOW FESCUE, RED TOP, ETC. Correspondence in English

SPECIAL

COLD STORAGE VALLEY

Packed in cases of 500 and 2000.

Best excellent quality.....\$13.00 per 1000

Order Now For Prompt Shipment.

DIETRICH HEYDEMANN, 17 Battery Place, New York

SPIRÆA

Per 100
 Gladstone (White).....\$6.50
 Queen Alexandra (Pink)..... 7.50
 Peach Blossom (L. Pink)..... 7.00

Lily of the Valley

Best quality, 1000 to case, at \$16.60.

ST. LOUIS SEED CO.

The Home of "Pure and Sure Seeds"
 411-413 Washington Ave., ST. LOUIS, MO.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
 Peas and Beans, Michigan Grown.
 Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
 Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
 Established 1883.

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip
 Radish, Beet,

Branches Michigan, Wisconsin and Idaho **MILFORD, CONN.**

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.
 VALLEY, Douglas County, NEB.
 CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
 Sweet, Flint and Dent Seed Corn.

James Vick's Sons
 Seedsmen, Nurserymen, Florists
ROCHESTER, NEW YORK
 Let us supply your wants in Fall Bulbs

S. M. Isbell & Co.,
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 CONTRACT SEED GROWERS,
 Beans, Cucumber, Tomato, Muskmelon,
 Squash, Watermelon, Radish, Sweet Corn.
 Correspondence solicited.

ROUTZAHN SEED CO.
 Arroyo Grande, Calif.
 Sweet Pea and Nasturtium Specialists.
 Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
 Mention the American Florist when writing

Contract Growers Of
 Pepper Tomato Egg Plant Spinach
 Kale Turnip Okra Radish
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Stokes Seed Farms Co., Inc
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Fancy Caladium Bulbs
 12,000 fine well developed bulbs in 40
 named leading sorts, at \$10.00 per 100.
 Delivery January, February.

Tampa Floral Co., Tampa, Fla.
 ANTON FIEBE, Prop.

THE KIMBERLIN SEED CO.
 WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**
 Growers of
ONION, LETTUCE, RADISH, ETC.
 Correspondence solicited.

GARDEN SEED
 Beet, Sweet Corn, Garden Beans, Onion Sets,
 and Seed Potatoes in variety. Also other items
 of the short crop of this past season, as well as a
 full line of Garden Seeds, will be quoted you upon
 application to
S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
 and Orange, Conn.

Tree, Shrub and Palm Seeds
 For the Florist and Nursery trade.
 Send for price list.
GEORGE H. HOPKINS
 Eagle Rock Station, Los Angeles, Calif.



Fill Your Empty Benches Now With GLADIOLUS

We are growers of this stock in quantity and the bulbs we send out for forcing under glass are especially selected for this purpose.

Mrs. Francis King, First Size Augusta, - - - " " America, - - - " " Chicago White, - " " Florist XXX Mixed, " "	Write For Prices and Samples.
---	--

We can also supply "Medium Size" bulbs of the above varieties.

1916 Prices on all leading kinds are ready.

Vaughan's Seed Store CHICAGO NEW YORK

Mention the American Florist when writing

Asparagus Plumosus Seeds

New crop, fresh, lath-house grown.

5,000 or more seeds.....	\$1.30 per 1000
20,000 " "	1.20 "
50,000 " "	1.00 "

Delivered free anywhere in the United States upon receipt of remittance.

McHUTCHISON & CO., THE IMPORT HOUSE **NEW YORK**
 17 MURRAY ST.

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97th Year
J. BOLGIANO & SON,
 Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes
 Growers of Baltimore, Md.
 Pedigree Tomato Seeds

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R. & M. GODINEAU
SEED GROWERS
 Angers, - France
 Specialties: Beets, Mangoes, Carrots, Cabbages,
 Celeries, Parsleys, Parsnips, Turnips.
 Growing Crops Given Personal Attention.

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Henry Fish Seed Co.
 Bean Growers for the
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CARPINTERIA, CALIF.

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Have just received a small surplus of
Japan Grown Freesias and
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 Cold storage GIGANTEUMS always on hand.
 Write for prices.
Yokohama Nursery Co., Ltd.
 Woolworth Bldg., New York City

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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Howard W. Selby, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Next annual convention will be held September, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, January 4. — Mushrooms, home grown, No. 1, 25 to 30 cents per carton; lettuce, cases 30 cents; radishes, 30 cents to 40 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, six baskets, \$2.00 to \$3.25; cucumbers, dozen, \$1.25 to \$1.75.

New York, January 4.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.00 to \$1.25 per dozen; mushrooms, \$1.25 to \$1.75 per 4-pound basket; tomatoes, 10 cents to 30 cents per pound; radishes, per 100 bunches, \$1.50 to \$3.00; lettuce, per dozen, 25 cents to \$1.00.

California Versus Teneriffe Onion.

New York, June 4.—Ever since Bermuda adopted the use of onion seed from the island of Teneriffe, that little island has furnished the bulk of the seed not only for Bermuda, but for the big crops grown in Texas. Half a century ago Bermuda experimented for years on onion seed from every section to find that which could be depended upon each year and finally adopted that from Teneriffe. That little island, which is one of the Canaries, just off the west coast of Africa, has done little else but grow onion seed, especially for the last 10 years. When the first early onions were grown in Texas, the seed came from Teneriffe. Upon the selection of Roy Campbell, as sales manager for the Southern Truck Growers' Association, he went to Teneriffe and contracted for seed for the association for a number of years. It now looks as though the onion growers of the country would not be compelled to depend upon Teneriffe for their seed, as California has demonstrated that it can grow an onion seed which is as true to name and production as that from Teneriffe. In former years, before the contract of the Southern Truck Growers' Association was made with onion seed growers in Teneriffe, the price ran as high as \$6 to \$8 per lb. This made a big expense for the grower, especially those who planted extensively. With Campbell's contracts for the association, the average price was but a little over \$1.50 per lb.

In the Coachella valley of California, all of which is below sea level, experiments were begun over five years ago to produce onion seed for local use. Aggeler & Musser, one of the largest seed houses on the coast, at Los Angeles in 1910 purchased a lot of onions for seed purposes, from which they selected bulbs, discarding all that was off color, and that year grew 1,000 pounds of good seed. All this was sold to California growers, who were aware that this firm had grown the seed and that it was of pure quality. Ever since then, this firm has caused to be grown in the Coachella valley sufficient seed to supply the California trade. For some

reason it was at first averse to sending seed into Texas, because it was not sure that it would produce as it did in California. However, a year ago a representative of the firm went to the Texas onion fields and sold direct to the growers. John R. Davis, former president of the Southern Texas Truck Growers' Association, and one of the largest individual growers in the Laredo districts, purchased 600 pounds of the California seed, refusing, however, to pay for the seed until it was proven that it would produce as well as the Teneriffe seed.

Mr Davis promised to let The News know how the seed produced, but thus far has failed to make a direct report. However, Aggeler & Musser report to The News that the bill has been paid, and that in addition to Mr. Davis, the firm had orders from nearly every grower in Texas who had used the California seed. One grower took 1,500 pounds and others from 25 to 50 pounds each. Others promised to place orders for this seed, but the firm informs The News all of them have not done so. The seed firm grows both crystal wax and the yellows. This year it has more onion seed than it ever had before and it is now placing them with onion growers. In addition to this it is asking the onion growers for orders for the following year, so that the firm can supply itself with sufficient bulbs. This they found impossible to do last year, as the extent of their business was much greater than was expected at the time the bulbs were purchased for seed. The onions for seed purposes must be selected carefully, and for that reason they cost much above the ordinary run.

If onion seed can be grown in California that will produce as good as the Teneriffe seed, it will be a great saving to the growers of the United States. A number of orders for the California seed have been placed for the Imperial valley for 1916, as the yield in that valley this year from the California seed was good. John R. Davis told a representative of The News that if California seed proved what was claimed, he would plant it exclusively for next year's crop. Evidently Mr. Davis has made such a purchase.—The Produce News, June 5, 1915.

FREMONT, NEB.—F. A. Davidson and Elmer L. Nelson will open a flower shop in the Block building.

QUEENS, N. Y.—F. Jellenix, W. A. Herrmann and J. J. Michael have incorporated the Rockaway Floral Co.; capital stock, \$10,000.

SALT LAKE CITY, UTAH.—A new flower shop will be opened by Ernest Lambourne, well known to the trade, at 73 Main street.

SIoux FALLS, S. D.—The remodeled store of the Thomas Floral Co. was the occasion for a formal opening December 18.

JOLIET, ILL.—Heaton Nichols, who recently opened a flower shop in the Adam Arcade, Ottawa street, reports excellent business.

NORTH ADAMS, MASS.—At a recent election, Warren M. Quadland of the firm of Cornelius Quadland & Son was elected councilman by a large majority.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

"Market Gardening"

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasia Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,
440 South Dearborn Street, CHICAGO

Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

ASPARAGUS

Plumosus, 2 1/4-in. pots, \$1.75 per 100; \$17.00 per 1000.

Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Vaughan, Italia, Patry, B. Prince, Bouvier, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.

Obconica Primrose, \$1.50 per 100.

Geraniums, 2 1/4-in. pots, S. A. Nutt and other varieties, \$2.50 per 100; \$20.00 per 1000.

Boston Ferns, from beds, \$15.00 per 100.

Vinca Variegata, 3 1/2-in. pot, \$5.00 per 100.

Coleus, 10 varieties, \$2.00 per 100.

Pansy Plant, Giant flowering, \$2.50 per 1000. — CASH —

JOS. H. CUNNINGHAM
DELAWARE, OHIO

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carotinus Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, \$6.00 per oz., or \$1.75 per 1/4 oz., \$1.00 per 1/8 oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00	\$12.00
6-in. pot.....	6.....	34 to 36.....	1.50	18.00

Made-up Kentia Forsteriana

	In. high	Each
7-in. cedar tub, 4 plants in tub, 36.....	36.....	\$ 2.50
7-in. cedar tub, 4 plants in tub, 36 to 40.....	36 to 40.....	3.00
9-in. cedar tub, 4 plants in tub, 40 to 42.....	40 to 42.....	4.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....	5 to 5½ ft., heavy.....	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....	5½ to 6 ft., heavy.....	12.50
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....	6 to 7 ft., heavy.....	15.00
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....	7 to 8 ft., heavy.....	18.00

"When in Philadelphia, Be Sure to Look Us Up."

Areca Lutescens

	Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....	\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....	1.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50	
3-in. pot.....	5.....	12.....	2.00	
4-in. pot.....	5 to 6.....	15.....	\$0.40	4.50
5-in. pot.....	6 to 7.....	18.....	.50	6.00
6-in. pot.....	6 to 7.....	24.....	1.00	12.00
6-in. pot.....	6 to 7.....	26.....	1.25	15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50	18.00
7-in. cedar tub, 6 to 7.....	34 to 36.....		2.50	30.00
9-in. cedar tub, 6 to 7.....	5 ft., very heavy.....		8.00	

JOSEPH HEACOCK CO., Railway Station, **Wyncote, Pa.**
Jenkintown.

R. Van der Schoot

& Son,

Hillegom, Holland

(Established 1830)

Have still a large stock of

Lily of the Valley,

best crowns, of their own growing.

	Per 1000
A—Foliage oval shape.....	\$8.00
B—A longish shape.....	6.00
Solomon's Seal, giganteum.....	8.00
Solomon's Seal, macrophyllum.....	9.00

Roses

Surplus in the following best quality, on Canina:

	Per 1000
Mrs. Andrew Carnegie.....	\$6.00
Edward Mawley.....	5.00
Mrs. Herbert Stevens.....	6.00
Louise Catherine de Breslau.....	6.00
Madame Edouard Herriot.....	7.00
Marle Adelaide Grand Duchesse de Luxembourg.....	6.00
Rayon d'or.....	4.50
Sunburst.....	5.00
Willowmere.....	6.00

Standards

	Per 1000
Madame Edouard Herriot.....	\$24.00

Very large stock of **ROSES**, of which list of varieties on application.

Paeonies

Sinensis, in 24 best named varieties, per 1000.....\$40.00
We are growers of about 8 acres of them.

Begonias

	Per 1000
Best Strain Known.....	\$13.00
Single to color.....	17.00
Double to color.....	

For Fancy Sorts See Our Spring List.

Plant List (Spring 1916) Now Ready.

Mention the American Florist when writing

Place Your Order Now PALMS, FERNS, ETC.

	Per 100	Per 1,000
2 in. Asparagus Plumosus.....	\$2.50	\$22.50
2-in. Asparagus Sprengeri.....	2.00	18.00
4-in. Asparagus Sprengeri.....	8.00	75.00
2-in. Smilax.....	1.50	15.00
3-in. Dracaena Indivisa.....	3.00	25.00
Boxwood, fine bushes, 12-in.....	.35	
Boxwood, fine bushes, 15-in.....	.50	
Boxwood, fine bushes, 18-in.....	1.00	
Boxwood, fine bushes, 24-in.....	1.25	
Chrysanthemum Stock Plants—Roman Gold, Chieftain, Nonin, Razer, Chrysolora, Golden Eagle, White Chadwick, Pacific Supreme, Wells' Late Pink.....	\$4.00 per 100.	
Aspidistras, green variety, 6-in., \$1.25; variegated variety, 6-in., \$1.50 each.		

	Each
Kentia Forsteriana and Kentia Belmoreana.....	
2-inch pots, 6-8 inches high.....	\$0.15
4-inch pots, 10-18-inch high.....	.35
5-inch pots, 22-24 inches high.....	.75
6-inch pots, 24 inches high.....	1.00
6-inch pots, 30-inch., 5-6 leaves.....	1.25
6-inch pots, 36-in., 6-7 leaves.....	1.50
7-inch pots, 38-40 in., 8-10 leaves.....	2.00
7-inch pots, 44-48 in., 8-10 leaves.....	2.50
8-inch tubs, 50-in., 10-12 leaves.....	3.00
10-in. tubs, 60 in. and Specimen plants, \$5.00 to \$10.00 each.	
Araucarias, 5-in., \$1.00; 6-in., \$1.25 to \$1.50; 7-in., \$1.50 each.	
Rubber Plants, 5-in., 40c; 6-in., 50c each.	

AZALEAS

Deutsche Perle, Vervaeneana, Mme. Vander Cruyssen, Vervaeneana Alba, Pras, De Kerchove, Mme. Petrick, Simon Mardner, Mme. Rom. De Smet, Empress of India, Niobe, and several hundred assorted of the named, the new and old varieties, 25c. 50c. 75c. \$1.00, \$1.25, \$1.50, \$1.75, \$2.00, up; a fine lot of specimen plants.

Rooted Cuttings of Geraniums, Roses, Carnations and Chrysanthemums. List and Prices Sent on Request. **CASH OR SATISFACTORY REFERENCE.**

I. W. HEINLY, 205 Sec. Ave., Royersford, Pa.

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Asparagus Plumosus Nanus

(NEW CROP—READY NOW)

Plump and of high germinating quality, Northern Greenhouse grown, the same high class strain as supplied by us for the last 15 years.

Per 100 seeds, 50c; 250 seeds, \$1.00; 1000 seeds, \$3.50; 5000 to 10,000 seeds at \$3.25 per 1000.

All other reasonable Flower Seeds
Vaughan's Seed Store
CHICAGO NEW YORK

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SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

100,000 GERANIUMS

READY NOW

Thousands more coming on every day, from 2 and 2½-in. pots of Ricard, Beaute Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, etc. \$2.25 per 100; \$20.00 per 1000. Fully as good as last year's. Try them.

Correspondence Solicited.

Alonzo J. Bryan, Wholesale Florist Washington, N. J.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-President;
John Hall, 204 Granite bldg., Rochester, N. Y., Secretary,
Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

SANTA ROSA, CALIF.—Guy E. Grosse and J. I. Jewell have opened a branch here for the products of the Fancher Creek Nurseries of Fresno and the Kirkman Nursery, Merced, Calif.

HELENA, MONT.—The Bitter Root Valley Irrigation Co., a Montana corporation, filed a petition in voluntary bankruptcy in the federal district court here January 3. The failure is said to be the largest in the history of the state with liabilities at \$5,326,448.94 and assets \$2,392,603.57.

The Chinese Buddleias.

The flowers are still in good condition on the different forms of *Buddleia Davidii* or, to use its more common name, *B. variabilis*. This plant has one-sided, pointed, many-flowered clusters which curve downward from arching stems and are thickly covered with small, blue-purple, fragrant flowers. In some of the forms of this plant are found perhaps the most beautiful of all summer and autumn flowering shrubs, and although only recently brought to the United States and Europe by Wilson, they are already largely planted in this country where they have received the name of summer lilacs. Here at the north, *Buddleia Davidii* is not perfectly hardy, and the stems are killed to the ground by cold, but new stems spring up and as the flower-clusters are produced at the ends of branches of the year this severe pruning improves the flowers. Few plants in their season are better suited to supply cut flowers, and for this purpose as well as for garden decoration this *buddleia* in its various forms has proved one of the most useful shrubs of recent discovery.—Arnold Arboretum Bulletin.

Pot Pourri Rose Garden.

The pot pourri rose garden, one of the features of the San Diego exposition, was created for two purposes—a hospitality for all rose hungry persons, and the making of pot pourri. Thousands of persons have visited the garden and to each was given a rose. To the majority of the visitors roses were evidently seldom seen outside of greenhouses and florists' shops and the perfection of the rose blooms growing in this garden in such profusion all the year round was a delight and a memory not soon to be forgotten. Then the fragrant pot pourri in the making was interesting, made from fresh blooms of the roses, with a little blend of orange flowers, lemon verbena and other sweet smelling flowers and herbs of California. Many messages of appreciation came back to Mrs. Jessie C. Knox, originator of the pot pourri rose garden and the competitive rose exhibit at the San Diego, Calif., exposition, from visitors who had returned to their homes, but who had not forgotten the "lady of the rose garden" and her hospitality.

Mrs. Knox came from Minneapolis, Minn., a year before the opening of the exposition with the plans for the rose garden and the president and directors of the exposition heartily approved the idea and five acres of ground within the exposition and free water was offered her. Unfortunately there has been but a fraction of the money expended that was needed for such a garden, but California sunshine and San Diego climate have been abundant, so the roses have been plentiful and the garden now faces a brighter prospect during the continuance of the exposition in 1916. Mrs. Knox is seeking with renewed efforts, the means to make the pot pourri rose garden not only the joy of the masses but one that will merit the approval of rose connoisseurs as well.

In the competitive rose exhibit in the garden the first prize was awarded to the Dingee & Conard Co., West Grove, Pa., who staged a magnificent display of 250 hybrid tea roses in five varieties.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.

Send for list—We sell to the Trade only.

Jackson & Perkins Company
NEWARK, NEW YORK

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the **American Florist Co.'s Trade Directory**. I haven't one. Send me a copy.

Yours truly,

JOHN WATSON.

Newark, N. Y., Oct. 8, 1915.

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Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better. Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,

Well grown and in large supply.

J. T. LOVETT, LITTLE SILVER,
N. J.

Roses

On Canina Stocks

Write for Prices

Ask for the new Polyantha **MARY BRUNI**

Royal Nurseries

GRATAMA BROS. & CO.

HOOGEVEEN (HOLLAND).

J. Gouchault & Turbat Nurseries

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Nurserymen and Rose Growers ORLEANS (FRANCE)

Inform the Whole Nursery Trade that notwithstanding the war they have maintained their Nurseries up to the usual level and that they will be from now, very pleased to answer all demands for:

Roses. One of the most extensive existing collection, deliverable as dwarfs, on their own roots; grafted on dog rose roots; budded on dog rose seedlings; in all the best old and new varieties; also as standards or tree roses.

Rose Stocks. Such as *Rosa Canina*, of which we have largely increased our production; *Manetti*, *Grifferaie*, *Laxa*, *Multiflora*, *Polyantha*, etc.

Fruit Tree Stocks. All varieties, all sizes.

Young Deciduous Ornamental Trees and Shrubs.

Very important collection.

Young Conifers. Very large collection, all the best sorts.

Our list of **New, Rare or Noticeable Trees and Shrubs**, the most up-to-date list published and of deep commercial interest, should be consulted by all interested.

Grand list **Hardy Herbaceous**, new and old, etc.

Our new Wholesale Catalogue is ready. Please ask for it.

Dreer's Double Petunias

Our Usual Celebrated Strain.

15 varieties, 3 inch pots.

75c per dozen; \$6.00 per 100; the set of 15 sorts, \$1.00.

Seeds of Our Own Saving.

Superb Double Fringed, 75c per 500 seeds;
\$1.50 per 1000 seeds.

Superb Single Fringed, 50c per trade packet.

Henry A. Dreer

714-716 Chestnut St., Philadelphia, Pa.

The above prices are intended for the trade only.



Dreer's Double Fringed Petunia.



CANNA FIREBIRD

Get It Now

25 Strong Roots for \$5.00

VAUGHAN'S SEED STORE
NEW YORK CHICAGO

BOXWOODS—Most Beautiful Stock

- Pyramids, 2 ft.....\$1.00 each
- Pyramids, 2½ ft..... 1.50 each
- Pyramids, 3 ft..... 2.00 each
- Pyramids, 3½ ft..... 2.50 each
- Standard Shape, 14x14 in..... 2.50 each
- Globes, 14x14 in..... 3.00 each
- Heavy Bushes, 2 ft..... 1.50 each
- Nice Bushes, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St
CHICAGO

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THE LEEDLE FLORAL COMPANY
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Mention the American Florist when writing

Field Grown Roses

TWO YEAR DORMANT

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|---------------------------|---------------------|-------------------|
| Baby Tausendschon | Jonkheer J. L. Mock | Dean Hole |
| Erna Teschendorf | Mme. Jules Grolez | Mme. Ravary |
| Kaiserin Augusta Victoria | (Red Kaiserin) | Clotilde Soupert, |
| Killarney | Farbenkonigen | \$12 00 per 100. |
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Unless noted, \$15.00 per 100.

CLIMBING ROSES

- | | | | |
|-------------------------------|---------|--------------------|---------|
| | Per 100 | | Per 100 |
| Climbing American Beauty..... | \$17.50 | Hiawatha..... | \$12.00 |
| Crimson Rambler..... | 12.00 | White Dorothy..... | 10.00 |
| Excelsa (Red Dorothy Perkins) | 12.00 | | |

A full list of all Roses on demand.

The Storrs & Harrison Co., Painesville, Ohio

POT-GROWN

FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type Best of all frilled ferns, 2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower,
PERIN, ILL.

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good stroog 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

Kentias

We have a Fine Stock Ready Now

Kentia Forsteriana

- 4-inch pots, 16 inches high.....\$0.25
- 6-inch pots, 28-30 inches high..... 1.00
- 6-inch pots, 36 inches high 1.50
- 7-inch pots, 40-42 inches high 2.50
- 7-inch pots, 38-40 inches high 2.00
- 9-inch combination in green tubs,
4½-5 feet high 5.00

Kentia Belmoreana

- 4-inch pots, 16-18 inches high.....\$0.35
- 6-inch pots, 22 inches high 1.00
- 6-inch pots, 24-26 inches high..... 1.25
- 6-inch pots, 30 inches high..... 1.50

GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.

Mention the American Florist when writing

Fine stock of

KENTIAS

in all sizes. Write for prices.

Asplenium Nidus Avis

(Bird's-nest Fern)

in 7, 8, 9 and 10 in. pans at greatly reduced prices.

Fine for the Holiday trade.

Fernish Ferns in flats and 2½-inch pots a Specialty.

Write for Wholesale Catalogue to

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THE FERNERIES

Lawrence and Winnipeg Avenues

SAN FRANCISCO, - CALIF.

Miscellaneous Plants

- Alyssum (Giant and dwarf double).
- Allernanthera (8 varieties).
- Begonia (Vernon mixed).
- Coleus (Golden Bedder, etc.)
- Lemon Verbena.
- Moonvine (Blue and white).
- Salvia (Bonfire and Zurich).
- Senecio Argenteus (Dusty Miller).
- Swainsona (Alba and Rosea).
- Ageratum (6 varieties).
- Cuphea (Cigar Plant).
- Fuchias (10 varieties).
- Lantanas (10 varieties).
- Parlor Ivy (Senecio Scandens).
- Petunias (Double and single)

2 inch, \$2.00 per 100; \$18.50 per 10' 0.
3-inch, 3.00 per 100; 25.00 per 1000.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Mention the American Florist when writing

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Mention the American Florist when writing

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

- Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....\$3.00 each
- 10-inch tubs, 40 to 44 inches high, at..... 5.00 each
- Kentia Forsteriana, made up, bushy plants, in good tubs.
- 7-inch tubs, 3 plants in a tub, 36 inches high, at.....\$3.00
- 8-inch tubs, 3 plants in a tub, 36 to 40 inches high, at..... 3.50
- 8-inch tubs, 3 plants in a tub, 40 to 44 inches high, at..... 4.00
- 8-inch tubs, 3 plants in a tub, 44 to 48 inches high, at..... 5.00
- 9-inch tubs, 3 plants in a tub, 48 to 54 inches high, at..... 6.00
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- Asparagus Sprengeri, strong 3-in.....\$ 5.00 per 100
- Bougainvillea Glabra Sanderiana, well trimmed plants, from 4-in. pots, \$15 00
per 100: strong 5 in. pots..... 25.00 per 100
- Dracaena Terminalis, strong 5-in. well colored.....\$7.00 per doz.; 50.00 per 100
- Hydrangeas, French sorts, assorted, and Otaksa, pot-grown; 4-in. pot plants,
\$15 00 per 100; 5-in. pot plants..... 20.00 per 100
- Adiantum Glory of Mordrecht, 4-in. pot plants.....\$4.00 per doz.; 25.00 per 100
- Fern Dish Ferns, all standard varieties.....100, \$3.00: 1000, \$25.00
- Ficus Elastica, 5-in. pots, 18-in. high, broad leaved, at.....40c
- Adiantum Glory Mordrecht, 5-in, very fine \$4.50 per doz.; \$30.00 per 100
- Heliotrope, 2¼-in., purple or white.....\$3.00 per 100
- Lantanas, 8 varieties, 2¼-in.....\$4 00 per 100

The Storrs & Harrison Co.

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Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

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Extra fine stock—Ready for immediate shipment.

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30 E. Randolph St., Chicago, Ill.

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Fine pot plants at \$5.00 per 100, in bud.
Rooted cuttings, \$2.50 per 100, Feb. delivery.
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Araucaria Robusta Compacta, 2 to 3 tiers, \$1 each; 3 to 4 tiers, \$1.50, \$2, \$2.50 each. Araucaria excelsa, 3 to 4 tiers, \$1 each; 4 to 5 tiers, \$1.50 each; 5 tiers, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucaria Excelsa, 8-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucarias, 5-in., \$1.00; 6-in., \$1.25 to \$1.50; 7-in., \$1.50 each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

ASPARAGUS.

Asparagus plumosus, 2-in., \$2.50 per 100; \$22.50 per 1,000; Sprengeri, 2-in., \$2 per 100; \$18 per 1,000; 4-in., \$3 per 100; \$75 per 1,000. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Asparagus plumosus seedlings, July sown; postpaid. 60c per 100; \$5 per 1000. Berne Floral Co., Orlando, Fla.

Asparagus plumosus, 2 1/4-inch, \$2.50 per 100; 3-inch, \$5; made up in pans, \$4.20 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

2,000 Asparagus Plumosus, 2-in., \$1.75 per 100. Nice stock. Cash. Le Roy N. Brown & Son, P. O. Box 143, Clyde, Ohio.

Asparagus plumosus, 2 1/4-inch, \$1.75 per 100; \$17 per 1000. Jos. H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS and SPRENGERI, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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Aspidistra Lurida, green, 5-inch pots, 10 to 12 leaves, \$1 each, variegated, 5-inch pots, 10 to 12 leaves, \$1.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Aspidistras, green variety, 6-in., \$1.25; variegated variety, 6-in., \$1.50 each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

AZALEAS.

Azaleas, Deutsche Perle, Vervaeneana, Mme. Van der Cruyssen, Vervaeneana Alba, Pres. de Kerchove, Mme. Petrick, Simon Mardner, Mme. Rom. de Smet, Empressa of India, Niobe, etc., 25c, 50c, 75c, \$1, \$1.25, \$1.50, \$1.75, \$2 and up each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Azaleas, limited supply, \$1, \$1.25, \$1.50, \$2, \$2.50, \$3.50, \$5 each. Poehlmann Bros. Co., Morton Grove, Ill.

AZALEAS—Van der Cruyssen, Niobe, J. Llewellyn, Wm. J. Vervaene, 65c, 85c and \$1.10 each. ERNEST ROBER, Wilmette, Ill.

BEGONIAS.

BEGONIA LORRAINE. Per 100
2 1/4-inch.....\$12.00 4-inch.....\$35.00
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Erfordii, 3-in.....8.00
Prima Donna, 2 1/4-in.....3.00
Smithii, 2 1/4-in.....3.00
Chatelaine, 2 1/4-in.....3.50

ERNEST ROBER, Wilmette, Ill.

Begonias, Cincinnati, 3-in., 15c each; 4-in., \$4 per doz.; 5-in., \$8; 6-in., \$9 and \$12 per doz. Lorraine, 4-in., \$3 per doz.; 5-in., \$8 per doz.; 6-in., \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Begonia Gloire de Chatelaine, Prima Donna and Pfitzer Triumph, 2-in., \$3 per 100; \$25 per 1,000; 3-inch, \$4 per 100; \$35 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Begonias, best strain known: Single to color, \$13 per 1000; double to color, \$17 per 1000. R. Van Der Schoot & Son, Hillegom, Holland.

BEGONIAS, flowering and foliage, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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BERRIED PLANTS—Peppers, 6-inch, 25c each; J. Cherries, 15c, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

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BOXWOODS.
PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tuba, f. o. b. Dundee.

BUSH SHAPE—10-12-inch, balled, 35c each, 15-in., balled, 40c each; 18-in., balled, 50c each.
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Boxwoods, pyramid, 2 ft., \$1 each; 2 1/2 ft., \$1.50; 3 ft., \$2; 3 1/2 ft., \$2.50. Standard shape, 14x14 inch, \$2.50 each. Globe, 14x14 inch, \$3. Heavy bushes, 2 ft., \$1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price flat on demand. Julius Roehrs Co., Rutherford, N. J.

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Bulbs, Gigantum, 7-9-inch, 300 to case, \$50 per 1,000; 8-9-inch, 250 to case, \$70 per 1,000; 9-10-inch, 225 per case, \$80 per 1,000; 9-10-inch, 200 to case, \$90 per 1,000. S. S. Skidelsky, 1004 Lincoln Bldg., Philadelphia.

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BULBS.

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Aviator	100	1,000
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Good Cheer	6.00	50.00
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25 or more at 100 rate, 250 or more at 1,000 rate.		

First class guaranteed cuttings. J. D. THOMPSON CARNATION CO., Joliet, Ill.

CARNATION ROOTED CUTTINGS.

Delivery January 1st. We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower. Matchless, Enchantress Supreme, Mrs. C. W. Ward, White Enchantress, Beacon, Enchantress. \$25 per 1,000; 250 at the 1,000 rate. Less 10% if bank draft with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Rooted cuttings from clean, healthy stock:

Enchantress	100	1000
Victory, Winsor	\$1.75	\$15.00
White Enchantress	1.50	14.00
White Wonder	2.00	18.00
Enchantress Supreme	2.50	22.00
Enchantress	2.50	22.00

A. T. PYFER & CO., 30 East Randolph Street, Chicago, Ill.

Carnations, Nancy, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, \$3 per 100; \$50 per 1,000. Matchless, Yellow Prince, \$3.50 per 100; \$30 per 1,000. Champion, Yellowstone, White Wonder, White Enchantress, Rosette, Mrs. C. W. Ward, Enchantress, Gloriosa, Benora, \$3 per 100; \$25 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

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FINE, HEALTHY STOCK
Enchantress, unrooted, \$8.00 per 1000
E. H. MEURET.
R. F. D. 2, Des Plaines, Ill.

Carnation Alice Coombs (Roper) splendid cuttings, \$12 per 100; \$100 per 1000. The E. G. Hill Co., Richmond, Ind.

Carnations—For varieties and prices see advertisement elsewhere in this issue. The Leo Niessen Co., Philadelphia, Pa.

Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

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Chrysanthemums. Our catalogue for 1916 has been mailed. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, R. C., \$7 per 100; \$60 per 1,000. F. Dörner & Sons Co., Lafayette, Ind.

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Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, finest varieties, 5-inch, 50c; 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN—IMPROVED WANDSEBK TYPE
—In excellent condition; ready for shift; mostly pink, red and salmon colors; 2½-in., \$5 per 100; 3-in., \$7 and \$10 per 100; 4-in., \$12.50 and \$18 per 100; 5-in., \$35 and \$50 per 100.
SEEDLINGS—(August) Improved Wandsebk, 8 varieties equally divided, \$2.50 per 100; \$20 per 1,000; 500 at 1,000 rate. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM, mostly salmon shades in bud and flower, 4-inch select, well grown plants, at 20c; 4-inch with plenty of flowers and bud, but thin foliage; good for making up at 14c. Cash please. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. FORT RECOVERY DAHLIA GARDENS, Fort Recovery, O.

DAISIES.

CHICAGO WHITE, Special strain, 2½-inch, \$4.00 per 100. **ETOILE D'OR**, 2-inch, \$4.00 per 100. Boston Yellow, 2½-in., \$5.00 per 100. Cash, please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

DRACAENAS.

Dracaenas, Massangeana, 5-inch, 75c each. D. Stricta Grandis, 5-inch, \$1 each. D. Amabilis, 6-inch, \$1 and \$1.25 each. D. Terminalis Rosen, 3-inch, \$3 per doz.; 4-inch, 40c each; \$4.50 per doz.; 5-inch, 75c each; \$7.50 per doz. D. Godseffiana, per doz., \$1. D. Baptistil, 6-inch, \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Ferns, Adiantum Mordrecht, 4-in., \$4 per doz.; \$25 per 100; 5-in., \$4.50 per doz.; \$30 per 100. Ferns for dishes, standard varieties, \$3 per 100; \$25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Asplenium nidus avls (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices for holiday trade. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Roosevelt and Whitmani, 6-inch, 50c; 7-inch, 75c. Roosevelt and Boston, 10-inch, \$2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

Ferns for dishes, 2¼ inch, \$3 per 100; \$25 per 1000. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

FERNS.

Roosevelt fern—runners, \$3.50 per 100; \$30.00 per 1,000. Burr's Greenhouses, Freeport, Maine.

Boston ferns from flats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Table ferns, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns. Joseph Heacock Co., Wyncote, Pa.

GERANIUMS.

Geraniums, good assortment of standard sorts, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, rooted in silica rock sand, show a better color and grow better. Let me have your order for Nutt, Poitevine, Ricard and La Favorite, \$12.50 per 1,000 cash. JAMES MOSS, Johnsville, Pa.

Geraniums, 2 and 2½-inch pots of Ricard, Beante Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 2½-inch, Nutt and 4 others, \$2.50 per 100; \$20 per 1000. Jos. H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; Perpetuated moss, \$3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, dagger ferns, \$1.50 per 1,000; fancy ferns, \$2.00 per 1,000; leucothoe spray, 75c per 100; green galax, \$1 per 1,000; bronze galax, \$1 per 1,000; fadeless sheet moss, \$3.50 per bag. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbæk, Ferndale, Askov, Minn.

HYDRANGEAS.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sons, R. D. No. 1, Verona, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, French sorts, assorted and Otaksa, 4-inch, \$15 per 100; 5-inch, \$20 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangeas, Otaksa and new French. Vaughan's Seed Store, Chicago and New York.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

LILY OF THE VALLEY.

Lily of the Valley, best crowns, own growing; Foliage oval shaped, \$8 per 1000. A longish shape, \$6 per 1000. Solomon's Seal, giganteum, \$8 per 1000. Solomon's Seal, macrophyllum, \$9 per 1000. R. Van Der Schoot & Son, Hillegom, Holland.

Lily of the valley, cold storage; Brun's Celebrated Chicago Market Brand and Florists' Money Maker. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, Berlin and Hamburg, cases of 3000 pips, \$40 each; case of 1000, \$14; case of 250, \$4. J. M. Thorburn & Co., 53 Barclay St., New York.

Lily of the Valley, best quality, 1,000 to case, \$16.60 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

FOR SALE.—Lily of the Valley Pips, \$10 per 1,000; 1,250 to case. Fresh stock from Holland. Send for list of 150 varieties of gladioli; prices low. THOMAS COGGER, Melrose, Mass.

Lily of the valley, cold storage, \$13 per 1,000. Dietrich Heydemann, 17 Battery Place, New York.

MISCELLANEOUS.

Colena, salvia, ageratum, heliotrope, rooted cuttings, 60c per 100; \$5 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawm Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, roses, rose stocks, fruit tree stocks, young deciduous ornamental trees and shrubs, young conifers, new rare or noticeable trees and shrubs; grand list of hardy herbaceous, new and old. E. Turbat & Co., Orleans, France.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA FORSTERIANA.

Single Plants.		
Leaves.	Inches high.	Each.
6-inch pots, 5 to 6,	23 to 30.....	\$ 1.00
6-inch pots, 6 to 7,	34 to 36.....	1.50
6-inch pots, 6 to 7,	38 to 42.....	2.00
8-inch tubs, 6 to 7,	50 to 54.....	5.00
8-inch tubs, 6 to 7,	5 ft.....	6.00
10-inch tubs, 6 to 7,	5 to 5½ ft...	8.00
10-inch tubs, 6 to 7,	6 to 6½ ft...	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

Inches high. Each.		
7-inch pots, 3 plants in a pot,	23 to 30.....	\$ 2.00
7-inch pots, 3 plants in a pot,	36 to 38.....	2.50
7-inch tubs, 4 plants in a tub,	38 to 40.....	3.00
8-inch tubs, 4 plants in a tub,	38 to 44.....	3.50
8-inch tubs, 4 plants in a tub,	50.....	5.00
8-inch tubs, 4 plants in a tub,	56 to 58.....	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high 3.00	
12-inch tubs, 4 plants in a tub,	5 to 5½ ft. 10.00	
12-inch tubs, 4 plants in a tub,	6 ft. high 12.00	
Very strong specimens, 15-inch tubs,	5 plants,	\$15.00, \$18.00 and \$25.00.

ARECA LUTESCENS.

8-inch tubs, 5 plants in a tub.....\$3.00
POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

PALMS.

KENTIA BELMOREANA.

Single Plants.			
Leaves.	Inches high.	Each.	
4-inch pots,	5 to 6,	18	.....\$ 0.40
6-inch pots,	6 to 7,	24	..... 1.00
6-inch pots,	6 to 7,	28 to 30.	..... 1.50
7-inch pots,	6 to 7,	36	..... 3.00
8-inch tubs,	6 to 7,	38	..... 3.50
8-inch tubs,	6 to 7,	48	..... 5.00
8-inch tubs,	6 to 7,	58 to 60.	..... 7.00

Specimens, \$15 to \$50.

KENTIA BELMOREANA.

Made-up plants.
7-inch pots, 3 plants in a pot, 30 ins....\$ 3.00
Specimens, very heavy.....\$10.00 to 12.00

PHOENIX ROEBELENI.

Each.	
3-inch	.....per doz., \$3.00
5-inch pots	..... 1.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	..... 2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....	\$5.00 to 7.00

POEHLMANN BROS. CO.,

MORTON GROVE, ILL.

Palms, Kentia Bel., made-up, 8-in., 36-in. tubs, \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Fosteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, Kentia Forsteriana and Belmoreana: 2-in., 15c each; 4-in., 35c; 5-in., 75c; 6-in., \$1 to \$1.50; 7-in., \$2 and \$2.50; 8-in., \$3; 10-in., \$5 to \$10. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Hancock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom, \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Pansy plants, giant flowering, \$2.50 per 1000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 5-inch, 50c; 4-inch, 35c. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies Sinensis in 24 best named varieties, \$40 per 1000. R. Van Der Schoot & Son, Hillegom, Holland.

Peonies. Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Dreer's double petunias, 15 varieties, 3-inch pots, 75c per doz.; \$6 per 100; the set of 15, \$1. Seeds of our own saving, dbl. fringed, 75c per 500 seeds; \$1.50 per 1000; single fringed, 50c per trade packet. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PRIMULAS.

Primula obconica, in bloom, 5-inch, \$3 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIVET.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; 6 to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

Rose, Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

ROSES.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	\$2.00	\$15.00
Ellen Paulsen	2.50	18.00
Erna Teschendorf	2.00	15.00
Tausendschon	2.50	18.00
Clothilde Soupert	2.00	15.00
Flower of Fairfield.....	2.00	15.00

ERNEST ROBER, WILMETTE, ILL.

Roses, 2½-inch pots; ready for delivery in March. Grafted: Russell, Rhea Reid, Hoosier Beauty, \$14 per 100; \$120 per 1,000. Pink Killarney, White Killarney, Killarney Brilliant, Richmond, \$12 per 100; \$100 per 1,000. Ophelia, \$12 per 100; \$110 per 1,000. Own Root: Sunburst, Cecile Brunner, Shawyer, \$7 per 100; \$60 per 1,000. Bassett & Washburn, 178 N. Wabash Ave., Chicago.

Roses, Baby Tausendschon, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkbeer, J. L. Mock, Mme. Jules Grolez, Farbakoniga, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soupert, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

Roses, on canina: Mrs. Andrew Carnegie, \$3 per 100; Edward Mawley, \$5; Mrs. Herbert Stevens, \$6; Louise Catherine de Breslau, \$6; Mme. Edouard Herriot, \$7; Marie Adelaide Grand Duchesse de Luxembourg, \$6; Rayon d'Or, \$4.50; Sunburst, \$5; Willowmere, \$6. Standards: Mme. E. Herriot, \$24 per 100. R. Van Der Schoot & Son, Hillegom, Holland.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering, December to March shipment. WESTERN ROSE CO., Pasadena, Calif.

Rose Champ Welland, own root: 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Welland & Risch, 154 N. Wabash Ave., Chicago, Ill.

SEEDS.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than ¼ lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.

Vaughan's flower seeds for early sowing: Ageratum, allyssum, antirrhinum, asparagus, asters, begonia, bellis, candytuft, celosia, centaurea, cobaea, coleus, cyperus, dracena, echeveria, grevillea, heliotrope, ipomoea, Lantana hybrida, lobelia, mignonette, pansy, petunias, pyrethrum, Salsvia splendens, stocks, thunbergia, torenia, vinca rosea, verbena. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

SEEDS, BEGONIA—Lumina, trade package, 50c each. Prima Donna, trade package, 50c each; 1-32 oz., \$4. Cash please. ERNEST ROBER, Wilmette, Ill.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington. Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus, 5000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchison & Co., 17 Murray St., New York.

Pedigree Seeds. Our 1916 catalogue is ready. Write for it now. Watkins & Simpson, Ltd., 12 Travistock Street, Covent Gardens, London, England.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Filat and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash, Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and pole beans in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracena Indivisa, \$2 per pound. California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Mask-melon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Tree, shrub and palm seeds for the florist and nursery trade. Send for price list. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade; beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

SMILAX.

Smilax, 2-inch, \$1.50 per 100; \$15 per 1,000. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SPIREA.

SPIREAS.

Spirea Gladstone, \$1.50 per dozen; \$10 per 100. Spirea Queen Alexandra, \$1.75 per dozen; \$12 per 100.

ERNEST ROBER, WILMETTE, ILL.

Spirea Gladstone, white, \$6.50 per 100; Queen Alexandra pink, \$7.50 per 100; Peach Blossom, L. Pink, \$7.00 per 100. St. Louis Seed Co., 411-413 Washington Ave., St. Louis.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata, 3¼-inch pots, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CARNATION STAPLES.**SUPERIOR CARNATION STAPLES.**

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.

38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1000; 3000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Walte, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 318 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scalline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grassell Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphla Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists Fertilizer Co., 809 Exchange Ave., room 5, Chicago, Ill.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Red Devil glass cutters for greenhouse men. Smith & Hemenway Co., Inc., 170 Chambers St., New York.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Cowee, Berlin, N. Y.

Greenhouse Windstorm insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Greenhouse glaas. Baur Window Glass Co., Eaton, Ind.

MISCELLANEOUS.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Clay Tile Benches. Write for circular. Camp Conduit Co., Cleveland, O.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Florists' sunlies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kohr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

POTS AND PANS.

Pots, Hewa' standard. A. H. Hewa & Co., Cambridge, Mass.

Red pots. Geo. Keller & Son, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000. Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1529 S. Spaulding Ave., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write for Bulletin No. 47. King Construction Co., 29 King's Road, N. Tonawanda, N. Y.

Greenhouse construction, all steel. Chicago House Wrecking Co., 35th and Iron Sta., Chicago.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

WHOLESALE CUT FLOWERS.

Amling Co., E. C., Chicago.

Angermueller, Geo. H., St. Louis, Mo.

Badgley & Bishop, New York.

Bassett & Washburn, Chicago.

Berger Bros., Philadelphia, Pa.

Berning, H. G., St. Louis, Mo.

Budlong, J. A., Chicago.

Chicago Flower Growers' Ass'n., Chicago.

Coan, J. J., New York.

Erne & Klingler, Chicago.

Ford, M. C., New York.

Ford, William P., New York.

Frerca, D. E., Chicago.

Froment, H. E., New York.

Guttman & Raynor, Inc., New York.

Hart, George B., Rochester, N. Y.

Hoerber Bros., Chicago.

Holton & Hunkel Co., Milwaukee, Wis.

House of Ferns, New York.

Kasting Co., Wm. F., Buffalo, N. Y.

Kennicott Bros. Co., Chicago.

Kervan Co., The, New York.

Kessler, Wm. A., New York.

Kruchten, John, Chicago.

Kuhn, C. A., St. Louis, Mo.

Kusik & Co., H., Kansas City, Mo.

Kyle & Foerster, Chicago.

McCallum Co., Pittsburgh, Pa.

Meconi, Paul, New York.

Miller & Musser, Chicago.

Montreal Floral Exchange, Ltd., Montreal, P. Q.

Moore, Hentz & Nash, New York.

N. Y. Cut Flower Exchange, New York.

Niessen Co., The Leo, Philadelphia, Pa.

Percy Jones, Chicago.

Phila. Wholesale Florists' Exchange, Phila.

Pittsburgh Cut Flower Co., Pittsburgh, Pa.

Poehlmann Bros. Co., Chicago.

Pollworth Co., C. C., Milwaukee, Wis.

Polykranas, Geo. J., New York.

Pyfer & Co., A. T., Chicago.

Randall Co., A. L., Chicago.

Reid, Edward, Philadelphia, Pa.

Reinberg, Geo., Chicago.

Reinberg, Peter, Chicago.

Rice Bros., Minneapolis, Minn.

Riedel & Myer, New York.

Rusch & Co., Gust, Milwaukee, Wis.

Sheridan, W. F., New York.

Siebrecht, Geo. C., New York.

Smith, Wm. C., St. Louis, Mo.

Thompson Carnation Co., J. D., Joliet, Ill.

Tonner, O. A., Chicago.

Totty, Chas. H., Madison, N. J.

Traendly & Schenck, New York.

United Cut Flower Co., New York.

Vaughan, A. L., & Co., Chicago.

Weiland & Risch, Chicago.

Welch Bros., Boston, Mass.

Welch, Patrick, Boston, Mass.

Wletor Bros., Chicago.

Wittbold, Geo., Co., Chicago.

Young & Co., A. L., New York.

Young & Co., John, New York.

Zech & Mann, Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CAN SHIP ANY SIZE AT ONCE



Telephone or
Telegraph Order
at Our Expense.

KROESCHELL BROS. CO., 452 W. ERIE ST., CHICAGO, ILL.

Rochester, N. Y.

Christmas trade was excellent and very much better than last year. There was an abundance of good stock, with the exception of roses and carnations which ran short the last day. Roses were much in demand and American Beauties were very popular. There was a big call for orchids and lily of the valley. Red carnations were especially scarce and the best ones brought \$8 per 100. There were large quantities of Harrisii lilies on the market. Violets retailed at \$1.50 per 100, but the demand was light. Poinsettias, begonias, primulas and cyclamens were plentiful and sold well. Jerusalem cherries, ardisias and zinnias also sold out clean. All of the retail shops had some artificial stock such as poppies, cyclamens, statice, etc., and disposed of most of it. Most of the demand, however, was for natural flowers. Asparagus, hardy ferns and galax were all plentiful.

NOTES.

The Rochester Floral Co. has a very attractive window display consisting of 12 stairs representing the months of the year, arranged with miniature French bouquets of flowers in season during the respective months. Miniature signs also call attention to events taking place during the year, such as Christmas, Easter, June weddings, Mothers' day, etc. It is a very clever idea and attracts much attention.

Miss Lillian Wheeler, who has been confined to her home by primrose poisoning, is much improved.

H. E. Wilson reports an excellent Christmas trade. **CHESTER.**

Lincoln, Neb.

The Griswold Seed Co. is in the hands of a receiver and it is reported that the business will probably be closed in the near future. The C. H. Frey Co. has quite a planting of Carnation Nebraska at the Griswold greenhouses which will have to be saved and it is understood that the greenhouses and retail store may be taken over by the C. H. Frey Co.

C. H. Frey Co. is busy shipping Carnation Nebraska rotted cuttings, many thousands having been shipped to date, and they are going as fast as they can be rooted.

Chapin Bros., Frey & Frey, C. B. Keller and the C. H. Frey Co. had large stocks of blooming plants of high quality and all report the best trade ever.

Business has been the best ever this fall and winter and prospects look very bright for the future. **C. H. F.**

FRANKLIN, PA.—The Bell Floral Co. has applied for a charter of incorporation.



THE Net Returns

from your greenhouses is what counts.

We will quote you the prices, **We Paying the Freight,** or, **Net Prices,** and you to pay the freight. Order what you need either for repairs or for new houses.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO
Greenhouse Material Hardware Hotbed Sash

GREENHOUSE LUMBER

1866-1915
"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.

SQUARE RED CEDAR POSTS.

LOCKLAND LUMBER CO., Lockland, O.

THE BEST

MATERIAL PRICES SERVICE CONSTRUCTION

Greenhouse Material, Heating Systems, etc.

Our personal service is your best guarantee of satisfaction.

Willens Construction Co., 1529 S. Spaulding Ave., Chicago

PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels and Florists' Tags.** Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.

Boilers OF HIGH GRADE....

For GREENHOUSES

See Our Catalogue.

Steam and Hot Water GIBLIN & CO., Utica, N. Y.



Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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NICOTINE MFG. CO.
ST. LOUIS

Aetna Brand
Tankage Fertilizer

Is the best balanced fertilizer manufactured.
It contains the ten salts constituting soil. It is
giving satisfactory results wherever used.

Farmers' and Florists' Fertilizer Co.
809 Exchange Ave., Room 5. Tel. Drover 1932
U. S. YARDS, CHICAGO, ILL.

NICOTINE 40%
GUARANTEED BY
The GRASSELLI CHEMICAL CO.
CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
ST. LOUIS
WRITE FOR PRICES

Wired
Toothpicks

10,000 \$1.75; 50,000 \$7.50. Manufactured by

W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Terre Haute, Ind.

The 1915 Christmas demand will go
down in history of the trade here as
one of the best ever. The weather
was fine until noon on Christmas day,
when it started snowing, which later
turned to rain, stopping sales to a cer-
tain extent and making delivery very
difficult, but all orders were handled
by 2 p. m., when all the florists closed
for the day.

NOTES.

The Terre Haute Rose & Carnation
Co. had fine crops of roses and car-
nations which found ready sale.

Cowan Bros. & Co. kept the delivery
wagons busy for three days and re-
port a cleanup in all lines.

Heinl & Weber sold 1,100 cut poinset-
tias and report Christmas business as
very satisfactory.

Fred Wunker & Sons had a fine line
of wreaths and baskets and sold out
completely.

John G. Heinl & Son report the best
Christmas trade in the history of the
firm.

Henry Graham says business at his
establishment was excellent.

N. B. S.

WIZARD
BRAND
TRADE MARK
PULVERIZED SHEEP - PULVERIZED CATTLE
SHREDDED CATTLE
MANURE

A kind for every use about the greenhouse.
Ask for booklet, prices and quotations on bag or carload lots.

The Pulverized Manure Co.

32 Union Stock Yards, Chicago
Kansas City Stock Yards, National Stock Yards,
Kansas City, Mo. East St. Louis, Ill.

Clay's
The World Power
in the Soil.

GLAY'S
FERTILIZER
TRADE MARK
EVERY GENUINE
TIN, BAG & SEAL
BARS THIS
TRADE MARK

THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY
CLAY & SON, STRATFORD, LONDON, ENGLAND

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Vol. XLV.

CHICAGO AND NEW YORK, JANUARY 15, 1916.

No. 1441

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delphia, Pa., March 25-April 2. For premium
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AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at
St. Louis, Mo., January 26-27, 1916. Jos. H. HILL,
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wardsville, Ill., Vice-President; A. F. J. BAUK,
Thirty-eighth St. and Rockwood Ave., Indian-
apolis, Ind., Secretary.

AMERICAN DAHLIA SOCIETY.

First annual meeting and exhibition was held
at New York, September 24-26, 1915. Officers;
RICHARD VINCENT, Jr., White Marsh, Md., Presi-
dent; JOSEPH J. LANE, 11 West Thirty-Second
Street, New York, Secretary; F. R. AUSTIN,
Tuckerton, N. J., Treasurer.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Bar Har-
bor, Me., June, 1916. WILLIAM GRAY, Newport,
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Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Phila-
delphia, Pa., November, 1916. WM. KLEINHEINZ,
Ogontz, Pa., President; C. W. JOHNSON, 2134 W.
110th Street, Chicago, Secretary.

AMERICAN CARNATION SOCIETY

St. Louis Meeting, January 26-27.

The twenty-fifth annual meeting and exhibition of the American Carnation Society will be held at St. Louis, Mo., January 26-27, 1916. Since the organization of the American Carnation Society its annual meetings and exhibitions have been looked forward to, not only by carnation growers, but by others not so directly interested in the culture of the carnation, as the big event of the year, particularly from the standpoint of getting together and exchanging each other's cultural experiences. The St. Louis meeting will be no exception to this rule. Everyone wishing to get in touch with the live wires of the trade will do well to be on hand in St. Louis at the opening of the meeting, January 26.

It is expected that all the novelties in carnations being sent out this year will be on exhibition. We note in the schedule of premiums, a page advertisement devoted to each of six novelties making strong claims and giving glowing descriptions of every one of them. Carnation growers will want to see these varieties on exhibition at their best. Some of them are already well known in their native localities, having been shown at the local shows, but they will need the endorsement of the A. C. S. members at their annual exhibition to give them national favor. Some of the varieties received the endorsement of the judges at the last annual exhibition, the variety, Belle Washburn, being awarded the S. A. F. medal at Buffalo. Those who have seen this variety many times know it to be a fine acquisition to the red carnations and it was the top notch variety in Chicago at Christmas, 1915. It is being sent out by Bassett & Washburn, Chicago.

Aviator is another fine red variety claimed by its disseminators to be a wonder in productiveness; the color is exceptionally fine, and those who have seen it growing speak highly of its possibilities as a commercial vari-

ety. It is being sent out by the J. D. Thompson Carnation Co., Joliet, Ill.

Nebraska, another promising red variety, which has received the endorsement of several different sets of judges, after being shipped a long way from home to the exhibition. It is being disseminated by the C. H. Frey Co., Lincoln, Neb.

Red Wing is a fine, bright red or scarlet variety of good form. The judges at the Buffalo exhibition of the American Carnation Society scored it high enough to be awarded a certificate of merit. Its sponsor claims it to be a variety of great productiveness. It is being sent out by William A. Dawson, Willimantic, Conn.

Morning Glow, awarded a certificate at the American Carnation Society's exhibition, Buffalo, 1915, is a novelty in color among pink carnations, very pleasing and decorative, and a great favorite in Boston. It is being sent out by Edward Winkler, Wakefield, Mass.

Miss Theo, another Massachusetts variety, is described as true rose pink of good form. This variety the writer has not had the pleasure of seeing, but the disseminators claim it is a commercial acquisition. It is being sent out by Littlefield & Wyman, North Abington, Mass.

Alice Coombs, one of the leading light pink carnations shown at Buffalo, undoubtedly will be in fine form at St. Louis. It is being grown by The E. G. Hill Co., Richmond, Ind., as well as in the east.

Nancy is F. Dorner & Sons Co.'s novelty for 1916. The color is described as a light salmon pink, a little darker than Pink Delight and a more even color. We recognize this as one of the varieties Dorner & Sons Co. have shown under number on different occasions. At the novelty night exhibition of the Chicago Florists' Club, January, 1915, it was thought a great deal of by those present. It is being sent out by F. Dorner & Sons Co., Lafayette, Ind.

Cottage Maid, a sport of the variety Mrs. C. W. Ward, is a beautiful flesh pink, and the growers who have been successful with the variety Mrs. C. W. Ward will want to add its light pink sport to their list, especially when we consider that it comes from one of the best keeping varieties among carnations. It is to be sent out in 1917 by the Cottage Gardens Co., Inc., Queens, N. Y.

Laura Weber, a large flower of salmon pink, was shown in fine shape at the Cleveland show. It is a big, bold flower on long stiff stem, and a very promising high grade variety. The disseminators are Guttman & Raynor, Inc., New York.

There are a number of other novelties ready for dissemination which have not been so extensively exploited that will be seen at this exhibition and anyone having a seedling carnation should enter it and attend the meeting. Even if it be only to make a comparison between the stock on exhibition and one's own efforts it is certainly worth while.

Pink Sensation, Good Cheer, Alice and Mrs. C. E. Akehurst were the prominent novelties disseminated in 1915. They will be on exhibition at St. Louis for the visitors to pass further judgment on. The varieties Alice and Good Cheer appear to be doing extra well in many places and are making friends among the growers, owing to their commercial qualities, consequently they will be planted in larger numbers another season.

Every grower of carnations who possibly can should make an effort to go to St. Louis, take along a bunch of carnations, become a member of the American Carnation Society and help make it a success.

A few pointers on preparing the flowers for exhibition may be of some help to intending exhibitors. It should be borne in mind that while size of flower counts for a great deal according to the scale of points, it is not the only requisite—size must be accompanied by quality of color and freshness or substance, hence over-ripe or over-fed flowers do not stand much of a show. The essential qualities needed to carry a vase of flowers to the top are—good color, form, substance and size, together with strong stiff stems to carry the flowers erect. To insure substance and fine color an even temperature must be maintained in the greenhouses while the flowers are developing. Flowers that are forced in any manner, either by high temperature, close conditions, or the application of fertilizers, may appear to be wonders on the plants, but they quickly deteriorate after being cut, and by the time they are staged the sleepy look begins to show on them. A little pains in selecting the flowers counts for a great deal. Aim to have every flower as near alike in color as is possible; even though there may be only a few off-colored flowers in a vase of 100, they seem to stick out away beyond the perfect ones, and are the first to attract the judges' attention. Before packing the flowers for shipment they should be cut 24 hours before time of shipping and placed in water and set in a cool dry basement cellar, where an even temperature of 50 degrees can be kept up at all times, but no draughts or strong odors should be allowed to come in contact with them.

Packing the flowers ready for shipment is of the utmost importance and

is a part of the work that requires a great deal of study, owing to the fact that so many shipments to the A. C. S. exhibitions have been spoiled from overheating by being placed near the steampipes or from the effect of the car being held too hot rather than from getting cold. It is well to remember that what keeps out the cold also keeps out the heat. There are no better boxes for shipping the blooms than the corrugated cardboard shipping boxes now so widely used for shipping flowers. Boxes deep enough to carry one layer of flowers are the best; then two boxes can be tied together in one package. The inside lining should be enough to properly protect the flowers, but the outside covering should be the main protection against cold or heat. Be sure that each package is securely roped and tied to guard against the paper being torn off en-route.

C. W. JOHNSON.



Chrysanthemum Emma.
Pale Pink Pompon-Anemone.

Chrysanthemum Emma.

Seedling pompon-anemone Emma, shown in the accompanying illustration, originated with Frank Dinda, Farmingdale, N. Y., and is being distributed by Guttman & Raynor, Inc., New York. It is described as being of the Garza type, double, solid and full of bloom. It comes before the middle of November and finishes about December 10. It averaged over eight cents on the sale of about 8,000 sprays. The color is pale pink at the edge with a still paler pink center. It is said to be a splendid shipper and keeper.

BERKELEY, CALIF.—J. A. Carbone reports 1915 Christmas trade about on a par with the corresponding period the previous year. Cut flowers were plentiful and the quality fine. Carnations were very plentiful and retailed at prices lower than ever before. Araucarias and palms were much in demand.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Valentine's Day.

In its importance as a floral holiday, February 14 is running a close race with Thanksgiving day. Some dealers claim it ranks ahead, as there is so much sentiment about this latter day affecting all the younger element of society, the young men particularly, who feel it incumbent upon them to send flowers partly in answer to sentiment or because it has become the custom.

It is this question of custom that should engage the best attention of every retail florist. It is to his interest that this buying of flowers for Valentine's day should become much more popular than it is, and the sales can be doubled, tripled or quadrupled if florists as a body would take the matter up and give it the proper publicity. There is no community too small or city too large, in which the trade in flowers cannot be increased by the right kind of publicity. There are certain trade jealousies that have to be overcome in order to get the necessary co-operation that will lead to the best results. Troubles like these are not unsurmountable, however, as witness the general co-operation of the retail trade in Cleveland, Detroit and other western cities, where very good business has resulted, particularly in their exploitation of Mothers' day, all agreeing that the demand created by the publicity work was much in excess of their expectation on the comparatively small amount expended. It is often said that this or that city is a great flower buying town, their prosperous flower shops are pointed out as proofs that this is the case.

Whatever is effectively presented to any community is sure to attract attention. Well managed and aggressively conducted flower shops will be sure to pick up business and help create a demand that appeared non-existent before. This success invites competition—a new store appears which, in turn with up-to-date methods necessary to keep to the front, gets a clientele of new people, and so the sale and love of flowers goes on until the city becomes famous as a flower buying community. It is this love for flowers that does so much to create a demand that can be fostered and increased in every community, at all times, by individual interests or men who are alive to their opportunities, and also by the action of all branches of the trade working together. The approach of Valentine's day is a very propitious time to try out this collective work and there are now in a number of successful instances records of advertising matter that has pulled (and such experiences are to be had free for the asking) that point out the way to get new business along these lines.

Advertising for any special event should be commenced at least two or three weeks before, so that there is time for it to sink in and germinate and awaken the desire to remember the day with a purchase of flowers. While the demand for Valentine's day and its acceptance as a floral holiday is fairly well established, it should have the best thought of the florist in every stage of the work of preparedness. In the first place a nicely worded circular

or folder calling attention to the spirit and significance of the day, stating the kinds of flowers that are appropriate and their effectiveness when made into baskets, corsage bouquets, or sent loose in artistically arranged boxes.

In nearly all the large cities box-makers who cater to the florists' trade prepare fancy covered heart-shaped boxes, which are very appropriate for corsages, bunches of violets, etc. The suppliers are also alive, and each season come along with something new in heart-shaped hampers or fancy baskets that are appropriate for the business of the day. Not only cut flowers, but plants as well, when decorated with appropriate ribbons and heart-shaped motto cards giving then a Valentine's flavor, make acceptable gifts and the most lasting and satisfactory for the purpose.

For two weeks at least or from the first of the month on, all the novelties should be displayed in and about the store, and particularly in the windows, which should receive the very best thought and attention of the decorator. The fact that February 14 is a floral holiday of importance should be kept to the front. A vigorous campaign started early, and pushed with vigor and intelligence, will be sure to produce good results.

There are many flowers that can be especially featured for valentines. Sweet peas will then be in their prime and they are especially suited for corsages and baskets. Ward and Sweet-heart roses, violets, lilies of the valley, gardenias, cattleyas, pansies and forget-me-nots are all appropriate. Daffodils and pussy willows are good. How best to arrange any or all of these, so as to present new ideas, is worth considerable thought by the up-to-date man—people appreciate good work, and anything novel and artistic in arrangement or color scheme, redounds greatly to the credit of the house sending it out.

The boxes, plants and packages should all be given a Valentine touch with appropriate heart-shaped tags or red seals of like pattern. Red tape for wrapping cord may now be had from all the supply houses and is well worth the small additional cost for the week. There are many who observe the day with dinners and teas at some of which quite elaborate decorations are planned. Heart-shaped, flat plateau baskets, made solid with red carnations, make a good table center piece, as does a single or double outline heart, filled with green or red carnations, from the center of which rises a slender vase of red carnations. Favors can be corsages of red carnations or bunches of violets, with small gilt hearts pinned to the ribbons.

The Bud or Single Rose Vase.

When Philip L. Carbone, of Boston, Mass., introduced the individual flower tube, or vase, from Italy, some few years ago, it took some time to get people to consider it seriously, it being thought too trifling. After a time, however, its usefulness became apparent, for as long as the water held out, the flower lasted quite as well as when crowded with others in a larger receptacle. There are many places such as on milady's writing desk or bureau, etc., where just one beautiful rose, with the luxurious green foliage placed in a bud vase, makes a very pretty ornament. In



INDIVIDUAL ROSE TUBES AND VASES.

addition to the straight tubes there are now a number of vases in quite a variety of form and material. The glass tubes are now etched and some are cut while tubes of hammered copper are antique looking, and fit in nicely with some desk furnishings.

The pottery men are offering some very pretty pressed and hand-made vases in various colors with good foundations that will not topple over, which is an objection to the lighter glass tubes that are easily upset when containing a rather large rose. Artistic wooden receptacles made of mahogany with a glass tube center, looking something like a slender candlestick, have recently been introduced; also, some of wood with the new black and white striped effects. The accompanying illustration shows but a few of these vases, which are good stock to carry, as every vase sold generally results in the purchase of a choice rose to fill it. Other patterns are offered of several tubes joined together, which are more elaborate, but lack the exclusiveness of the individual vase.

Hendberg's Prize Window Display.

M. Hendberg, one of the representative florists of Hoboken, N. J., was awarded first honors in a recent window trimming contest held in that city. The displays were all of such uniform excellence that the work of the judges was no small task. The Hendberg display was a dinner table arrangement set in a bower of southern smilax, with basket bouquets of hyacinths, Hadley, Ophelia and Killarney roses and lily of the valley. The center piece on the table was a handsome vase of lilies while around the base was a splendid display of Killarney roses and at each plate was a corsage bouquet in which Killarneys were also used.

MOBILE, ALA.—C. O. Wilcox, representing the W. W. Barnard Co., Chicago, is calling on the trade here.

WACO, TEX.—The mid-winter meeting of the Texas State Horticultural Society was held in this city, January 4-6, with an elaborate programme.

Warncke's Venison³ ast.

Members of the Detroit Florists' Club were royally entertained Tuesday evening, December 28, at Harmonic Hall in that city, the occasion being the annual venison feast given by John H. Warncke, well-known Detroit florist, to his fellow club members and his colleagues on the board of education, of which body he has been a member for several years. The mayor, members of the library commission, and other prominent officials, as well as a number of out-of-town guests, were also in attendance. To accept an invitation to a venison feast with reluctance is an unusual occurrence, but many of Mine Host Warncke's brother florists accepted their's with trepidation, the invitation which was in every sense of the word "formal," being in the form of a court subpoena, bearing the seal of the City of Detroit, signed by the clerk of the recorder's court and served by police officers at all hours of the day and night, demanding "In the name of the People of the State of Michigan" appearance of the person named therein "to appear at Harmonic Hall December 28 at 8:00 p. m. and there give evidence in the case of John Buck and Rosie Doe." Visions of being "pinched" for obstructing the sidewalk with cases of holly at Christmas time was the first thought that came to Robert Rahaley of the Michigan Cut Flower Exchange, while Jerome Stock had it all figured out that he was going to be separated from some of his Christmas trade profits because his chauffeur had been "nabbed" for speeding again. Superintendent Basinger of Woodmere cemetery said he knew John Buck (a local undertaker) but knew nothing of his having any trouble with any "Rosie Doe."

The arrival at the hall dispelled all gloom, however, as the result of Mr. Warncke's annual hunting trip was in evidence—venison prepared in three different ways, with appropriate "trimmin's." At each place at the table was an American Beauty rose from the greenhouses of the host, while the hall was artistically decorated with American Beauties and ferns. Following the repast short speeches were made by those present, in which tribute was paid to Mr. Warncke's marksmanship and genial "Phil" Foley of Chicago, also regularly summoned and who feared a fine for exceeding the "weight limit," made an instantaneous hit with his "Shoot the Bear First" story. In a short acknowledgment of the well wishes of his guests the host promised to "bring home the venison" again next year.

New York Florists' Club Meeting.

The club's first meeting of the new year was held in its rooms in the Grand Opera House building on the night of January 10. It being the night for inaugurating the new officers there was a good attendance and much interest was manifested. Philip F. Kessler and his associates on the retiring house committee had handsomely decorated the hall with the national colors, which had a very happy effect. Retiring President Bunyard called the meeting to order and in an eloquent address, thanked the committees and members for the support and assistance he had received during his term of office. He was given an ovation.

He then called President Weston to the platform and handed him the gavel.

PRESIDENT WESTON'S ADDRESS.

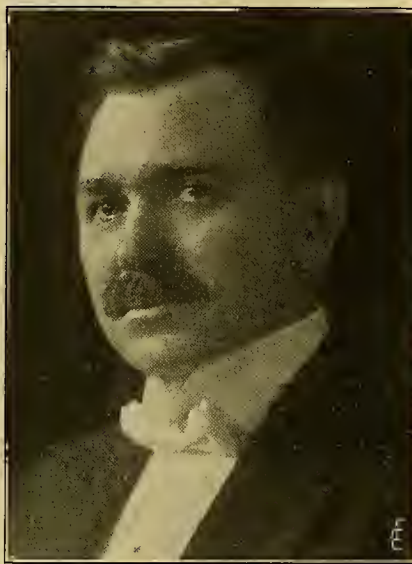
Fellow Members of the New York Florists' Club:

In taking the chair as your presiding officer for 1916, let me again ex-

press my grateful appreciation of the honor you have done me in electing me to this high office, the duties of which it shall be my endeavor to discharge in a manner satisfactory to you, and in the best interests of the club.

The work of our organization is well and favorably known not only throughout our own country, but abroad. It is known for the business like features which characterize its management, and insure a continuous growth of its membership. It is known for the great harmony and good fellowship which exists within it, making its motto "all one," truly a descriptive one. And it is known for the excellent work it has done and is doing for the uplift of floriculture and the welfare of all connected with it. It is an organization to which all of us are proud to belong, and with whose work we feel honored to be connected.

The club's work has been so well organized and conducted, so well thought out, and opportunities for action



John Warncke, Detroit, Mich.

so well conceived that little, if anything, can be suggested at the present time as likely to increase the usefulness of the club, or work out to our advantage. Our greatest work at this time is, of course, to be found in the preparations for our forthcoming spring flower show in New York, and this work, I am glad to say, is in most capable hands, and the indications are that we shall score another great success, thereby enhancing the reputation of our club among our fellow workers the world over.

Last year we invited the S. A. F. and O. H. to hold its 32d annual convention in our city this year, but unfortunately, prior claims made by the southern city of Houston prevailed, and our invitation failed of acceptance. The desirability of making an effort to induce the national society to hold its 1917 convention here is a matter which should early be discussed. I understand that the society will at the Houston convention also decide upon the city in which to hold its 1918 convention, in order that more time may be available for the establishment of the convention garden. This being the case, our chance for securing at least one of these conventions should be good.

In appointing our standing committees for the year, I have deemed it advisable to return to the custom of the years preceeding last year,

observing the same as regards the numerical strength of the committees. Ample trial was made last year of large committees, but they were not found conducive to the best interests of the club.

We have entered upon a year which it is fervently hoped will prove to be a good one for our trade, and there is every reason to believe that our hopes may materialize. Indications of a condition of prosperity among our great industries are not wanting, and when prosperity reigns the florist trade is sufficiently active to insure good business. From the bottom of my heart I wish you all a most happy and prosperous year, and I trust that at its close I shall take into retirement with me a remembrance of your loyal and unstinted help in the administration of the office you have reposed in me, and the assurance that we together have added another to the many successful years of our club's existence.

President Weston's address made a fine impression and was loudly applauded.

Vice-president Stumpp was called on but was not present. Secretary Young made a clever speech, punctuated with humor. He spoke of the approaching flower show and expects it to be a great success. Treasurer Richards spoke briefly but to the point. Trustees Chas. Schenck and Robert G. Wilson were absent. Trustee Max Schling made an appropriate address, saying he would always be ready and willing to do his best for the club. A. L. Miller for the flower show committee, which had held a meeting in the afternoon at the Hotel Breslin, reported progress. Committee on New York day at National Flower show reported progress.

President Weston appointed his committees as follows:

On Awards.—P. W. Popp, Marine Matherson, L. J. Reuter, C. H. Totty, W. H. Siebrecht, Sr., Julius Roehrs, Chas. Weber.

Exhibition.—Robert Koehne, Roman J. Irwin, Chas. C. Knight, Peter Beuerlein, Percy B. Rigby.

House.—George Hildenbrand, Joseph Vocke, A. N. Kinney.

Annual Dinner.—C. B. Weathered, John B. Nugent, Jos. A. Mandia, Walter F. Sheridan, Emil Schloss, Alfred Kottmiller, Thos. B. De Forest.

Committee on Legislation.—Walter F. Sheridan, W. H. Siebrecht, Jr., James McHutchison.

Essay.—John H. Pepper, Austin F. Faulkner, J. R. Lewis.

Edward C. Vick read the resolution which was adopted on the death of W. Atlee Burpee of Philadelphia, which follows:

At a meeting of the committee appointed to take action on the death of W. Atlee Burpee, the committee, speaking for the members of the New York Florists' Club, desires to express in this humble manner its appreciation of the life-long and untiring efforts of W. Atlee Burpee in the interest of horticulture. Gardening activities everywhere had his attention and support. His high standard of honorable business methods all may well strive to follow. Florists the world over have sustained an inexpressible loss in the death of W. Atlee Burpee. Those of us who knew him personally knew him as a cherished friend, those who knew him only through business dealings, felt the kindly influence of his nature, in his business methods. In his death the members of the New York Florists' Club deeply feel the loss of their esteemed fellow horticulturist.

Resolved, That this resolution be spread on the minutes of the New

OFFICERS STATE FLORISTS' ASSOCIATION OF INDIANA.



Wm. J. Vesey, Jr., President.



Irwin Bertermann, First Vice-President.



O. E. Steinkamp, Secretary.

York Florists' Club and a copy sent to the family."

Andrew Scott, manager for Alexander McConnell, was called to the platform and made a neat speech. John H. Stafford of Bar Harbor, Maine, a life member of the Society of American Florists, was present and made an interesting address. Like every true son, or adopted son of the Pine Tree state, he extolled its climate and soil and the hospitality of its people, and promised a warm welcome for all who attend the meeting of the American Sweet Pea Society at Bar Harbor next June. A. E. Thatcher of the Mt. Desert Nurseries, Bar Harbor, was also present and spoke interestingly and along the same line as the previous speaker.

J. Harrison Dick notified the club of the death of a brother of W. E. Marshall, a member and former officer of the club. A committee was appointed to prepare suitable resolutions. Max Schling suggested that young gardeners out of work be looked after and assisted in securing employment.

A letter was read from Wm. Kleinheinz, Ogontz, Pa., urging co-operation relating to the national flower show at Philadelphia and the New York show at the Grand Central Palace.

Dr. John S. Adriance of Williamstown, Mass., gave a most interesting and instructive lecture on the preparation of soil to yield the "maximum of money value." In a series of stereopticon views the lecturer showed the great results achieved in growing timothy, clover, corn and other crops by the use of lime, phosphate and other chemicals. These were very marked in the case of wet and sour lands. We regret that a more extended report of his lecture cannot here be given.

EXHIBITS.

Philip F. Kessler exhibited freesias grown by John Lappe, Maspeth, L. I., N. Y. Peter Beuerlein, Elmhurst, N. Y., exhibited a vase of a sport of Enchantress carnations cerise pink in color and another sport of Enchantress of the Enchantress shade, but a deeper pink. W. A. Manda, South Orange, N. Y., exhibited a cerise pink seedling carnation.

Guttman & Raynor, Inc., New York, exhibited the rose Mme. Paul Euler or Prima Donna, grown by the Florex Gardens, North Wales, Pa.; also the



Theodore Dorner, Second Vice-President.



Homer Wiegand, Treasurer.

white carnation, Peace, grown by Frank Dinda, Farmingdale, L. I., N. Y., and the carnation Laura Weber, grown by Chas. Weber, Lynbrook, N. Y.

James Duthie, Oyster Bay, L. I., N. Y., exhibited six pots of new malacoides, named Malacoides Townsendi. It originated in the winter of 1913-1914 in a batch of ordinary malacoides, was grown on and seeds selected from the best products. These plants are very attractive. Chairman Kessler and Myer Othille, of the retiring house committee, did themselves proud with their lavish distribution of turkey sandwiches and other things.

Chairman Kessler had also this list of entertainers who made a hit: Wm. Johnson, banjo and guitar; Phil Fisher, guitar; David Manning, violin; Harris Beaulere, mandolin, assisted by Walter Robinson, buck and wing dancer, and W. Schiowsky, baritone.

A. F. F.

State Florists' Association of Indiana.

The annual meeting of the State Florists' Association of Indiana was held in Indianapolis, January 11, at the Chamber of Commerce. Nearly all of the Indiana growers and many manufacturers of florists' supplies and equipment were present. The meeting was called to order by President W. J. Vesey, Jr., of Ft. Wayne. The report of the secretary showed an increase in membership, while the treasurer's report gave the financial condition as being better than ever before.

There was keen competition for the Indiana rose and carnation trophies. The rose trophy was awarded to W. Frank & Sons, Portland, and the carnation trophy was again won by Baur & Steinkamp, Indianapolis. The vase showed very fine culture.

Excellent vases of Ophelia, Hoosier Beauty, and a fine basket of Tipperary, a fine clear yellow rose of small size, were exhibited by the E. G. Hill Co., Richmond. This rose is highly commended for basket or corsage work.

A dark sport of Russell exhibited by the Waban Rose Conservatories, Natick, Mass., attracted much attention and Mrs. Bayard Thayer traveled in fine shape. This is a beautiful clear pink, evidently a sport of Mrs. Russell. It scored 89 points and was awarded a certificate of merit.

Tip Top, a miniature rose shown by the South Park Floral Co., New Castle, has the appearance of being an excellent rose for corsage work.

Prima Donna, recently brought out by the Floreux Gardens, North Wales, Pa., traveled well and looks like "a winner."

In the carnation section, the display of the J. D. Thompson Carnation Co., Joliet, Ill., showed Aviator in its usual splendid form. John Eitel, Greencastle, showed a scarlet seedling.

F. Dorner & Sons Co.'s novelty for 1916, Nancy, a light pink, has the appearance of being a good commercial variety. This was given a certificate of merit for a score of 87 points. A fine collection of seedlings were noted. Carnation Rosalie, cerise, scored 87 points and a certificate of merit was awarded to No. 125-11 for excellence. Old Gold, which will be disseminated in 1917, was also shown.

Rose colored Primula malacoides were shown by Fred H. Lemon & Co., Richmond. These are considered superior to the old type and will become a standard when better known.

A sport of Geranium Beaute Poitevine, staged by Morris & Son, Bloomington, the color a flesh tint, was well grown. Well grown cyclamen displayed by the Roepke Floral Co. were highly commended.

The display of plants arranged by Bertermann Bros. Co., was one of the features of the exhibition.

Following a visit to the range of Baur & Steinkamp, Indianapolis, earlier in the day, where some well rooted and healthy stock was seen, the party was guests of the proprietors at luncheon.

The society hopes to land the 1917 convention of the American Carnation Society and a special party will be formed to boost for Indianapolis and "Hoosierdom." The society hopes to send a large delegation to St. Louis.

The following officers were elected to serve in 1916: W. J. Vesey, Jr., Ft. Wayne, president; Irwin Bertermann, Indianapolis, first vice-president; Theo. A. Dorner, Lafayette, second vice-president; O. E. Steinkamp, Indianapolis, secretary; H. H. Wiegand, Indianapolis, treasurer.

After the annual dinner, the members were entertained at Keith's Vaudeville theater, the stage and boxes being decorated with the flowers from the exhibition, and the blooms given to the performers who responded graciously to encores, with the result that the performance lasted an hour longer than usual.

The February meeting will be held at Lafayette, and an April meeting at Terre Haute.

The out-of-town visitors included the following:

L. Barnaby, Columbus.
W. A. Bitter, Kokomo.
L. A. Coles, Kokomo.
W. W. Coles, Kokomo.
J. D. Conner, Wahash.
Theo. A. Dorner, Lafayette.
John Eitel, Greencastle.
John A. Evans, Richmond.
H. C. Frank, Portland.
H. F. Freese, New Haven.
N. H. Gano, Martinsville.
Wm. H. Gardner, New Castle.
Geo. R. Gause, Richmond.
W. E. Hack, Plainfield.
A. E. Haugh, Anderson.
B. F. Hensly, Knightstown.
R. E. Jones, Richmond.
R. Kircher, Fairmount.
Mrs. R. Kircher, Fairmount.
Louis A. Knopf, Richmond.
Wm. Klus, Anderson.
Fred H. Lemon, Richmond.
F. L. Morris, Bloomington.
Dillon Myers, Bluffton.
A. S. Pelt, Crawfordsville.
J. S. Stuart, Anderson.
J. T. Turner, Rushville.
Harry White, North Manchester.

Kellogg's Santa Claus Delivery Car.

The accompanying illustration shows the new delivery automobile of the Geo. M. Kellogg Flower & Plant Co., Kansas City, Mo., as it appeared on the streets of that city during the Christmas season just past. The car was decorated with frieze, Christmas roping and wreaths, an employe dressed as Santa Claus making all deliveries. The novel turnout attracted much attention and many customers in making purchases stated that they



Geo. E. Kessler, St. Louis, Mo.
Landscape Architect Houston Convention Garden.

bought just in order to have Santa Claus deliver plants and cut flowers at their homes to please the children. This firm reports trade especially heavy this season, rounding out, by far, the biggest year's business in its history.

Geo. E. Kessler, Landscape Architect.

George E. Kessler, of St. Louis, Mo., landscape architect, is acting in an advisory capacity for the S. A. F. convention garden at Houston, Texas, this year. Vice-president R. C. Kerr of the Society of American Florists, referring to Mr. Kessler, writes: "We are very fortunate in having secured Mr. Kessler's services in this work.

He has supervised the construction of some of the largest park systems in this country and has acted as consulting landscape architect at Indianapolis, Ind., St. Louis, Mo., Ft. Wayne, Ind., Dallas, Tex., Cincinnati, O., Kansas City, Mo., Memphis, Tenn., and Houston, Kansas City is famous for its parking system. Mr. Kessler laid out and carried to completion the parks and parking system of Kansas City, so we feel that our convention garden is an assured success; with the advice of Mr. Kessler and the competent and efficient work of Mr. Brock, superintendent of Houston parks, it makes us feel we are making a record-breaker."

Ft. Wayne, Ind.

NEW YEAR MAKES GOOD BEGINNING.

Business has made an excellent start for 1916. Social affairs have been the principal source of demand, but there has been an active call for decorations and bouquets and funeral work has been exceedingly good. Prices on all flowers are back to normal. Roses are of good quality though not plentiful. Flowering plants continue to sell well. The first jonquils of the season have arrived.

NOTES.

The Flick Floral Co. furnished the decorations for the luncheon of the Equal Suffrage League, January 8, when covers were laid for nearly 200 guests. Pink Killarney roses in attractive vases were a feature. This firm also had the decoration for a Dolly Varden party, the table arrangement being a charming combination of spring flowers, while the rooms were decorated with lilac plants and roses. Twenty-four corsages were presented to the guests.

W. J. & M. S. Vesey executed a large decoration January 6 for the banquet of the Pacemakers Club. Palms and ferns were used in profusion with vases of Shawyer and Killarney roses. An aeroplane filled with flowers was an interesting novelty.

The South Side branch store of the Doswell Flower Co. closed January 1, it having been decided to devote all their time to the business at the Main street store.

H. K.

DENVER, COLO.—C. F. Maler will erect a greenhouse at 3914 West Twenty-ninth street, to cost \$4,000.

CLINTON, IA.—The Lyons Greenhouses, conducted by Geo. E. Dallam, has opened a retail flower shop in the down-town district.



KELLOGG'S SANTA CLAUS DELIVERY CAR.

Minneapolis.

The market has been clean all week with not enough stock on hand to fill orders. Violets, roses and carnations especially could have been disposed of in much larger quantities. Paper Whites and Romans were in good supply and greens of all kinds are equal

Hans Rosacker has a large crop of roses coming in, but not enough to supply the demand.

Will Bros.' carnations are still the best to be seen in this market.

Visitors: Jerry Jorgenson, Bismarck, N. D.; J. De Groot, Chicago. T. C. R.

brings from \$4 to \$6 per 100. Bulbous stock is in good demand, French trumpets and Paper White narcissus being the mainstays, although a few tulips are beginning to come in. The prospects are that the market will hold up well for some time to come, as the retail stores are doing a good business and there are no signs of a heavy crop of flowers coming in.

NOTES.

John Gale, of Tewksbury, is shipping about 25,000 violets per week, all of very fine quality. He has about 9,000 square feet of glass devoted to marguerites and violets and is already cutting some nice marguerites. He has a house of Easter lilies that are coming along nicely and will have them for the Easter trade.

A. Aronson, formerly proprietor of the Crawford House Flower Store, is now employed as salesman for the East Sudbury Flower Co., of East Sudbury, Mass., at the Boston Co-Operative Flower Market. He is receiving from them a nice lot of carnations and Sprengerii. Their Beacon carnations are especially worthy of note.

The J. A. Budlong Co. is shipping to the Boston Co-Operative Flower Market salesroom about 65,000 roses per week. They are cutting a nice supply of their dark yellow sport of Sunburst, as well as very fine Prince E. C. d'Arenberg, Stanley, Ophelia, Sawyer and Indiana.

Robert Montgomery and family, of Natick, had a narrow escape from injury at Wellesley, January 9, when his automobile skidded and ran into a tree. Luckily, no one was hurt, but the machine was quite badly damaged.

Miss R. A. Washington, of Stoughton, is cutting a supply of nice stevia at present. She also has as a novelty some pink cactus blossoms.

The bowling league met at the Boston alleys Thursday evening, January 7. Jacobs, bowling for the flower exchange, rolled the highest individual string of the season with 132. Prizes have been donated for the league by Thos. J. Grey Co., B. F. Letson, H. M. Robinson Co., P. Carbone, Boston Plate & Window Glass Co. and J. M. Cohan. The silver cups and cut glass prizes will be awarded at the end of the season. The standing for the week is as follows:

	Won.	Lost.
Galvin	37	7
Flower Market	33	11
Carbone	27	17
Pansies	19	25
Zinn	18	26
Flower Exchange	16	24
Robinsons	16	28
McAlpine & McDonald.....	10	37

F. L. W.



STORE OF PENN THE FLORIST, BOSTON, MASS.

to the demand. Prices are about the same as last week. California violets are plentiful but there is no demand for them.

CLUB MEETING.

The regular meeting of the florists' club was held at the Nicollet hotel, January 4, about 40 members being in attendance. A notice having been sent out by the Lakewood Cemetery Association prohibiting the planting of graves by the florists, a committee of five, consisting of C. G. Anderson, Carl Lindskoog, Theo. Nagle, O. E. Amundson and Thos. Hall, was appointed to see the cemetery superintendent and report at the next meeting. Refreshments were served by the hotel management, after which the meeting adjourned to convene again the first Tuesday in February.

NOTES.

The Lady Florists' Club had a card party and dance at the West Side Commercial Club, January 6. R. Wessling and Mrs. W. D. Desmond won first prize at the card tables. A splendid supper was served which was enjoyed by all present.

The gardener's house at the Loring place, Zumbra Heights, Lake Minnetonka, burned to the ground December 30. The ends of the greenhouses adjoining were burned out and a freeze that followed destroyed some very choice plants.

W. D. Desmond, Wm. Topel, Wm. Vasatka and Cal Vasatka visited several of the private estates at Lake Minnetonka last week and also enjoyed a day fishing through the ice.

Through an error we reported that H. B. Whitted used two autos making Christmas deliveries. Five cars were used continuously by this firm in rendering its usual prompt service.

Rice Bros. clean up early every day, dividing up stock that is scarce, and in that way receive few complaints from their customers.

J. A. Weber at the Goodrich estate, Zumbra Heights, is cutting some very fine flowers and also has a full crop of fine tomatoes.

Boston:

SUPPLY THIRD BELOW NORMAL.

The supply of flowers coming to this city is very short; in fact, about one-third less than normal and consequently high prices prevail in nearly every line. On Friday and Saturday, January 7-8, prices slackened a trifle, and business was not as brisk, but Monday, January 10, the market seemed to come back to its high-price standard again. Roses sold well all week at from \$4 to \$16 per 100 on the average, commercial grades, all varieties cleaning up well. Carnations also were in demand, the price being from \$4 to \$6 per 100. Sweet peas are becoming more plentiful, and there is a good call for them at \$1.50 to \$2 per 100. Violets sell well at 75 cents to \$1 per 100. Stevia is not plentiful and finds a good market, 25 cents and 35 cents per bunch being realized. Freesia also is scarce and



STORE OF PENN THE FLORIST, BOSTON, MASS.

Cincinnati.

FAIR SUPPLY AND ACTIVE DEMAND.

Business as a whole is very good; now and then there are slow days, but taken as a whole, the demand is steady and active, while the supply of stock is fair. Shipping business is very good. Rose receipts are large and excellent and among others include some excellent American Beauties, Hoosier Beauty, Killarney and Ophelia. The cut of carnations, though a little heavier than it was, and far from the normal cut for this time of the year is apparently sufficient for needs. Lilies are plentiful and have a fair market. Narcissi and daffodils, as well as callas and rubrums, sell pretty well. Lily of the valley is scarce and in demand. Sweet pea receipts are a little larger than they were. Both double violets and orchids are plentiful. Other offerings include stevias, baby primroses, marguerites, callas and rubrums.

CLUB MEETING.

The florists' society's January meeting was well attended. Joseph Hill, Roy Rudolph, Henry Shepperd, Richard Koots and Otto Geiser were elected to membership. A preliminary flower show committee, consisting of C. E. Critchell, chairman, Jos. Hill, J. A. Peterson, W. Ray Murphy and Henry Shepperd, was appointed by President Max Rudolph. W. Ray Murphy gave the final report of the relief committee. After the meeting the club sat down to a fine luncheon.

NOTES.

At the recent organization of the William Murphy Company, W. Ray Murphy was elected president, Mrs. Luna Murphy, vice-president, and L. L. Murphy, secretary and treasurer. W. Ray Murphy was appointed manager and Miss Cora Pherson, who for a long time was assistant to the late Wm. Murphy, assistant manager.

Gus Adrian and wife and others recently successfully reduced an excessive street assessment on their property. Chas. H. Hoffmeister represented them as counsel in the suit.

Albert McCullough, president of the J. M. McCullough Sons Co., was operated upon last week.

C. E. Critchell has been having very large lots of fine American Beauties.

H.

Los Angeles.

BUSINESS HOLDS UP WELL.

Business is keeping up well since the holidays, much to the surprise of everybody. The cold rains and frost have cut down outdoor flowers, reducing stock to inside roses and carnations. About the only exception is some Paper White narcissus that is coming in with some Chinese lilies. Azaleas, which should have been here for the holidays, have at last arrived, and are selling well, even though late.

NOTES.

At a meeting January 4, the Los Angeles County Horticultural Society elected officers for the ensuing year as follows: W. W. Felgate, president; J. Taylor, vice-president; Hal Kruckeburg, secretary; J. McGillivray, treasurer. A very interesting paper on roses was read by Henry W. Turner. The regular quarterly smoker was held at the Bristol cafe, January 5th.

One of the most important business changes of the new year is the change in the California Cut Flower & Evergreen Co. by taking into the business W. Garbett, who has been connected with Darling's Flower Shop for several years. They intend to handle a full line of florists' supplies, making a specialty of everything usually handled by the wholesaler.

Mr. Garland of Wright's Flower Store, is the proud father of a new eight and one-half pound baby boy. They seem to be doing a good business at Wright's. A late shipment of azaleas has arrived, but they are selling all right.

Paul J. Howard, the landscape artist, has located at 1521 West Seventh street, where he has offices. He is also showing a fine line of plants and shrubbery from his Los Nietos nursery which will be used in his landscape work.

The Germain Seed Co. is now making use of their new greenhouse on Whittier road, which will be much to their advantage. They have just received a large shipment of imported plants from Holland and Japan.

Mrs. J. C. Vaughan of Chicago, has gone to San Diego for a few days visit, after which she will return to Pasadena for a more lengthy stay.

The friends of George Watson will be pained to learn of the death of his mother, who died recently in London. She was 74 years of age.

The Redondo Floral Co. reports a good business in Enchantress and Fair Maid carnations, but a general scarcity in other lines.

G. H. H.

Albany, N. Y.

CLUB MEETING.

Unusual interest and a large attendance marked the January meeting of the florists' club, which was called to order in the rooms of the Albany Cut Flower Exchange, by Frank R. Bilson, retiring president, who appointed Fred. Henkes and Morris M. Cohen of New York, a committee to escort the new president, Thomas F. Tracey, to the chair. The report of the secretary showed that the club, January 1, had members in good standing, 61; on delinquent list for dues, 28; new members added, 11; died during the year, three; amount in treasury, \$175.49. The name of Ray C. Cooper, of Cohoes, was balloted upon and he was unanimously elected. A letter was read from James Snyder, of Rhinebeck, a violet grower and member of the club, announcing his inability to be present and informing the members that on Christmas eve, fire destroyed his barn, wagons, equipment, and a pet black horse. To save the horse Mr. Snyder went out of the house in his bare feet and had a narrow escape from pneumonia. Violets for the holidays, he reported, were only half a crop. The secretary was instructed to answer the letter expressing the condolences of the club.

ANNUAL BANQUET.

Louis H. Schaefer of the entertainment committee reported arrangements for the annual banquet to be held after the meeting complete. Not much time was lost in making a motion for adjournment and the members marched to Keeler's on State street where a room in the grill had been reserved and tastefully decorated. Forty men sat around the tables and enjoyed the good things that the busy waiters brought forward. President Tracey named Fred A. Danker toastmaster. Responses were made by Stephen Green, Philadelphia, Pa.; Morris M. Cohen, New York; Henry Hansen, Catskill; John E. Sambrook, Troy, and nearly all the local members. A telegram was read by the toastmaster from Roman J. Irwin, of New York, who expressed his regret at not being able to be present. Louis H. Schaefer in behalf of the members presented to Frank R. Bilson, the retiring president, a leather traveling bag. Mr. Bilson thanked the members in a few words.

Reports from the trade covering the holidays show that business was satisfactory. Some of the retailers have

not yet figured out all their accounts, but they agree that their business was at least as good as a year ago. Violets for some reason did not take well this season. For the past two weeks the weather has been cloudy and greenhouse stock has not been coming in. The result of this is high prices for nearly all lines.

R. D.

Kansas City.

1916 GETS FLYING START.

The local florists during the past week have enjoyed a splendid trade and have made an excellent start in the new year. Funeral work has been extra heavy, and the deaths of several prominent persons called for quantities of good stock. Bouquets for hospitals and pot plants were much in demand, and this being Implement Show week, many decorations added to the volume of business. Cut stock was in good supply but at times a shortage was seen, and not enough could be secured to fill all orders. A cleanup at night was the invariable rule. Roses were good and mostly of long stem and high in price, ranging from eight cents up at wholesale. Carnations showed improvement both in stem and flower, and the supply is more plentiful. Other stock seen on the market includes stevias, white and yellow narcissi, lilies, orchids, violets, sweet peas and lily of the valley.

NOTES.

Funeral work, hospital orders and a heavy demand for pot plants were incidents in a big week's business reported by W. J. Barnes. Decorations for the Implement Show also featured in the rush, one arrangement requiring two and one-half days to put in place.

H. Kusik & Co. featured fine roses, carnations and sweet peas among other excellent stock. Trade has been very heavy with this firm.

The window display of the Wm. L. Rock Flower Co. attracted much attention this week. Funeral work was the leader here.

A. Newell reports a surprisingly good trade. Hospital orders calling for bouquets and baskets were in big demand.

T. J. Noll & Co. report brisk business, both local and shipping. Their rose stock is disposed of as fast as it arrives.

Will Murray has joined the Samuel Murray staff. Trade has been very good at this establishment.

Geo. M. Kellogg Flower & Plant Co. report a heavy funeral demand, both local and out-of-town.

E. J. B.

St. Paul, Minn.

Stock of all kinds is very scarce and everything that arrives in the market finds ready sale. Plants have sold well all season and this has helped business and the shortage of cut flower stock.

NOTES.

Holm & Olson have had a very heavy run of business following the holiday trade, which was the best in the history of this firm. They have been busy with funeral work, one of the largest orders being that for the funeral of Gov. Hammond. Orders for wedding decorations are numerous and everybody is busy at this establishment.

Robert R. Topel reports everything in the line of cut flowers and blooming plants cleaned up with sales 30 per cent better than a year ago. He will add a new auto to his delivery system.

Tom Commandros of the Golden Rule department store reports business 50 per cent better than a year

ago, but could only secure half enough stock for his holiday requirements.

O. R. Eckhardt had the best season's business in his experience. His sales were 50 per cent better than last year, and continue to increase as the new year opens.

John Rovatsos of the Emporium had an extra fine trade for his first season in this city, with results far beyond his expectations.

L. L. May & Co. say business continues brisk since the holidays in plants, cut flowers and funeral work.

T. C. R.

Tacoma, Wash.

NEW YEAR BUSINESS STARTS WELL.

Very good business is the report from all in the trade for Christmas, but during the week between holidays, business took a great slump—practically nothing doing during that period. New Year's business starts out better, however, with better encouragement than for the past three years. Here we have good times or bad, depending on how the lumber industry thrives for that industry leads in volume, and when big shipments are going all other business keeps pace.

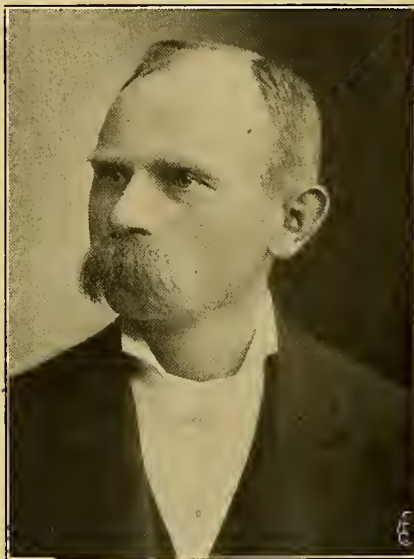
Plenty of cut flowers were in supply for the call, but our leading stores tell of lack of pot plants—generally of the cheaper and medium prices. More chrysanthemums than ever were on hand and prices ruled slightly lower. Only a few azaleas were on sale and few pot bulbs. Carnations were quite plentiful and lower in price for good stock. Of roses there were none too many, and a large percentage of medium and poorer grades. Fewer violets were sold than for many years and they were all the outdoor California grown. Very favorable weather for handling all kinds of stock blessed the business all 'round, so that prompt and safe delivery could be made and very materially aided on the profit side. Taken as a whole, business about balanced that of last year—profits a little higher because the growers got less all 'round. As to cash sales and credit accounts the cash business may foot up to be about 20 per cent less than last year's holiday trade showed, which seems rather unfavorable. It seems to be a fact that entirely too much credit is given and in the main will prove to be a bad education for the flower-buying public in general. Somehow it has, always seemed to the writer that the floral business should show by far the greater percentage as cash business, but when a leading store tells of getting in about 10 per cent cash, we begin to wonder where we are at and how long until the grower will get his money. Taken as a whole, the sunshine and weather conditions have been a little more favorable to the grower than usual so we see a smaller percentage of split and off color carnations than we generally have at this time of year. Not quite so many red carnations as usual and larger per cent of Light Pink Enchantress. Practically none of the late sorts are ever on sale here either of carnations or chrysanthemums, but everything now in the way of a rose may be seen. For the first time in this city, a large per cent of the roses sold are from local production, but it causes wonder when the best of the newer roses are quoted at four to eight cents each wholesale, and a peep at market quotations tells of six to 35 cents all over the east. For the first time in history of our city the supply of local English holly was plentiful enough to meet all local demands, with prices considerably lower than in former years. The quality was very fine, with plenty of well colored berries.

Fewer wreaths were sold than before, however, and less in price, but increased sales of cheaper wreaths of mahonia and evergreens. This climate is specially favorable to all sorts of greens and they are to be had every day in the year and much of it is beautiful for decorative work. Our state began state wide prohibition the first of January and we hope that may be some benefit to florists' business.

S. L. H.

Washington.

Business continues extra good but stock is not plentiful and prices continue high. Roses, with the exception of American Beauties, are bringing from \$6 to \$20. American Beauties



The Late H. F. Halle.

are quoted from \$12 to \$40 and carnations bring from \$3 to \$6 per 100. There are plenty of the latter to go around.

NOTES.

Jake Richards, who has been connected with the trade in this city for a number of years, has gone into business for himself. His establishment, known as the Corcoran Flower Shop, is located on Fourteenth street. He has the best wishes of the trade for a full measure of success.

Geo. C. Schaffer has been exceptionally busy the past week with decorations for receptions, dinners and luncheons.

O. A. C. Oehmler, the G street florist, is making a specialty of small baskets and reports business as very good.

Miss Ballinger, we are glad to note, is back at the helm after a week's illness.

G. C. D.

Providence, R. I.

ENCOURAGING BUSINESS OUTLOOK.

Trade the past week has been very good; funeral work holds out well, the cut flower trade has been good and business all around seems to be booming. Carnations the past few weeks have been scarce, and the prices high. There seems to be at present a shortage of roses and everyone is having a hard time filling orders. There were several coming out parties the past week which called for a good many bouquets and baskets. Paper Whites are still coming in good and the demand for them is normal. Sweet peas are having some very good sales, and violets have started to drop in price.

As the demand for this flower is not very heavy, some of the growers have trouble getting rid of them.

NOTES.

John Marshall of the Fruit Hill Greenhouses is cutting some good buddeias now, and this flower sells well.

The Lapham Floral Company of Pawtucket is cutting some very good Paper Whites.

J. Kopleman & Co. are moving their greenhouses at Oaklawn to their larger place at Riverside.

Azaleas this year are having a very good call, and the stock is good.

H. A. T.

OBITUARY.

William Henry Bowker.

William Henry Bowker, founder of the Bowker Fertilizer Co., Boston, Mass., and president of that company continuously since its organization, died January 4, after a long and useful life. The deceased was born in Natick, Mass., July 3, 1850, and 43 years ago was the first graduate of the Massachusetts Agricultural College, Amherst, of which institution he had been a trustee up to the time of his death. His passing is a great loss to the fertilizer industry, to which he gave liberally of his time and energy, and to the Soil Improvement Committee of the National Fertilizer Association, in particular, which, since the beginning of the work five years ago, has benefited greatly by his advice and active assistance. He was one of the pioneers and staunchest friends of horticultural education, a loyal friend and counselor of agricultural colleges, a valued contributor to many horticultural papers and his years were spent in a sincere effort to show the way to prosperity through greater production of better quality crops.

With the conservatism of his New England ancestors, he combined broad and progressive ideas, optimistic views of current affairs, foresight and keen business acumen cultivated through cosmopolitan associations and reading. In business and private life he will be missed by a host of friends to whom his high ideals, whimsical good nature and counsel endeared him.

Hagbarth F. Halle.

Hagbarth F. Halle, well known florist of Chicago, died suddenly at his store, at 801 Sheridan road, Thursday evening, January 6, aged 56 years. He was born in Denmark and for a time was employed in Germany, coming to this country at an early age. He worked for the Ernst Wienhoeber Floral Co. when Emil Buetener was a member of the firm and about twenty-eight years ago purchased the Klimmer greenhouses at the old number 540 West Madison street. Eight years later he was the leading florist of the city and was a heavy buyer in the Chicago market. The last few years he has been located in Sheridan road and was up and around almost until the day of his death. A widow, a sister of Mrs. H. N. Bruns, survives him. He was a member of Garfield Lodge, A. F. and A. M., and the Oriental Consistory. The funeral services were held from the home of H. N. Bruns, 3023 Warren avenue, Sunday, January 9, at 2 p. m., under the auspices of the Masonic Lodge and at Graceland chapel, Reverend Bailey, of Oak Park, son-in-law of E. C. Amling, officiating. The remains were laid to rest in Graceland cemetery. Quite a number of prominent men in the trade attended and the floral offerings from the retail and wholesale florists and friends were many and beautiful.

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Advertising rates on application.

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Advertisements must reach us Tuesday (earlier if possible) as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE date of Easter this year is April 23, nineteen days later than in 1915.

HUGH DICKSON'S new rose, awarded the Panama-Pacific Exposition thousand-dollar prize, according to E. G. Hill, who has seen the blooms, is a variety of great beauty.

Chicago Novelty Show.

The annual novelty exhibition of the Chicago Florists' Club will be held at the next regular meeting, February 10. Growers are invited to send exhibits of such novelties as they wish to show the trade and shipments may be addressed to A. T. Pyfer, 30 East Randolph street, Chicago, all charges prepaid.

THE new rose Mrs. Bayard Thayer is an excellent addition to the florist's all too limited assortment, judging from the shipment of fine blooms just received from the Waban Rose Conservatories, Natick, Mass. This variety is a sport of Mrs. Chas. Russell with clear rose pink flowers, good stems and foliage.

The Carnation Convention.

CHICAGO TO ST. LOUIS.

The Chicago Florists' Club has selected the Wabash railroad for the trip between Chicago and St. Louis, Mo., both going and returning, on the occasion of the annual convention of the American Carnation Society, to be held in the latter city, January 26-27.

Special cars will be attached to the Banner Midnight Flyer, leaving the Dearborn station, Chicago (Polk and Dearborn streets), January 25, at 11:55 p. m., arriving at St. Louis (Union station), at 7:53 a. m.

The one way rate, Chicago to St. Louis, is \$5.80 if there is a party of 10 or more on the train for this meeting. The Pullman rates, Chicago to St. Louis are: Double lower berths, \$2, upper berth, \$1.60, drawing-room, \$7. Berths will be ready for passengers at 10 p. m. For berth reservations and transportation, address H. L. Purdy, Wabash railroad, 68 West Adams street, Chicago. Telephone, Harrison 4500.

Eastern delegations for the convention are invited to join the Chicago contingent and on request the special cars of parties going to St. Louis by way of Chicago can be switched to the Banner Midnight Flyer without change of baggage or extra charge. A representative of the Wabash railroad will be on hand in convention hall, St. Louis, to arrange for the return trip.

MICHAEL BARKER,

Chairman Transportation Committee,
Chicago Florists' Club.

Ocean Traffic.

McHutchison & Co., New York, write as follows, January 4: "Shipments continue to arrive from Europe in large volume. We expect to have no trouble as the steamers must come here to get munitions for Europe and they bring our shipments with them, but shipments from Madagascar, Sumatra, Java, Australia and such out of the way places are very uncertain, because most of the steamers have been taken off the route and it is very difficult to get shipping space on the few steamers which remain. We have large shipments held up at each of these places waiting for room. All raffia shipments have to come through by way of the Mediterranean and Suez canal, and run the risk of the submarine activity which prevails in those waters. We fortunately stacked up with raffia when we had a chance and now have a considerable supply on hand, but future arrivals will be more and more uncertain. Prosperity is general throughout the country. Nurserymen as a whole are doing a good spring business though trade is bad in spots. The florists have in general had the best Christmas business in their history and any live man now has an excellent chance to extend his business. Success consists largely of grasping the opportunities which pass before us."

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that Lager & Hurrell, Summit, N. J., offer for registration the orchids mentioned below. Any person objecting to the use of the proposed names or registration is requested to communicate with the secretary at once. Failing to receive objection to the registration the same will be made three weeks from this date:

Cattleya Percivaliana Aurora: Flowers very large and of fine shape, sepals and petals rosy lavender, lip large and flat of same color as sepals and petals with a small dark purple blotch in the centre surrounded with orange yellow and purple veins radiating from the throat and extending well forward toward the edges.

Cattleya Percivaliana spectabile: Flowers handsome and well proportioned, five and one-half to six inches across, with purplish lilac sepals and petals. Lip large and showy, with the middle-lobe of darkest purple bordered by a broad band of purplish lilac.

Cattleya Percivaliana resplendens: Flowers six inches and more across, sepals and petals purple lilac, lip of intense purple margined with rosy lilac.

Cattleya Percivaliana Stanley Ranger: A very large and finely shaped variety with flowers measuring over six inches across, sepals and petals purplish lilac, lip very broad and flat, rose and dark purple with a broad fringe of lilac.

Cattleya Percivaliana Superba: Flowers five inches to five and one-half inches across, of good shape, sepals and petals rosy purple, lip dark purple rose and crimson blended with orange yellow, crimson and purple toward the throat.

Cattleya Percivaliana grandiflora: Flowers six inches across, sepals and petals rose purple, lip large rose and dark purple with orange yellow throat suffused with crimson.

Cattleya Percivaliana gigantea: Flowers over six inches across, of fine shape, sepals and petals reddish lilac, lip dark purple with rose purple, margined with rosy lilac.

Cattleya Percivaliana Expanse: Flowers six inches and more across, sepals and petals of a pleasing light, rosy lilac, lip rather flat and spreading two inches across, purple and rose purple with a broad margin of rosy lilac.

Cattleya Percivaliana antropurpurea: Flowers reddish purple all over except the lip, which is deep purple.

Cattleya Percivaliana Oreol: Flowers of fine shape, five inches across, sepals and petals rose purple. The greater part of the lip is orange yellow, veined with crimson, with a blotch of crimson purple in the centre.

Note: In completing the registration of one of the new cannas registered by the Conard & Jones Company, one of the varieties was mentioned as Wyoming. The correct name should be Windmar.

JOHN YOUNG, Sec'y.

January 8, 1916.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Club Meetings Next Week.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]
Montreal, Que., January 17, 8 p. m.—Montreal Gardeners' and Florists' Club, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette St., Montreal.
Boston, Mass., January 18, 8 p. m.—Gardeners' and Florists' Club of Boston, Horticultural hall. William N. Craig, secretary, Faulkner Farm, Brookline, Mass.
Detroit, Mich., January 18, 8 p. m.—Detroit Florists' Club, L. Bomb Floral Co. Henry Foustler, secretary, 237 Woodward avenue, Detroit.
Lake Geneva, Wis., January 18, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Raymond Niles, secretary, Lake Geneva.
Toronto, Ont., January 18, 8 p. m.—Gardeners' and Florists' Association, St. George's hall, Elm street. Geo. Douglas, secretary, 309 Merton St., Toronto.
Newark, N. J., January 19, 8 p. m.—Essex County Florists' Club, Kreuger Auditorium, Belmont and Springfield Aves. Edward Jacobi, secretary, 109 W. Clinton Ave., Irvington, N. J.

Coming Exhibitions.

[Secretaries are requested to supply any omission from this list, and to correct any dates that may have been altered since the last advices.]
January 26-27, St. Louis, Mo.—Annual convention and exhibition of the American Carnation Society. A. F. J. Baur, secretary, 38th and Rockwood avenues, Indianapolis, Ind.
March 7-8, Moline.—Annual meeting and exhibition of the Illinois State Florists' Association. J. F. Ammasso, secretary, Edwardsville.
March 25-April 2, Philadelphia.—Fourth National Flower Show of the Society of American Florists, Convention hall, Broad street and Allegheny avenue. John Young, secretary, 53 West 28th street, New York.
April 5-12, New York.—International Flower Show of the Horticultural Society of New York and the New York Florists' Club, Grand Central Palace, Forty-sixth street and Lexington avenue, New York. John Young, secretary, 53 West Twenty-eighth street, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.
For Plant Advs., See Ready Reference Section.
 Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By a good greenhouse and store man, single, strictly sober and good hustler. Address Key 587, care American Florist.

Situation Wanted—Private or commercial: can be well recommended; age 18 years. Address Key 593, care American Florist.

Situation Wanted—By American, single; have many years experience in greenhouse and outside. Address Key 594, care American Florist.

Situation Wanted—Experienced man wants work around greenhouses, store or warehouse. Chicago preferred. Ready for work. Key XX, care American Florist.

Situation Wanted—By Scotchman, 28 years of age. Married. Experienced in greenhouse and out door work, private place preferred. Address Key 577, care American Florist.

Situation Wanted—By German, 28 years of age, married; six years experience in growing cucumbers in hothouses. Address Key 568, care American Florist.

Situation Wanted—By a young man, single; thoroughly experienced in arranging baskets, care of plants, designing, etc. Call or write C. K., care Wietor Bros., 162 N. Wabash Ave., Chicago.

Situation Wanted—By American, 24, with life experience in roses, carnations, 'mums and general greenhouse stock; could also bring young man as good all-round helper if needed; good references. J. M., Box 37, Loudonville, Albany, N. Y.

Situation Wanted—Swede, age 28, single; competent all around gardener; 12 years experience in different European countries. First-class greenhouse man. References. Address M. OLSON, 50 Houghton St., Dorchester, Mass.

Situation Wanted—By Frenchman, age 30; reliable; desires to learn floriculture; wants position as assistant in greenhouse about February or sooner; private or commercial place; has some experience with orchids; not afraid of work. ALEXIS POIRON, Bustleton, Pa.

Situation Wanted—By competent grower of pot plants, also bedding stock and cut flowers, by industrious German, middle aged, able, with life experience. Can take charge. Eat preferred. Open for engagement now, or by Feb. 1. Please state wages and particulars in first letter. Address Key 586, care American Florist.

Situation Wanted—By February 15. Gardener florist, 38, married, two children, hard working. First class cut flowers, plants, well up on landscape and private place work. Would like to get in communication with private place, institution, or up-to-date commercial place. Prefer place with house and privilege. 26 months in present position. State particulars and wages. Good references. Address Key 595, care American Florist.

Situation Wanted—Young man seeks situation as foreman or assistant on good private place; can furnish first-class references from Great Britain and America. Has had experience in orchids, roses, carnations, bedding stock, general line of pot plants, fruit under glass, etc. Have been in both commercial and private establishments for the last ten years. Can be well recommended from present place. For references, etc., apply to S. THOMAS, 527 Wood st., W. Lafayette, Ind.

Help Wanted—Single man of clean habits, efficient in the care of greenhouses and greenhouse work for A. & M College, Stillwater, Okla. Salary to begin \$50.00 per month. Man using liquor and profane language not wanted. Apply with references and photo giving age and experience to SUPERINTENDENT OF GROUNDS, A. & M. College, Stillwater, Okla.

Situation Wanted FOREMAN OR GROWER

By a first-class all around grower of roses, carnations, 'Mums, Bulbs and pot plants. Good propagator. Capable of taking charge; 18 years experience. Single; middle age. Give particulars and wages. Reference furnished. Address. Key 595, care American Florist.

FOR SALE

At once on account of death, well established flower store, cheap; 4763 Broadway, Chicago, or will sell fixtures separate. Apply H. N. BRUNS, 3040 W. Madison St., Chicago, Ill.

FOR SALE

Modern florists' ice-box, one year old, cost \$400. Also three-drawer cash register cost \$375. For sale reasonable. Act quick.

GEO. WITTBOLD CO.,

L. D. Phone Graceland 1112
 739 Buckingham Place CHICAGO, ILL.

FLORIST

The examination for Florist, announced for January 8, 1916, has been postponed on account of lack of applicants and will probably be held February 5, 1916. The position occurs in most of the State institutions. Salary \$50 to \$75 a month with full maintenance. Open to male residents of Illinois over 21 years old.

Applications must be filed in Springfield before Friday, January 28, 1916.

For application forms and details address the Civil Service Commission, Springfield, Illinois, or 904, 130 North 5th Ave., Chicago.

OFFICIAL S. A. F.

Shipping Labels



Actual size of leaf 2 3/4 x 5 1/4 inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, \$2.35; per 1000, \$4.50. Samples on request. Electro of leaf, postpaid, \$1.25. Cash with order.

AMERICAN FLORIST CO.
 440 S. Dearborn St., CHICAGO.

To Fill the Empty Benches

The Present Demand Is for

YOUNG STOCK

CARNATIONS

CHRYSANTHEMUMS

EASTER PLANT STOCK

Miscellaneous Bedding Plants

ADVERTISE THEM NOW

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

THE NEW ROSE MRS. BAYARD THAYER

that we are offering this season, will make a fine addition to a class of large flowered roses which is rapidly coming to the front, since we introduced Mrs. Chas. Russell of which the new claimant is a sport. The color is a most beautiful clear rose pink, inside of petals a shade lighter. The foliage heavy and smooth and carried on strong stems. It won the American Rose Society Medal, over a strong class of competitors, at the Cleveland Show, scoring 90 points.

PRICE LIST MRS. BAYARD THAYER AND DARK RUSSELL:

	100	250	500	1000	2500	5000	10,000
GRAFTS	\$35.00	\$82.50	\$150.00	\$300.00	\$690.00	\$1,250.00	\$2,300.00
EYES.....	27.00	62.50	110.00	220.00	490.00	850.00	1,500.00

Grafted plants (only) ready after March 1st, 1916. Eyes ready in January, 1916.

Waban Rose Conservatories, Natick, Mass.

Miscellaneous Plants

- Alyssum (Giant and dwarf double).
- Alternanthera (8 varieties).
- Begonia (Vernon mixed).
- Coleus (Golden Bedder, etc.)
- Lemon Verbena.
- Moonvine (Blue and white).
- Salvia (Bonfire and Zurich).
- Senecio Argenteus (Dusty Miller).
- Swainsona (Alba and Rosea).
- Ageratum (6 varieties).
- Cuphea (Cigar Plant).
- Fuchsias (10 varieties).
- Lantanas (10 varieties).
- Parlor Ivy (Senecio Scandens).
- Petunias (Double and single).

2 inch, \$2.00 per 100; \$18.50 per 1000.
3-inch, 3.00 per 100; 25.00 per 1000.

R. Vincent Jr. & Sons Co.
White Marsh, Md.

Cleveland.

SHORT SUPPLY AND HEAVY DEMAND.

There is not a great deal to be said about the market conditions this week that has not been told over and over again for the past two months, and that is about the limited amount of stock receipts. The shortage we are now experiencing is one of the worst and longest drawn out affairs that we have ever contended with and coupled with this is a demand for stock that is unprecedented and mostly for shorter grades of roses and carnations suitable for funeral work. A very few Freesia Purity and snapdragons are beginning to arrive. Stevia is about done for and Paper White narcissi arrive in ever diminishing quantities. A few daffodills arrive; also a few tulips are seen. Orchids have been in good demand and the quality of stock arriving is of the best. Roses, carnations and sweet peas are far short of the requirements. A few callas help for funeral work. Many wax roses are being used, and one retailer reports selling many Christmas wreaths that were left over, and almost anything that looks like a flower is being used.

NOTES.

The council chamber and various offices in the city hall were profusely decorated with flowers presented to the incoming administration by their friends on Monday of the past week.

Visitors: Milton Alexander of Lion & Co., and Julius Dilhoff, representing Schloss Bros., New York.

C. F. B.

HAMILTON, O.—Charles Federle, a well-known florist here, died suddenly January 2, aged 56 years.

Carnation Cuttings

Can supply you with as many as you need in the following varieties of the usual fine Reinberg quality; Order today.

	Per 100	Per 1000
Enchantress.....	\$2.00	\$18.00
Rose-Pink Enchantress.....	2.00	18.00
White Enchantress.....	2.00	18.00
White Perfection.....	2.00	18.00
White Wonder.....	2.50	20.00
Mrs. Ward.....	2.00	18.00
Zoe Symonds.....	2.00	18.00
Philadelphina.....	2.00	18.00
Champion.....	3.00	25.00
Beacon.....	2.50	20.00

Extra fine stock—Ready for immediate shipment.

Rose Plants, 2½ in.

The quality of the plants we are offering is in keeping with the splendid cut stock that won so many first prizes at the last big Chicago Flower Show.

	Per 100	Per 1000
Killarney.....	\$4.00	\$35.00
White Killarney.....	4.00	35.00
Maryland.....	4.00	35.00
Richmond.....	3.00	25.00
Sunburst.....	4.00	35.00
Milady.....	4.00	35.00
Ophelia.....	5.00	45.00
American Beauty.....	4.50	40.00

Ready for shipment February 1, 1916.

Peter Reinberg

30 E. Randolph St., Chicago, Ill.

LATEST EDITION

ISSUED JULY, 1915

The American Florist Company's

Trade Directory

FOR 1915

Contains 548 Pages.

Price \$3.00 Postpaid.

THE AMERICAN FLORIST COMPANY'S Trade Directory for 1915, fully revised to date, with thousands of new names and changes of address, is now ready for distribution. It contains 548 pages, including complete lists of the Florists, Seedsmen and Nurserymen of the United States, Canada, Central and South America arranged both by states and towns and all names alphabetically. Also lists of Foreign Merchants, Firms Which Issue Catalogues, Horticultural Supply Concerns, Parks, Cemeteries, Landscape Architects, Experiment Station Horticulturists, Botanical Gardens, Seed Growers, and much other conveniently indexed and invaluable trade information.

PUBLISHED BY THE

American Florist Co.

440 S. Dearborn St., CHICAGO

DORNER'S NOVELTY FOR 1916

New Salmon Pink Carnation **NANCY**

Color, light salmon pink, a little darker than Pink Delight and a more even color. Blooms are good commercial size, three inches and over, nicely formed and have never shown a burst d calyx. Stems always hold the flower upright. The habit is a quick productive growth and as a producer it stands highest among commercial varieties. Color does not fade. Fragrance is very noticeable. Having an excellent cerise pink and an improved yellow to offer in 1917, we have decided to disseminate the variety NANCY this year (1916). For a light pink that will produce quantities of bloom and is commercially good in every respect, plant NANCY. The stock is limited and orders will be filled in rotation as received. Price, rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

STANDARD VARIETIES OF CARNATIONS AND 1915 INTRODUCTIONS. READY NOW.

	Per 100	Per 1000
Pink Sensation.....	\$6.00	\$60.00
Good Cheer.....	6.00	50.00
Alice.....	6.00	50.00
Matchless.....	3.50	30.00
Yellow Prince.....	3.50	30.00
Champion.....	3.00	25.00
Yellowstone.....	3.00	25.00
White Wonder.....	3.00	25.00
White Enchantress.....	3.00	25.00
Rosette.....	3.00	25.00
Mrs. C. W. Ward.....	3.00	25.00
Enchantress.....	3.00	25.00
Gloriosa.....	3.00	25.00
Benora.....	3.00	25.00

Chrysanthemum Early Frost The Early White Mum. February Delivery. This variety has proven so satisfactory that the demand for stock will be greater than the supply. Place your order now. We have a large stock. Rooted cuttings, \$7.00 per 100; \$60.00 per 1000.

F. DORNER & SONS CO., Lafayette, Ind.



THE NEW PINK FORCING ROSE Coming-**CHAMP WEILAND**-In March

Exquisite in color—Remarkable in size, beauty and foliage.

YOU NEED THE BIG MONEY MAKER OF 1916.

OWN ROOT

100 plants for.....	\$ 30.00
250 plants for.....	70.00
500 plants for.....	125.00
1000 plants for.....	250.00

Orders filled strictly in the Order as booked.

GRAFTED

100 plants for.....	\$ 35.00
250 plants for.....	82.50
500 plants for.....	150.00
1000 plants for.....	300.00

WEILAND & RISCH

Originators and Growers

154 North Wabash Avenue,

CHICAGO, ILL.

Fine stock of
KENTIAS
in all sizes. Write for prices.

Asplenium Nidus Avis
(Bird's-nest Fern)
in 7, 8, 9 and 10 in. pans at greatly reduced prices.
Fine for the Holiday trade.
Fernish Ferns in flats and 2½ inch pots a Specialty.
Write for Wholesale Catalogue to

H. PLATH
THE FERNERIES
Lawrence and Winnipeg Avenues
SAN FRANCISCO, CALIF.

Mention the American Florist when writing

St. LOUIS, Mo.—Frank X. Gorly, of the firm of Grimm & Gorly, has sold his residence property and has purchased 163 feet of property on Lee avenue, where he will erect stores and flat buildings to cost \$35,000.

MISS THEO.

The most prolific Rose Pink Carnation on the market. Every visitor places an order. See previous ads.
Rooted cuttings, \$12.00 per 100; \$100.00 per 1000.

LITTLEFIELD & WYMAN

NORTH ABINGTON, MASS.

"Alice Has Made Good"

by proving to be **THE BEST COMMERCIAL CARNATION** disseminated in years. Hundreds who tried it are delighted and will largely increase their plantings next season. Cuttings ready now. Price, per 100, \$6.00; per 1000, \$50.00.

Descriptive list on application.

PETER FISHER, Ellis, Mass.

Orchids Pansies Farleyense
Double and Single Violets
Blue and Pink Cornflowers

Other Novelties, as w
as all Standard
Varieties
of

A grand deep pink bloom,
handsome form, strong
stem, fine foliage, very fra-
grant, better shaped and
deeper color than Russell.
Prima Donna is a money
maker.

SEEDLING CARNATION
Laura Weber
ROOTED CUTTINGS, EARLY DELIVERY, \$12.00 per 100; \$100.00 per 1000.
Color grand! Deep Salmon pink, large bloom, strong stem,
excellent keeper and shipper.

Growers!
We have the
largest and best
equipped store in New
York.
Can handle more consignments
of Good Stock!
One good turn
deserves
another

(Madame
Paul Euler)
(Florex Gardens Strain)

Plants Ready
February 15.
ROSE
Prima Donna

Retailers!!!
Our establishment
is the home of
Novelties!!!

ORDER EARLY!
\$15.00 per 100
\$125.00 per 1000

Roses
and Carnations

Early Lavender Pink Chrysanthemum
Alex. Guttman
We offer for early delivery rooted cuttings or pot plants
50¢ each; \$5.00 per dozen; \$35.00 per 100.
Mum growers shouldn't be without this one.

Guttman & Raynor, Inc.

TELS. FARRAGUT
558-2036-2037

Wholesale Florists
101 W. 28th St., NEW YORK

PLANT A LIVE ONE

AVIATOR

Best Scarlet Carnation Ever Offered

AVIATOR is an unusually productive carnation and will produce 30 blooms per plant per season, with a heavy crop for Christmas. We have already cut on an average of over 14 blooms per plant from stock benched September 5, 1915, and are still cutting heavily every day. Our records show that **AVIATOR** is the best money maker on our place and is a variety that every grower should buy if interested in greater profits. Color is an intense scarlet and the flower has a fine full center. Stem is thin, wiry and stiff, and the calyx non-bursting. Every break develops into a perfect flower in a remarkably short time. Place your order right now for **AVIATOR** and get on the band wagon so that when the music starts up next season you will be among the successful ones to gather in the coin.

ROOTED CUTTINGS, \$12.00 per 100; \$100.00 per 1000.

For list and prices of other varieties see our advertisement in the Ready Reference Department of this paper.

J. D. Thompson Carnation Co.
JOLIET, ILLINOIS

POEHLMAN

72-74 E. Randolph St.,

FINE LARGE CROP OF CATTLEYA AND GARDENIAS

AMERICAN BEAUTIES—MRS. CHAS. RUSSELL
CARNATIONS, VALLEY, EASTER LILIES.

CURRENT PRICE LIST

AMERICAN BEAUTIES

	Per Doz.
Specials, 48-60 in.....	\$6.00
36 in.....	5.00
30 in.....	4.00
24 in.....	3.00

Advise ordering Russell roses instead of shorter American Beauties—they give better satisfaction.

MRS. CHAS. RUSSELL

	Per Doz.
30 to 36-in.....	3.00
26 to 28-in.....	2.50
22 to 24-in.....	2.00
18 to 20-in.....	1.50
16-in.....	1.00
Short, per 100.....	6.00

Hoosier Beauty
RICHMOND
HADLEY
OPHELIA
SUNBURST
MILADY
Kill. Brilliant

	Per 100
Special, Charged accordingly	
Long.....	\$12.00
Med.....	10.00
Short....	6.00

BULGARIA
AARON WARD
KILLARNEY
WHITE KILLARNEY

	Per 100
Special...Charged accordingly	
Long..	\$10.00 to \$12.00
Medium..	8.00
Short....	4.00 to 6.00

MINIATURE ROSES

CECILE BRUNNER, also called Sweetheart
Roses..... per 100, \$3.00 to \$4.00
GEORGE ELGAR, yellow..per 100, 3.00 to 4.00
FIREFLAME, pink.....per 100, 4.00 to 10.00

MISCELLANEOUS

	Per 100
Sweet Peas, Spencer.....	\$1.50 to \$2.50
Violets, double or single.....	1.00 to 1.50
Mignonette.....	6.00 to 8.00
Stevia.....	2.00 to 2.50
Freesia.....	.00
Jonquils.....	.00
Paper Whites, Romans.....	.00
Smilax,.....doz.	\$2.00
Plumosus... ..per 100,	\$2.00 to \$3.00
Sprengeri..... per 100,	2.00 to 3.00
Adiantum..... per 100,	1.00
Galax, green and brown.....	1000, \$1.50
“ “ “ “.....	100, .20
Leucothoe.....per 100,	.75
Mexican Ivy.....1000,	\$6.00; 100, .75
Ferns.....1000,	\$2.50; 100, .30
Boxwood.....bunch, 25c; box,	7.50

ORCHIDS

Market Price

Cattleyas.....\$5.00 to
Gardenias......00 to
Cypripediums.... .2.00 to

EASTER LILIES

Per 100.....\$12.00 to \$

LILY OF THE VALLEY

Per 100.....\$3.00, \$4.00,

CARNATIONS

Best Fancy, all colors...\$5.00 to
Medium, per 100.....
Short and splits.....

TULIPS

Fancy..... Per 100,
Good..... Per 100,

WILD SMILAX

Per case.....

SUPPLY DEPARTMENT.

Accessories for

St. Valentine Day

CORSAGE SHIELDS

Chiffon, \$2.00 doz.; Transparent, 50c doz.

SPECIAL CORSAGE TIE

No. 5 ribbon with tassels, \$1.25 per doz.

4-INCH PINS, PEARL-HEADED

All colors, \$1.00 per gross.

HUGHES' VALENTINE BOX

24x5x3½ inches, \$2.00 for ten.

SPECIAL

WAX PAPER

The dry Wax will not stick.
24 inch rolls, White and Green, per lb., 12

HEART SHAPE BOXES

Nest of two, 25c.

N BROS. CO.

Distance Phone, **CHICAGO, ILL.**
 Randolph 35.

ALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
 Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

PALMS



Kentia Belmoreana

Made-up Plants			
7-in. pots	3 plants in a pot	32-34 in. high	3.00
8-in. tubs	4 plants in tub	38-40 in. high	4.00
Specimens, heavy, \$12.00, \$15.00, \$20.00.			

Kentia Belmoreana

Single Plants			
4 inch pots,	5 to 6 leaves,	16 to 18 in. high	Each \$0.40
\$4.50 per dozen.			
6-inch pots,	6 to 7 leaves,	24 in. high	1.00
6-inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
8-inch tubs,	6 to 7 leaves,	36 to 38 in. high	3.50
8-inch tubs,	6 to 7 leaves,	56 to 58 in. high	6.00
8-inch tubs,	6 to 7 leaves,	62 to 64 in. high	7.00

Kentia Forsteriana

Made-up Plants			
7-inch pots,	3 plants in a pot,	36 in. high	Each \$2.50
7-inch tubs,	4 plants in a tub,	38 in. high	3.00
8-inch tubs,	4 plants in a tub,	38 to 42 in. high	3.50
8-inch tubs,	4 plants in a tub,	48 to 50 in. high	5.00
8-inch tubs,	4 plants in a tub,	52 to 54 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	60 to 64 in. high	10.00
12-inch tubs,	4 plants in a tub,	5½ ft. high	12.00
12-inch tubs,	4 plants in a tub,	5½ to 6 ft. high	15.00
15-inch tubs,	4 plants in a tub,	6 to 6½ ft. high	\$18.00 to 20.00
Specimens, heavy, \$35.00, \$40.00.			

Kentia Forsteriana

Single Plants			Each
4-inch pots,	5 to 6 leaves,	18 to 20 in. high	\$ 0.40
\$4.50 per doz.			
6-inch pots,	6 leaves,	28 to 30 in. high	1.00
6-inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6-inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
8-inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10-inch tubs,	6 to 7 leaves,	5 to 5½ ft. high,	8.00
10-inch tubs,	6 to 7 leaves,	5½ to 6 ft. high	10.00

Phoenix Roebelenii

Single Plants			Each
3-inch pots,	nicely characterized,	\$3.50 per doz.	
5-inch pots,	15-in. high, 20-in. spread		\$1.00
6-inch pots,	18-in. high, 24-in. spread		1.75
7-inch pots,	28 in. high, 34-in. spread		2.50
8-inch tubs,	30 in. high, 36-in. spread		3.50
10-inch tubs,	35-in. high, 42-in. spread		\$5.00 to 7.50

Dieffenbachia Magnifica

5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
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Anglonaema Picta

5-inch.....	Each, \$0.75	6-inch.....	Each, \$1.00
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Areca Lutescens

8-inch tubs,	5 plants, 44-46-in. high, each,	\$4.00 to \$4.50
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Dracaena

6-inch pots,	Dracaena Amabilis.....	Each, \$1.25
6-inch pots,	Dracaena Baptistii.....	" 1.25
5½-inch pots,	Dracaena Massangeana....	" .75
5-inch pots,	Dracaena Imperialis.....	" 1.25

ROSE STOCK

Choice 2½-inch Grafted and 2½-inch Own Root Plants for March Delivery.

2½-in. Grafted		2½-in. Own Root		2½-in. Grafted		2½-in. Own Root	
Per 1000		Per 1000		Per 1000		Per 1000	
cell,	\$120	None		Hoosier Beauty,	\$105		\$63.00
urney,	100	\$56.70		Hadley,	105		63.00
te Killarney,	100	56.70		Cecile Brunner,	100		56.70
urney Brilliant,	100	56.70		Elgar (Special Only)	100		56.70
d,	100	56.70		Francis Scott Key,	110		63.00
dy,	100	56.70		Fire Flame,	100		56.70
elia,	100	56.70		Lady Alice Stanley,	120		73.50
mond,	100	56.70					

Miscellaneous Plants

Boston, Whitmani and Roosevelt Ferns, Pandanus Veitchii, Crotons, Asparagus Plumosus, Araucarias, Etc. Best Obtainable.

ARAUCARIA ROBUSTA COMPACTA

Each	
ers.....	\$1.50, and \$2.50

ARAUCARIA EXCELSA

Each	
ers.....	\$1.00
ers.....	1.50
ers.....	2.00

FERNS

Boston, Roosevelt and Whitmanl	Each
pot, Boston and Roosevelt only	\$0.25
pot.....	0.50
pot.....	\$2.00 to 2.50
pot.....	3.00 to 3.50

PANDANUS VEITCHII

Each	
4-inch pot.....	\$0.35
5-inch pot.....	.50
6-inch pot.....	.75

CROTONS.

In finest varieties, beautifully colored and wellfurnished with leaves to the pot. Each

6-inch pot.....	\$.75 to \$1.00
-----------------	-----------------

ASPARAGUS PLUMOSUS

2¼-inch pot.....	\$3.00 per 100
3-inch pot.....	6.00 per 100
Made-up in pans.....	\$4.20 per doz.

TABLE FERNS

Per hundred.....	\$3 50
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CYCLAMEN

4-inch pot.....	\$ 3.60 per doz.
5-inch pot.....	6.00 per doz.
6-inch pot.....	9.00 per doz.

SHAMROCK PLANTS

For St. Patrick's Day

1-in. and 2-in. plants,	\$3.00 per 100; \$25.00 per 1000.
March Delivery.	

BEAUTIES!

Very fine long stemmed stock---Best in Market

American Beauties		Per doz.
Extra long stem Specials.....	\$5.00 to \$6.00	
Stems 36 inch.....		4.00
Stems 24 to 30 inch.....	2.00 to 3.00	
Shorter lengths.....	.75 to 1.50	

Richmond, Ophelia, Brilliant, Rhea Reid and Shawyer		Per 100
Extra long stems.....		\$12.00
Good length stems.....		10.00
Medium stems.....		8.00
Short stems.....	5.00 to 6.00	

Cecile Brunner or Sweetheart Roses	
Per bunch of 25 buds.....	75c to \$1.00

Sunburst, White and Pink Killarney and Hillingdon		Per 100
Extra long.....		\$12.00
Good length.....		10.00
Medium.....		8.00
Good short.....	5.00 to 6.00	

Carnations		Per 100
All colors.....		\$6.00
Stevia, very fancy, per bunch.....	\$0.40 to \$0.50	
Sweet Peas, very choice.....	2.00 to 2.50	
Valley, per 100.....	4.00 to 5.00	
Paper Whites, per 100.....		4.00
Choice Common Ferns, per 1000.....		2.50
Asparagus and Sprengeri, per 100.....	\$2.00 to 3.00	
Galax Leaves, per 1000.....		1.00

Sweet Peas, Jonquils and All Other Stock at Market Prices.

We are Growers and Guarantee the Quality of all the Stock We Sell.

BASSETT & WASHBURN

OFFICE AND STORE

178 N. Wabash Ave., CHICAGO, ILL.

L. D. Phone, Central 1457.

GREENHOUSES

HINSDALE, ILLINOIS.

Chicago.

STOCK MORE SCARCE THAN EVER.

Stock is more scarce than ever this week and is bringing regular Christmas prices. Carnations especially are in brisk demand and in short supply, cleaning up quickly each day at prices ranging from \$4.00 to \$6.00 per 100. Roses are also selling well and there is a particularly heavy demand for short stock for funeral work at \$5.00 and \$6.00 per 100. Usually white and pink roses were specified but owing to the general scarcity of stock the buyer is willing to take any color at these figures and considers himself lucky if his order is accepted. There is a good supply of longer stemmed roses arriving but there is no surplus when the stores close at night. American Beauty roses are selling well at good prices, but could bring more money considering the general market conditions. Sweet peas are a trifle more plentiful but sell readily at prices ranging from \$1.50 to \$3.00 per 100. Lilies are moving quickly and several shipments from the east have been received this week. Lily of the valley is none too plentiful, and while orchids and gardenias appear to be plentiful, they clean up well each day at satisfactory prices. Several shipments were received from the south this week and brought almost as good prices as the local grown stock. Violets have not been any too plentiful at times during the week and several shipments from California which arrived at the right time brought good figures. Paper White narcissi are in brisk demand and the same holds good for freesias, which are arriving in larger quantities. Mignonne is in fair supply, but the receipts of stevia are gradually falling off. Jonquils, Romans, tulips, callas, snapdrag-

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

Magnolia Leaves

Red-Green-Brown. Guaranteed to be perfect.

**\$1.00 PER CARTON
SUPPLIES**

Complete line at lowest prices in the country. Replenish your stock now. Try us once—You will buy here always.

Chicago's Largest Dealers in Decorative Greens

ons, pansies, bouvardia, daisies, calendulas and larkspur are among the offerings and clean up at an early hour like all the other stock at good prices. Stock never was so scarce or brought such high prices at this time of the year as it is this season, and if business continues to be at all good there will be no great surplus to speak of until well along in March. Collections are

none too good and never were so poor for the past five years, but whether this is due to the fact that everyone has been so busy since the holidays remains to be seen, but everyone is inclined to believe that checks will be more numerous the coming week, at least all of the dealers hope so, for they could be used to good advantage right now. Owing to the general scarc-

PETER REINBERG

30 East Randolph St., Long Distance { Central 2846, CHICAGO
 Phones: { " 601,

LARGE CUTS

RUSSELLS--BEAUTIES

Killarney, White Killarney, Killarney Brilliant,
 Ophelia, Sunburst, Milady, Etc. Order Here.

Buy Direct From The Grower.

CURRENT PRICE LIST:

Subject to Change Without Notice.

AMERICAN BEAUTIES		Per doz.	MRS. CHAS. RUSSELL		Per 100
Extra long stems.....		5.00	Specials		\$20.00
48-inch stems.....		4.00	Select		15.00
36-inch stems.....		3.00	Medium		12.00
30-inch stems.....		2.00	Short	\$8.00 to	10.00
20 to 24-inch stems.....		1.00	Carnations, fancy		6.00
Short stems .....		.75	" good		5.00
Killarney.....			Harrisii..... per doz.,	\$1.50 to \$2.00	
White Killarney ..			Valley	\$4.00 to	\$5.00
Killarney Brilliant	Per 100	\$12.00	Violets		1.50
Sunburst.....	Specials	10.00	Smilax..... per doz, strings,	\$2.00	
My Maryland.....	Select	8.00	Adiantum	1.00 to	1.50
Ophelia.....	Medium	6.00	Asparagns, per bunch.....	.50c to 75c	
Richmond.....	Short	6.00	Ferns, per 1000.....	\$2.50	
Milady			Boxwood	per bunch, 25c	
ROSES, our selection.....		\$5.00	Galax, bronze and green...per 1000,	\$1.00	
			Stevia	1.50 to	2.00
			Sweet Peas	1.50 to	2.00
			Leucothoe Sprays .....	.75 to	1.00

2,000,000 Feet of Modern Glass

You Can Increase Your Profits and Business

By sending your orders for Beauties, Orchids, Roses, Carnations, Lilies, Valley, Violets, Sweet Peas, Stevia, Narcissus, Mignonette and all other Cut Flowers and Greens to

J. A. BUDLONG

184 North Wabash Avenue, CHICAGO.

Quality Speaks Louder Than Prices.

ROSES, VALLEY and CARNATIONS A Specialty.....

WHOLESALE Grower of

CUT FLOWERS

Shipping Orders Given Careful Attention

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

ity of stock and the large amount of funeral work throughout the country green goods have been in good demand and while at times there is a scarcity in one or two items, there is most always plenty of stock to go around. Boxwood appears to be in unusually good demand.

NOTES.

August Lange, who decorated the funeral car when the remains of the late governor of Minnesota reached Chicago, has received a highly complimentary letter, every member of the delegation commenting on the beauty and appropriateness of the entire plan.

Chairman Asmus of the National Flower Show Committee, is attending a meeting of that body in Philadelphia, this week.

The death of H. F. Halle, one of the old-time florists, is recorded in our obituary column this week.

WIETOR BROS.

162 N. Wabash Ave.,

Long Distance Phone,
Randolph 2081.

CHICAGO

Current Price List--

Subject to change without notice.

AMERICAN BEAUTIES.

	Per doz.
48 to 60-inch stems.....	\$5.00
36-inch stems.....	4.00
30-inch stems.....	3.00
24-inch stems.....	2.50
20-inch stems.....	2.00

ROSES.

	Per 100
White Killarney.....	} Extra Special.....\$8.00 Select..... 7.00 Fancy..... 6.00 Medium..... 5.00 Good..... 4.00
Pink Killarney.....	
Killarney Brilliant.....	
Richmond.....	

CARNATIONS.

Fancy.... per 100, \$5.00	Good.....per 100, \$4.00
---------------------------	--------------------------

SUNBURST.

	Per 100
Extra Special.....	\$10.00
Select.....	8.00
Fancy.....	7.00
Medium.....	6.00
Good.....	5.00

ROSES, our selection, \$5.00 per 100.

MISCELLANEOUS.

Lilies.....	per doz., \$1.50 to \$2.00
Ferns.....	per 1000, \$2.50
Smilax.....	per dozen strings, 2.00
Adiantum.....	per 100, 1.00
Galax.....	per 1000, 1.00
Sprengerl.....	per bunch, .50
Asparagus Sprays.....	per bunch, .50

Other Green Goods Market Rates.

Niles Center is making a strong effort to stop Du Pont de Nemours or anyone else from storing powder in the hastily constructed corrugated iron warehouses in the heart of the village where the Du Pont Powder Mills have acquired title to a ten-acre plot. The town board and others held a meeting last week when they resurrected the state laws that no powder is to be stored within a half mile of the village limits and passed an ordinance prohibiting the transportation of explosives through the village streets. Meanwhile two cars of powder are being held up outside the town limits. The residents probably remember the explosion at Prairie View, Wis., not long ago when there was a hole made big enough to put all of Niles Center in, and at which time some of the show windows in the large department stores in this city were destroyed from the shock. The people are doing everything to protect the buildings, churches and greenhouses, and claim they are going to keep the powder out if they have to fight. There are a large number of greenhouses in that vicinity, including the Stielow Range and Poehlmann Bros. Co.'s greenhouses at Morton Grove are not so very many miles away.

There were a large number of floral pieces seen at the funeral of Miss Catherine Goggin, which was held at the Holy Name Cathedral, Saturday, January 8, and also at the Council Chamber of the City Hall, where the body laid in state for 24 hours. Miss Goggin was the best friend the school teachers in this city ever had. Over 15,000 persons filed silently past the coffin just before it was closed to the public and preparations were made for the funeral cortege to move to the cathedral, where solemn requiem mass was celebrated at 10 o'clock. The largest floral piece was made by A. Vanderpoel, 4013 Colorado avenue, and was a five-foot representation of the seal of the Chicago Federation of Labor. Twelve hundred roses and carnations composed the wreath, which attracted most attention. Other large floral pieces were sent by the Chicago Federation of Labor, Illinois Federation of Labor, American Federation of Labor, Catholic Order of Foresters, Peter Reinberg and by many other societies and individuals. The orders were pretty well distributed amongst

the retailers and called for an unusually large supply of stock.

W. J. Keimel started out January 10 to secure new members for the Society of American Florists and up to four o'clock had enrolled 11. Everyone who can possibly afford it ought to be a member of the national society and should remember when joining that there is no better person to give their application to than Mr. Keimel, who is always ready to devote a good share of his time to a worthy cause whenever the occasion presents itself.

Joseph C. Craig, 120 South Wabash avenue, says that he has never known a time when funeral orders were so plentiful as last week, when the sales broke all records for the past 15 years. He has experienced no trouble in securing stock, for he is a cash buyer and the lady on the dollar is as welcome as the flowers in January right now. His son, Arthur, has been confined to his home several days with a severe cold.

The A. A. Arnold Paper Box Co., 1302 West Division street, has a nice line of red heart-shaped boxes to offer for St. Valentine's day, in addition to the one with a white glazed top printed in two colors with a red heart and gold arrow design that attracted so much attention in former years. Their supply is limited and all orders will be filled in rotation.

Zech & Mann are showing a large supply of fancy freesias of the variety Purity, which are in brisk demand at present. Allie Zech and Matt Mann will attend the annual convention and exhibition of the American Carnation Society at St. Louis, Mo., January 27-28.

The Chicago Floral House, 41 West Randolph street, has opened a temporary store at 144 North State street. Gust P. Constantino is looking after the new place and his brother, George, is in charge at the old headquarters.

E. W. Siebrecht, of Winona, Minn., was in the city January 8 on business connected with the rebuilding of his range. He is a brother of Ed. Siebrecht, manager of the Rosery, North Clark street.

Percy Jones is having a special sale on magnolia leaves this week which he finds in good demand for funeral work owing to the general scarcity of flowers. Greens of all kinds are always a leader here.

U S Budlong's E Blue Ribbon Valley,

Violets

Roses--Carnations

White and Yellow Narcissus, Galax,
Ferns, Asparagus Strings, Etc.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

Miss Anna Helford is the latest addition to the office force at the John Kruchten Co.'s establishment. C. L. Sherer, one of the members of this firm, is in Milwaukee, Wis., on business.

The National Plant & Flower Co., 1249 West Sixty-first street, is going to build two new houses and a service building in the near future.

The directors of the Chicago Flower Growers' Association held a meeting at their store on North Wabash avenue, Tuesday, January 11.

Mrs. Arthur Schutz, of Hammond, Ind., underwent a serious operation last week and is getting along as nicely as can be expected.

Word was received here this week that Henry Kusik, of H. Kusik & Co., Kansas City, Mo., was married Tuesday, January 11.

Louis Bauscher, of Freeport, has accepted a position as manager at Adolph Malchow's North Clark street store.

Clarence Bowen is now associated with his brother Eugene in the retail business at 108 East Fifty-first street.

Chas. C. Young, with C. Young & Sons Co., St. Louis, Mo., was seen in the market, buying stock January 10.

Nick Thinnas, 7446 North Western avenue, will grow the new scarlet carnation Aviator next season.

Paul M. Palez, of Little Rock, Ark., was a visitor in the wholesale market January 11.

H. N. Bruns received a car of German lily of the valley pips this week.

Fred Schramm of Park Ridge is confined to his home with the grip.

A. L. VAUGHAN & CO.

161 N. Wabash Ave.,

(NOT INC.)

TELEPHONES: { Central 2571
" 2572
Auto. 48-734

CHICAGO

Beauties-Roses-Carnations-Freesias

Order Here **Current Price List:** Order Here

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES.		Per doz.	CARNATIONS, common		Per 100	
Long stems		\$5.00 to \$6.00	"	fancy	\$5.00 to \$6.00	
36-inch stems		4.00	MISCELLANEOUS.			
30-inch stems		3.00				
24-inch stems		2.50				
20-inch stems		2.00				
18-inch stems		1.50				
MRS. CHAS. RUSSELL.						
Specials		Per 100 \$25.00	Cattleyas per doz., \$7.50			
Select		20.00	Valley		\$ 4.00 to \$ 5.00	
Medium		10.00 to 15.00	Violets		1.00 to 1.50	
Short		8.00 to 10.00	Freesias		4.00 to 5.00	
ROSES.			Paper Whites		4.00	
Richmond—Mifady—Extra long		Per 100 \$12.00	Romans		3.00 to 4.00	
" Fancy		10.00	Stevia		4.00	
" Medium		8.00	Lilies	per doz., \$1.50 to \$2.00	6.00 to 8.00	
" Short		6.00	Mignonette		6.00 to 8.00	
White Killarney	Special	\$12.00	Callas	per doz., 2.00	1.50 to 2.00	
Killarney		Fancy	10.00	Sweet Pens		1.50 to 2.00
Killarney Brilliant		Medium	8.00	Smilax	per doz., \$2.00	
Ward		Short	6.00	Adiantum		1.00
Sunburst			Asparagus Strings	each, 75c		
Ophelia			Asparagus Plumosus, per bunch		35c to 50c	
Maryland			Fancy Ferns	per 1,000, \$2.50		
Roses, our selection		5.00	Wild Smilax	per case, 5.00		
			Boxwood	per lb., 25c; 50 lbs., 7.50		
			Leucothoe Sprays		.75	
			Mexican Ivy		.75	

An examination will be held by the Illinois State Civil Service Commission at Anna, Carbondale, Charleston, Chicago, DeKalb, East St. Louis, Elgin, Jacksonville, Kankakee, Lincoln, Macomb, Mt. Vernon, Normal, Peoria, Pontiac, Quincy, Rockford, Springfield, Urbana and Watertown for the position of florist on Saturday, February 5, 1916. The position pays a starting salary of \$55 a month with full maintenance with possibility of an increase to \$75 with full maintenance. The examination was previously announced for January 8, but has been postponed until February 5, 1916, owing to lack of applicants. Duties involve the cultivation of flowers and plants, preparation and care of flower beds and lawns, supervision of persons assisting in this work. Several years' experience either in outdoor or indoor cultivation of flowers is required for this position. The examination will consist of the following parts: Training and experience, 4; technical knowledge of flower growing and greenhouse methods, 6; total 10. Applications for this position must be on file at Springfield before 5 p. m., January 29, 1916. Applications may be secured from the State Civil Service Commission at Springfield, or at room 904, 130 North Fifth avenue.

The following have signified their intention of joining the local delegation to the St. Louis convention of the American Carnation Society, leaving Tuesday, January 25 on the Wabash Railroad at 11:55 p. m.: C. L. Washburn, E. Reichling, Wm. E. Tricker, C. W. Johnson, Geo. Asmus, W. N. Rudd, P. W. Peterson, Anton Then, A. T. Pyfer, Allie Zech, John Then, J. E. Pollworth, Fred Lautenschlager, James Morton, Matt Mann, P. J. Foley, E. F. Kurovski, D. B. Dulwage

and P. McKee. Others wishing to take advantage of the party rate and secure accommodation should telephone the Wabash Railroad as early as possible, Harrison 4500.

Bassett & Washburn have had an unusually large number of long distance telephone calls this week for stock, besides an additional number of telegraph and mail orders, but there is not enough to go around, even though they are cutting quite heavily in all lines. E. B. Washburn is acting as representative for the Pacific Coast states and all orders for plants from that section should be sent direct to him at 252 South Orange Grove avenue, Pasadena, Calif.

Poehlmann Bros. Co. will grow the carnations C. Edw. Akehurst and Matchless on a large scale next season for both varieties have made good and deserve more bench space. Alice is another variety that is showing up remarkably well and was quite a factor in the pink class in the market last Christmas. In the plant department everything is going along nicely and the force is busy propagating for the spring supply of bedding stock.

A. T. Pyfer & Co. report that Pyfer & Olsem are coming in crop with roses and quite a supply in the longer stemmed grades is now reaching the store each day. In carnations the principal offering is Herald which is arriving in splendid condition and is bringing top notch prices.

A. E. Hunt & Co., who dispose of their stock at D. E. Freres' wholesale store, reports a brisk demand for daisies at \$2 per 100. They grow the varieties Chicago White, Etoile d'Or and Boston Yellow in large quantities, and have a nice supply of plants in these kinds to offer.

A. L. Vaughan & Co. report busi-

ness as brisk in both the shipping and local demand, the heaviest call being principally for funeral flowers. Freesias are handled in large quantities each day but the demand is so heavy for them that there are not enough to go around.

Felix Reichling says that trade is keeping up surprisingly good at Peter Reinberg's establishment and that the sales so far this month are considerably ahead of January of last year. The shipping trade especially is good and the demand is chiefly for short roses.

Weiland & Risch like the rose Mrs. Moorfield Storey more and more every day and the entire store force believe that the time is not far distant when several other varieties will be discarded to make room for the rose that has already proven its true worth.

Wieter Bros. are cutting a good supply of roses and carnations, but there is such a heavy demand that everything cleans up quickly at very satisfactory prices. American Beauty roses of fine quality are included in the daily shipments.

Philip C. Schupp has been with J. A. Budlong for 14 years, but he has never experienced such a shortage of stock and brisk demand after the holidays as this January. This house is receiving a good supply of orchids.

Ed. Hauswirth, with Archie Spencer, is director of an orchestra which is open for engagements evenings and Sundays.

Joe Erringer, with Zech & Mann, celebrated his twenty-first birthday, January 11.

Ed. Reynolds is now with J. H. McNeilly, the East Sixty-third street florist.

**Z M
E A
C & N
H N**

FREESIA

Fine large supply of the popular variety, Purity, grown by an expert.

This stock is in good demand in this city and we advise our many out-of-town customers to include this item in their future orders. Roses, Carnations, Lilies, Valley, Stevia and everything else in seasonable Cut Flowers and Greens. Our line is so complete that it includes every item offered in the great Chicago Market.

30 E. Randolph St., Chicago

L. D. Phones
Central } 3283
 } 3284
Automatic, 42-965

A prominent local wholesaler, who keeps close tab on his collections, says that in January, 1913, his collections for the first ten days of the month were three times better than this year. In 1914 they were two and one-half times as good and last year about two times better. This is surprising when one reads everywhere that the 1915 Christmas trade was the best in years and the only explanation that appears reasonable is that the majority of the florists have been unusually busy since the holidays and have delayed in getting out their statements. No doubt in another week or ten days one will hear that there is a great improvement and that money is more plentiful.

John Poehlmann, Sr., was operated upon for stomach trouble at the German Hospital, 551 Grant place, last Friday, January 7, and is doing splendidly, considering what he has gone through. His many friends throughout the country sincerely hope for a speedy recovery.

Vaughan's Seed Store is mailing its usual seasonable catalogues for spring 1916, consisting of its general descriptive and its special book for florists as well as market gardeners' and truckers' price list.

Kyle & Foerster are handling a good supply of stock notwithstanding the general shortage and particularly noticeable are some very choice sweet peas.

Visitors: Rolf Zetlitz, Lima, O.; Julius Dilloff, representing Schloss Bros., New York; P. Clausen, Albert Lea, Minn.; E. G. Hill, Richmond, Ind.; Mrs. Theodore Meyer, Waukegan; C. E. De Wever, Olivette, Mo.

HURON, S. D.—The South Dakota State Horticultural Society will hold its twenty-seventh annual meeting in this city, January 18-20.

TOLEDO, O.—The Western Avenue Greenhouse Company, with a capital stock of \$10,000, has been incorporated by Arthur G. and E. M. Im Oberstag and Myrtle A. Schroeder.

BRISTOL, TENN.—“The 1915 Christmas trade was the best in the history of our business,” writes Fairmount Gardens. “The demand for plants was heavy and cut flower trade was splendid. All stock cleaned up well. Collections are not up to standard but are improving.”

Chicago Florists' Club.

The regular meeting of the Chicago Florists' Club was held at the Hotel Morrison, January 6, President Keimel in the chair. The principal business of the meeting was the installation of officers for the year 1916 as follows: A. Henderson, president; Wm. E. Tricker, vice-president; Guy W. French, secretary, and Paul Klingsporn, treasurer. The new members elected included E. G. Hill and Joseph H. Hill, Richmond, Ind.; W. W. Randall, Michael Staclonik and J. E. Pollworth.

The transportation committee presented report on the trip to St. Louis for the annual convention and exhibition of the American Carnation Society to be held in that city, January 26-27 and was instructed to arrange with the Wabash railroad for the journey. Special cars will be attached to the Banner Midnight Flyer, leaving the Dearborn station, Chicago (Polk and Dearborn streets), January 25, at 11:55 p. m., arriving at St. Louis (Union station), at 7:53 a. m. The one way rate, Chicago to St. Louis, is \$5.80 if there is a party of 10 or more on the train for this meeting. The Pullman rates, Chicago to St. Louis, are: Double lower berths, \$2; upper berth, \$1.60; drawing-room, \$7. Berths will be ready for passengers at 10 p. m. For berth reservations and transportation, address H. L. Purdy, Wabash railroad, 68 West Adams street, Chicago. Telephone Harrison 4500. Eastern delegations for the convention are invited to join the Chicago contingent and on request the special cars of parties going to St. Louis by way of Chicago can be switched to the Banner Midnight Flyer without change of baggage or extra charge. A representative of the Wabash railroad will be on hand in convention hall, St. Louis, to arrange for the return trip.

The February meeting was set as the time for the club's annual novelty show. W. J. Keimel was appointed chairman of the committee in charge of arrangements. Mr. Keimel announced as his co-workers on the committee A. T. Pyfer, E. G. Hill, Wm. E. Tricker, H. O. S. Nichols, A. Miller and E. A. Ollinger. Exhibits intended for the novelty show should be addressed to A. T. Pyfer, 30 East Randolph street, Chicago, all charges prepaid. February 10 is the date of the meeting.

On motion of E. G. Hill, seconded by M. Barker, the chairman was in-

structed to tender the sincere sympathy of his fellow members to John Poehlmann in the serious illness which rendered an operation necessary.

E. G. Hill in response to a call from the chair gave an interesting talk on novelties and flower shows and promised to consider a more extended address for the February meeting.

The club by vote recommended that steps be taken to hold another flower show next fall and the trustees were instructed to raffle a valuable trophy for which there was no contest at the recent exhibition, the proceeds to go to the treasury.

Retiring-President W. J. Keimel announced that he is making a special effort to secure a big list of new names for the Society of American Florists and insure representation for the club on its board of directors as well as win President MacRorie's prize of \$150 for the person sending in the largest number of new members, the money if won, to be turned over to the club treasury.

Chairman Asmus of the National Flower Show, spoke of the coming exhibition at Philadelphia, March 25 to April 2, saying this would be the greatest show yet held by the society and urged that where possible everyone in the trade should arrange to attend.

President Henderson announced the following as chairmen of standing committees with power to add to the committees: W. J. Keimel, good of the club committee; Allie Zech, sports committee; M. Barker, transportation committee.

Columbus, O.

SUPPLY MEAGER AND PRICES JUMP.

Heavy funeral work is giving leading florists their worries over finding flowers with which to take care of orders. This condition follows a big New Year's trade, in which stock was well cleaned up. Scarcely within the experience of the trade have flowers been so scarce and high at this time of year. Carnations sell for \$1 a dozen and better, and some varieties of standard roses bring a price of \$5. The weather has been against local propagation, and stock from the outside is hard to procure. One prominent dealer has quit handling American Beauties for the time being because the poor quality of the blooms being shipped in are so disappointing

A. T. Pyfer & Co.
 Wholesale Florists
 30 East Randolph Street
 Chicago, Ill.

THE SIGN OF QUALITY

Current Price List

ROSES Per 100
 Mrs. Chas. Russell...\$10.00 to \$15.00
 Ophella 8.00 to 15.00
 Sunburst..... 8.00 to 15.00
 Killarney, White Killarney, Killarney Brilliant—
 Long.....\$10.00 to \$12.00 per 100
 Medium..... 8.00 per 100
 Short..... 6.00 per 100
 Specials billed accordingly.
CARNATIONS, De Luxe, \$5.00 to \$6.00
 Good..... 4.00

Miscellaneous

Lilies..... \$10.00 to \$12.50 per 100
 Lily of the Valley, \$4.00- 5.00 per 100
 Violets, double, \$1.00 to 1.50 per 100
 Sweet Peas..... 1.50 to 2.00 per 100
 Paper Whites... 4.00 to 5.00 per 100
 Ferns..... 2.50 per 1000
 Asparagus..... bunch, 35c to 50c each
 Sprengeri bunch, 25c to 35c each
 Galax \$1.00 1000
 Mexican Ivy..... 75c per 100
 Boxwood..... large bunch, 25c each

Subject to Market Changes.

The Chicago Flower Growers Association



182 N. Wabash Avenue,

Chicago

— COMPLETE LINE —

Quality Cut Flowers and Greens

Beauties-Roses-Carnations-Violets-Valley-Lilies-Sweet Peas-Etc.

to the consumer. The outlook is for plentiful cuttings for carnations later in the month. Social events are not a large factor in the trade just at present, but an unusual proportion of the demand is for funeral purposes. One florist delivered work of this nature to the value of \$350 in one day last week. The first freesias have been received and are selling at 75 cents a dozen. In pot plants, primroses are the favorite. Sweet peas are scarce, but there is a good supply of violets.

NOTES.

F. C. Viereck, located for several years at 172 East Town street on the premises of the Fulton market, has removed to the corner of Fourth and State streets, where he has opened quite an attractive flower shop. This is the second enterprise of the kind to locate recently in the same neighborhood.

The Livingston Seed Company is mailing out 100,000 copies as the first installment of its annual catalogue. They go to every state in the union and to nearly every country in the world.

F. M. Bromwell, head of the cut flower department of the Livingston Seed Company, has returned to his duties after a week's attack of grip.

E. R. Munk, of the Munk Floral Company, is confined to his home with threatened pneumonia.

J.

Pittsburgh.

BAD WEATHER CAUSES FLOWER FAMINE.

This writing finds the local market "hard hit" for stock. The general inclemency of the weather is largely responsible for the shortage. The days have been dark and rainy since the Christmas season and carnations and roses are suffering badly. Some say that they never saw flowers so scarce as at the present time, and truly it could hardly be much worse. Many are using artificial flowers on all their door bunches and all other work where they can possibly be substituted. The wholesale men have their share of the troubles as all the retail consumers would be willing to take about 10 times their daily allotments of stock, were it possible to supply them. With a little more sunshine, we hope to have a more favorable report for next week.

NOTES.

The Pittsburgh Cut Flower Co.'s plant at Gibsonia was the scene of a tragedy Sunday afternoon, January 9. A crowd of young people were skating on the company's pond when the ice gave way. One young man was drowned, but the rest of the party were rescued with some difficulty.

H. V. Pierce of Detroit, the steam-trap man, was in town last week installing a trap at the McCallum Company's greenhouses at Allison Park.

The last illustrated lecture of the florists' club was well attended and

U S E Budlong's Blue Ribbon Valley.

Mention the American Florist when writing

Crepe Paper for Pot Covers

Per doz. Per 100
 Water Proof (all colors)\$2.00 \$15.00
 Pebbled Pleated (all colors)..... 2.00 15.00
 Special Xmas price list of other supplies mailed free.

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

appreciated by all present. President McCallum has another good feature for the meeting of February 1. It will pay you to watch for the announcement later.

Milton Alexander, of Lion & Co., New York, spent part of last week showing his goods to Pittsburgh buyers. G. M.

SAN ANTONIO, TEX.—W. E. Hess has purchased the San Antonio Floral Co.

VAUGHAN'S SEED STORE
CHICAGO NEW YORK

Edw. H. Robt. E. Carl H. W. J. John Geo. H. Edw. Jno. B.
Goldenstein Newcomb Vaughan Smart Fuhlbruegge Mohn Boylan Deamud

These travelers are now making their midwinter trips.
If you have not received advance card please write us.

Joliet, Ill.

The J. D. Thompson Carnation Co. is booking a large number of orders for the new scarlet carnation, Aviator, and both Manager Fisk and Superintendent Peterson are well pleased with the way the orders continue to arrive. An inspection of the greenhouses right now will find Aviator in good crop, when almost every other variety is off and a glance in the packing room will show that they are cutting heavily in this variety at present. Aviator is a heavy producer, and so far an average of over 14 blooms per plant has been cut from the stock benched September 5, 1915. The color is unusually fine and the stem is thin, wiry and stiff. Not a split carnation can be found in the entire place and Superintendent Peterson can truthfully say that Aviator is one of the best money makers that has been introduced in recent years. More bench space will be given to this variety next season for it was in exceptionally good demand for Christmas and brought unusually high prices. Akehurst is another variety that is proving to be unusually good and will be given more bench space in the future and the same holds good for Matchless and Enchantress Supreme. So far this firm has over 700,000 cuttings, all told, including the newer standard varieties, in the sand, which is more than last season and is due somewhat to the fact that they are operating the old Chicago Carnation Co.'s greenhouses in addition to their own place. Superb, another new variety which will be disseminated next season, is attracting much favorable attention and looks very promising. The stock in both the firm's ranges is in splendid condition and they expect to have a large crop for St. Valentine's day.

Labo's had the best holiday trade in years, the demand being principally for plants, although a large quantity of cut flowers were also sold. This firm expects to build at least two new greenhouses in the spring and will ask for bids from the greenhouse manufacturers in the near future.

The Sterling Floral Co. is well pleased with business and say that their holiday trade exceeded all expectations. The stock in their new Dietsch houses is in splendid shape and the outlook for the coming season is very bright.

Mrs. A. C. Rott had a very good holiday trade and is busy now with funeral work. She is ably assisted by Miss Watkins, who was formerly employed in several of the leading retail stores in England.

The Carter Floral Co. is having a good run on funeral work and experienced a very satisfactory holiday trade with a good demand for both cut flowers and plants.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, \$1.50.

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. PRICE, \$1.50.

American Florist Co., 440 S. Dearborn St., Chicago

Heaton Nichols, who opened a store in the Adam Arcade shortly before the holidays, was confined to his home the greater part of last week with a severe cold.

Joe Marks, representing the A. A. Arnold Paper Box Co., Chicago, called on the trade here this week and booked a large number of nice orders.

Smith Brothers have everything in tip top shape at their greenhouses, especially their carnations, which are in the pink of condition.

Larson & Goranson report good business with a splendid Christmas and New Year trade.

Oklahoma City.

Business steadied down considerably on two or three days this week. Conditions did not reach the point where they could be termed real dull, however, for there has been a little something doing all the time. Bargain day sales of carnations are being featured for Saturdays and they prove good trade bringers, thousands of blooms being disposed of at these sales.

NOTES.

Almon Hall, who has a nursery near the Santa Fe right of way on Fourteenth street, contemplates putting in a line of flowering shrubs and summer flowering bulbs. He should do well, as there is a good demand here for such stock.

At the January meeting of the State Civic Improvement Association, held January 4, H. S. McClenahan, a local florist, read a paper entitled, "The Relation of the Gardener to his Plants."

Visitors: A. S. Gray, president of the Oklahoma State Society of Florists, Chickasha, Okla.; Nils N. Emits-

U S Budlong's
E Blue Ribbon Valley.

lof, representing the George Wittbold Company, Chicago, Ill.

S. S. B.

Chicago Bowling.

Scores in the North Chicago League, January 4, were as follows:

Players.	1st.	2nd.	3d.
J. Huebner	158	212	177
A. Huebner	188	170	170
A. Zech	171	162	148
F. Price	190	147	203
P. Olsem	191	210	152
Totals	898	901	850

The employes of Vaughan's Seed Store had a bowling contest of their own Monday, January 11, when a team called the Would Bes played the Has Beens. The scores were as follows:

WOULD BE.				
Players.				
Neil	178	129	160	107
J. Bernier	154	150	137	...
Tomazcek	88	115	94	106
Buehlmann	193	177	145	142
Dorn	156	134	179	144
Totals	615	709	728	636
HAS BEENS.				
Players.				
Goldenstein	135	127	117	127
Lindquist	106	139	...	...
Scotch .....	...	71	63	...
A. Bernier	125	157	144	...
Noble	159	143	98	151
Chadwick	184	172	210	211
Totals	584	706	653	696

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30 East Randolph Street, WHOLESALE FLORISTS CHICAGO, ILL.
L. D. Phone, Randolph 6578

W. P. KYLE

JOSEPH FOERSTER

KYLE & FOERSTER

160 N. Wabash Avenue, Wholesale Florists CHICAGO
Long Distance Phone, Randolph 6784

John Kruchten Co.

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L. D. Phone Central 8016-8017.

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MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

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CHICAGO.

L. D. Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale
Florists' Supplies

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CORSAGE CORDS

Can be had in all colors. Per Doz. Per Gross

Large size.....\$0.35 \$4.00
Small size......25 3.00
Baby cords..... 1.25

Write or our special Xmas price list of many other items.

GEO. H. ANGERMUELLER
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Southern Wild Smilax

\$2.50 per case.

Perpetuated Moss.....per bag, \$3.50
Natural Moss.....per bag, 1.75

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KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

Wholesale Flower Markets

CURRENT PRICE LIST.

	Per doz.
Roses, Beauty, specials.....	6 00
" " 36-in.....	5 00
" " 30-in.....	4 00
" " 24 in.....	3 00
" " 20-in.....	1 50@ 2 00
" " 18-in.....	1 00
" Mrs. Chas. Russell....	1 00@ 4 00
	Per 100
" Hoosier Beauty.....	6 00@15 00
" Killarney Brilliant.....	5 00@12 00
" Killarney.....	5 00@12 00
" White Killarney.....	5 00@12 00
" Richmond.....	5 00@12 00
" Prince of Bulgaria.....	5 00@12 00
" Rhea Reid.....	5 00@12 00
" My Maryland.....	5 00@12 00
" Mrs. Geo. Shawyer.....	5 00@12 00
" Milady.....	5 00@12 00
" Sunburst.....	5 00@15 00
" Mrs. Aaron Ward.....	5 00@12 00
" Hadley.....	5 00@12 00
" Ophelia.....	5 00@15 00
" Our selection.....	5 00
Carnations.....	3 00@ 6 00
Cattleyas....per doz.....	7 50
Gardenias....per doz., 3 00@ 4 00	
Gladioli.....	2 00@ 6 00
Jonquils.....	5 00
Freeseias, Tulips.....	4 00@ 6 00
Lilium Hartstii.....	12 50@15 00
Mignonette.....	6 00@ 8 00
Paper Whites.....	4 00@ 5 00
Romans.....	3 00@ 4 00
Stevia.....	2 00
Sweet Peas.....	1 50@ 3 00
Valley.....	4 00@ 5 00
Violets, single.....	1 00@ 1 50
Violets, double.....	50@ 1 50
Adiantum Croweanum.....	1 00@ 1 50
Ferns.....	2 50@3 00
Galax.....	1 00@1 25
Lenchothe.....	75@ 1 00
Mexican Ivy....per 1000, 5 00@6 00	
Platanus Strings...each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprenger Plumosus Sprays.....	3 00@ 4 00
Boxwood, 25clb per case.....	7 50:

MILLER & MUSSER

Wholesale Florists
179-181-183 North Wabash Avenue, CHICAGO

George Reinberg
Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant rosea. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

ZECH & MANN
Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284

A. L. Randall Co.,
Wabash Ave. and Lake St., CHICAGO, ILL.
Wholesale Cut Flowers,
Florists' Supplies.

Wietor Bros.
Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

ROOTED CARNATION CUTTINGS.

C. Akehurst—Rose pink.....	100 \$7.00	1000 \$60.00	R. P. Enchantress.....	100 \$3.00	1000 \$22.50	Perfection—White.....	100 \$3.00	1000 \$22.50
Alice—Salmon shade.....	6.00	50.00	L. P. Enchantress.....	3.00	22.50	Wonder—White.....	3.00	22.50
Sieguard.....	6.00	50.00	Dorothy Gordon.....	3.00	22.50	A. Ward—White.....	3.00	22.50
Enchantress Suoreme—Light Salmon	3.50	30.00	Winsor.....	3.00	22.50	Beacon—Red.....	3.00	22.50
Philadelphina—Rose pink.....	5.00	35.00	Pink Delight.....	5.00	45.00	Victory—Red.....	3.00	22.50
C. W. Ward—Good rose pink.....	3.00	25.00	Matchless—White.....	3.00	25.00	Champion—Red.....	4.00	35.00
Gorgeous.....	5.00	35.00	Enchantress—White.....	3.00	22.50	Benora.....	3.00	25.00

250 at the 1000 rate. Satisfaction guaranteed. Prompt delivery.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

SUPPLY CONTINUES LIMITED.

The past week opened with a great scarcity of flowers all along the line; there was not one flower that came anywhere near filling the demand. Things began to ease up a trifle towards the end of the week, but there was little if anything to carry over. The growers say that in a week or 10 days the situation will be greatly relieved. Roses have not been up to the mark on account of their being cut too soon—poor policy this. While many of them will open later, the color is then gone and the flowers in poor shape. Some fair Richmonds and Ophelias have been seen. The Killarney family were about the most plentiful and there was a fair sprinkling of American Beauties. Lily of the valley is now quoted regularly at \$5 for the special, and growers say that it may go to \$8, as the pips are running poor, many coming without flowers. Callas have been in great demand as have Easter lilies; in fact, on account of the great scarcity of standard stocks, everything in blossoms has found a market. Even the supply men have profited, as many artificial flowers, such as wax roses, carnations and the like have been largely used in the cheaper grades of funeral work. Two large horseshoes made of metal porcelain covered flowers, and presented to councilmen on taking their seats last week is about the limit. To think that such monstrosities were possible in this flower loving city! Chairman Geo. C. Watson should have the club look into this. Some very choice orchid peas are seen in small quantities, and in a week or two a number of new crops will be in, when these lovely flowers will dominate the market as never before. Violets are more plentiful, the price having dropped in consequence about one-third. Daffodils are in and are in good demand.

LOCAL FLOWER SHOW COMMITTEES MEET.

As the time for the great show approaches, there is increased activity and progress all along the line. The meeting of the local committees last week was largely attended and the various reports are very encouraging. The national committee will be in this city January 12 to meet the various local committees and receive their reports. From the enthusiastic Mr. Therkildson comes the word that the great publicity the show is to obtain is to exceed by far that of any other exhibition of any character ever held in this city. This will be the greatest boost the flower business has ever received and everybody in any way connected with it should help it along in every possible way so that they in turn will be benefited.

NOTES.

The M. Rice Co. has completed all arrangements for the construction of their new warehouse and factory at 1220-24 Spring Garden street. It will exceed in size by far any building used exclusively for manufacturing florists' supplies. It is a sure indication that the florists' business is forging ahead, when supply men make such preparations to meet the increasing demand.

Wholesale Flower Markets

BOSTON, Jan. 12. Per 100

Roses, Beauty.....	50 00@75 00
" Killarney Queen.....	4 00@16 00
" White and Pink Killarney.....	4 00@16 00
" Double White Killarney.....	4 00@16 00
" Killarney Brilliant.....	4 00@20 00
" Hadley.....	6 00@25 00
" Cardinal.....	6 00@25 00
" Mock.....	8 00@35 00
" Mrs. Chas. Ruessall.....	6 00@12 00
" Sunburat.....	6 00@12 00
" Taft.....	6 00@12 00
" Milady.....	6 00@12 00
" Ward and Hillingdon.....	2 00@ 6 00
" My Maryland.....	50@ 5 00
Cattleyas.....	35 00@50 00
Lily of the Valley.....	4 00@ 5 00
Sweet Peas.....	1 50@ 2 00
Carnations.....	3 00@ 4 00
select.....	4 00@ 6 00

BUFFALO, Jan. 12. Per doz.

Roses, Beauty, special.....	6 00
" " fancy.....	5 00
" " extra.....	3 00
" " No. 1.....	2 00
Per 100	
" " No 2.....	6 00@15 00
" Killarney.....	5 00@15 00
" White Killarney.....	5 00@15 00
" My Maryland.....	5 00@15 00
" Killarney Queen.....	5 00@15 00
" Richmond.....	6 00@15 00
" Sunburat.....	6 00@15 00
" Ward.....	4 00@ 8 00
" Taft.....	6 00@15 00
" Ophelia.....	8 00@15 00
" Francis Scott Key.....	8 00@15 00
" Shawyer.....	6 00@15 00
" Bon Silene.....	4 00@ 5 00
Lily of the Valley.....	4 00
Lilies.....	10 00@12 00
Cattleyas.....	75 00
Carnations.....	3 00@ 5 00
Snapdragons.....	6 00@10 00
Violets.....	1 00@ 1 25
Asparagua Sprengerii.....	35@ 50
Ferna.....	per 1000, 2 50
Smilax.....	15 00

CINCINNATI, Jan. 12.

Roses, Beauty.....	per doz. \$1 50@ \$6 00
Per 100	
" Killarney.....	3 00@ 8 00
" My Maryland.....	3 00@ 8 00
" Richmond.....	3 00@ 8 00
" Taft.....	3 00@ 8 00
Lily of the Valley.....	4 00
Lilium Giganteum.....	10 00
Asparagua Plumosa.....	per bch. 25c
Orchids.....	per doz., 6 00@7 50
Carnations.....	2 00@ 4 00
Rubrum Lilies.....	3 00@10 00
Double Violets.....	75@ 1 00
Narcissus.....	2 00@ 3 00
Stevia.....	per bunch, 25@ 35
Sweet Peas.....	75@ 1 00

The new two-ton car of H. A. Dreer, Inc., is a very practical machine. Except for cases where the brain of the horse is a factor, as in bread and milk delivery over daily routes where his intelligence counts, this useful animal is fast being superseded by the swift moving and commodious car. The florist that does not now have one or more cars is surely not up to date.

Gardenias, double pink bouvardias and American Beauty roses are the headliners with the Leo Niessen Co. Cattleyas, in quantity, are a feature. The advance guard of the daffodils are in and it will be a merry race with the freesia, the sweet pea and the short-stemmed roses, all of which are popular and will help to broaden the market.

WELCH BROS. CO.

WHOLESALE

Cut Flower Market

226 DEVONSHIRE STREET, BOSTON, MASS.

Consignments of all the leading varieties of cut flowers received daily. Selected line of Florists' Supplies. Price list mailed weekly.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.
Telephone Main 2898.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids, Valley ORCHID FLOWERED PEAS

EASTER LILIES—CALLAS

Give us a trial order.

1225 Race St., Philadelphia, Pa.

McCALLUM CO.

Florists' Supplies

PITTSBURGH, - PA.

Mention the American Florist when writing

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others. CATTLEYS, CARNATIONS and LILIES.
One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Mention the American Florist when writing

Philadelphia Wholesale Florists' Exchange ORCHIDS, GARDENIAS

Consignments of choice flowers solicited.

Duetscher & Glazer, Wholesale Florists
1625 Ranstead St., Philadelphia, Pa.

CC. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of **Choice Cut Flowers and Greens**

H. KUSIK & CO.

Wholesale Florists and Supplies

Manufacturers of Wire Designs.

We are the largest cut flower shippers at Kansas City. Let us supply your wants. If on the market, we can furnish it. Get our prices before placing order. We guarantee satisfaction.

1016-1018 McGee Street KANSAS CITY, MO.

GUST. RUSCH & CO.



Wholesale Florists

Jobbers in FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

444-446 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids

CHRYSANTHEMUMS, ROSES AND CARNATIONS

FANCY FERNS, special picked; Leucothoe Sprays, Galax and Wild Smilax.

Manufacturer of Wire Designs, Florist Supplies, Flower Boxes.

Try our Florists Special White Wrapping and Natural Tissue in Rolls

Wholesale Florist.

C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, Jan. 12.		Per 100
Roses, Beauty, extra.....	20	00@25 00
.. first.....	8	00@10 00
.. Mrs. Chas. Russell.....	8	00@15 00
.. Killarney.....	3	00@10 00
.. White Killarney.....	3	00@10 00
.. Liberty.....	5	00@15 00
.. Mock.....	6	00@15 00
.. Hadley.....	8	00@12 00
.. Bulgaria.....	4	00@10 00
.. Sunburst.....	4	00@12 00
.. Ophelia.....	3	00@ 8 00
.. Hoosier Beauty.....	4	00@ 8 00
Carnations.....	2	00@ 4 00
Cattleyas.....	35	00@50 00
Callas.....	10	00@12 00
Lilium Harrisii.....	8	00@10 00
Lily of the Valley.....	3	00@ 5 00
Asparagus.....	per bunch.	50

PITTSBURGH, Jan. 12.		Per 100
Roses, Beauty, special.....	50	00
.. fancy.....	40	00
.. extra.....	20	00@30 00
.. No. 1.....	12	00
.. Killarney.....	4	00@12 00
.. My Maryland.....	4	00@12 00
.. Sunburst.....	4	00@12 00
.. Mrs. Aaron Ward.....	4	00@10 00
.. Richmond.....	4	00@15 00
Carnations.....	4	00@ 5 00
Cattleyas.....	75	00
Lilium Giganteum.....	12	00
Valley.....	4	00
Adiantum.....	1	25
Asparagus Sprengeri, per bunch,	35	@40
Sprays..... per bunch.	35	@40
Sweet Peas.....	75	@ 1 50
Narcissus.....	4	00

MILWAUKEE, Jan. 12.		Per 100
Roses, Killarney and W. Killarney	6	00@12 00
.. Ward, Sunburst.....	6	00@15 00
.. Mrs. Chas. Russell.....	10	00@40 00
.. Richmond.....	4	00@12 00
.. Ophelia.....	6	00@15 00
.. Hoosier Beauty.....	6	00@15 00
Carnations.....	3	00@ 5 00
Lilies.....	per doz., 2	00
Snapdragons, per bunch, 25c@50c	4	00@ 5 00
Valley.....	50	@ 75
Daisies.....	50	@ 75
Cattleyas.....	per doz., 6	00@7 50
Violeta, choice Wisconsin grown.	1	00@ 1 50
Stevia.....	1	50@ 2 00
Narcissi.....	3	00@ 4 00
Sweet Peas.....	1	00@ 2 00

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, \$1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

St. Louis, Jan. 12.		Per 100
Roses, Beauty, long.....	35	00@50 00
.. medium.....	20	00@25 00
.. short stems.....	8	00@15 00
.. Killarney.....	4	00@10 00
.. White Killarney.....	4	00@10 00
.. Aaron Ward.....	4	00@10 00
.. Sunburst.....	5	00@10 00
.. Ophelia.....	6	00@12 50
.. Hoosier Beauty.....	8	00@12 50
C. Brunner..... bunch, 50c	4	00
Valley.....	4	00
Carnations.....	4	00@ 5 00
Orchids.....	50	00@60 00
Asparagus Plumosa, per bn., 25@75	25	@75
Harrisii.....	10	00
Ferns.....	per 1000, 2	00
Bronze Galax.....	per 1000, 1	25
Mexican Ivy.....		

BABY RIBBON.

No. 1, any color, per spool of 50 yds.....\$0.35
 No. 1 1/2, any color, per spool of 50 yds..... 0.50
 No. 1 1/2, Poinsettia and Holly, a pool of 50 yds. 0.75
 "Bop-Ton" Crinkled Ribbon, spool of 500 yds. 1.25
 No. 2 Gauze (10 yds.)..... .20
 (Get our special Xmas price list of other items.)

GEO. H. ANGERMUELLER

Wholesale Florist. 1324 Pine St., ST. LOUIS, MO.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

WM. C. SMITH

Wholesale Florists

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

SUPPLIES AND EVERYTHING IN SEASON ALWAYS ON HAND.

There has been a large amount of funeral work the past two weeks, due to so many people dying from the grippe. Furnishing flowers for funerals is a much larger factor in the business than many of the trade realize. Preparedness for quick action in this line of work is well worth the best thought of the retailer.

An entire new floor has been laid in Convention Hall for the Auto Show now on. Other improvements have been made which if they can be held over for the spring exhibition will be of great assistance. Every effort will be made to retain them.

Edward Reid is satisfied with the business; the trouble is to get stock to meet the demand. Shawyer and Mock roses are a feature here.

At the Berger Bros. Market, freesias, orchid sweet peas and violets lead, while carnations are handled in quantity. K.

New York.

GOOD BUSINESS AND FAIR PRICES.

Business was very good in the wholesale district during the past week, nearly every stock cleaning up well at good prices. Orchids and violets remain rather cheap and are slow sellers. A heavy supply accounts for the low price of orchids, but as one dealer has remarked of violets: "It's because the people are not buying them." It has been previously pointed out in these columns that a plentiful supply of orchids at reasonable prices, cuts in on the violet market. The single violets of the best quality look better and sell better than the doubles. While it has never been our policy to "knock" anything that was passably good, a word here about the violet, Governor Herrick, may be of benefit to prospective growers. As seen in this market, it is not popular and never will be, and we advise growers to get rid of it. In roses, there is plenty of long-stemmed special stock, including American Beauties, to supply the demand, but there is a dearth of short roses, and these are what many of the buyers want. No. 2's, when they can be had, wholesale at the rate of \$4 to \$6 per 100. Carnations are a little more plentiful and indications point to a decline in prices, at this writing. Good stock is holding up to \$6 per 100. There is also an increase in the supply of sweet peas. A limited supply of trumpet majors, tulips and freesias is now on the market. The trumpet majors and freesias bring \$6 per 100 and upward. Most of the tulips are rather short, but they bring about \$4 per 100. There is a fair supply of lilies and lily of the valley with little change in prices from our quotation of the past week. The weather, which was very moderate in the early days of the week, turned cold, January 7, the mercury falling that night to 10 above zero, but there was good sunshine January 8.

January 10.—The board of health and the department of police, having failed, even with their high power microscopes to discover the grippe microbe, decided that a good freeze would kill the "pesky critter" no matter where he was hiding. Now, we again have pouring rain and sloppy streets, and the investigators will have to keep busy. The market opened quiet with a light supply of roses, but enough to care for the demand. Rose prices remain firm, but carnations show a tendency to be cheaper. Orchids and violets continue cheap and slow. The narcissi, tulips and freesias are selling well as the supply is limited. Gardenias are much more plentiful and the price has fallen. There is little change in prices of green stock.

NOTES.

The Golden Flower Shop, 59 Lafayette avenue, Brooklyn, celebrated Christmas by putting on a fine new auto delivery car. It is painted white and is decorated with a large bunch of single violets, this feature being done in a very natural and artistic manner. Thomas F. Reilly is now the efficient manager of this store. They had a fine holiday business.

Charles H. Mitter, who was with Young & Nugent, 42 West 28th street, during the Christmas business, left for Los Angeles, Calif., January 6, to resume his former position with the Beverley Hill hotel, where we understand acres of flowers are grown. Previous to his last eastern trip, he had been three years in Los Angeles, and while there laid out the grounds of the estate of P. Maier, the wealthy brewer. Previous to his first visit to Los Angeles, he had been 35 years

OUR MOTTO: The Best the Market Affords.

VALLEY

From Cold Storage.
New York or Chicago.
\$16.00 per 1000; \$8.50 per 500;
\$4.50 per 250 Pips.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, New York

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

in this city and conducted retail stores on Columbus and Madison avenues. He was at one time associated with E. J. and the late Henry Hession.

Charles R. Jaeger, the popular retailer of 7th avenue and 126th street, states that he had an excellent holiday business in plants. He adds that the wholesale prices on cut flowers were too high for a retailer to make much money. In Frederick Zahn, an old timer in the business, this store has an excellent designer and decorator.

Max Schling has been so busy to date that he has not had time to read the excellent biographies of him that have recently been written, but expects to be able to take a day off soon and do so. It is a fact that his store is a very busy place.

A. A. Young of Jewett City, Conn., is shipping to the Growers' Cut Flower Co. a very fine quality of carnations. They have not only large blooms and good stems, but also are great keepers. Manager Van Reyper of the Growers' Cut Flower Co. says they will keep from 8 to 10 days. The varieties comprise Enchantress and Enchantress Supreme, Alice, White Wonder and White Enchantress.

Professor E. A. White of the horticultural department of Cornell University, accompanied by about a dozen of his pupils, visited this city, January 7. The party made the rounds of a number of leading retail stores and horticultural establishments, and we believe were well pleased with their visit. Among the boys was a son of J. H. Dunlop of Toronto, Ont.

Edwin Ancker, a well known salesman for Traendly & Schenck, who has been with them 10 years, will be married, January 19, to Miss Elizabeth Bappler, a charming young lady of this city. The ceremony will take place at Holy Cross Church. Many friends will wish this fine young couple God speed and a happy voyage through life.

Guttman & Raynor, Inc., are showing good stock of the new white carnation, Peace, grown by Frank Dinda, Farmingdale, L. I.; also, of the scarlet carnation, Olive Whitman.

Angelo Dentale, the popular salesman for Young & Nugent, 42 West 28th street, is the proud father of another son. He now has two and a girl—a nice little family.

John Young & Co. are receiving fine carnations and sweet peas from Henry Weston, Hempstead, L. I.; also good roses from S. J. Reuter & Son, West-erly, R. I.

Weddings, dinners and other social events are helping G. E. M. Stumpff and his force is very busy.

Clarence Slinn is receiving good roses from a Pennsylvania grower.



John Young & Co.

Wholesale Commission Florists

53 W. 28th St., NEW YORK

Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST

107 W. 28th St., New York

Telephone, 5335 Farragut

George C. Siebrecht is receiving fine stock of freesias in addition to his usual good supply of orchids and lily of the valley.

At Walter F. Sheridan's we have noticed good stock of narcissi from the range of Victor Dorval's Sons, Woodside, L. I.

James Mallon's Sons, one of the oldest retail firms of Brooklyn, report the best holiday business in their history.

Craig Muir, the retailer of 62 West 40th street, advises us that he had good holiday business and that it is keeping up.

William Sullivan, a popular salesman for P. J. Smith, is nursing a bad hand, due to blood poisoning.

At the store of T. F. Galvin, Inc., they are very busy, having had two weddings January 8.

Alexander Donaldson, of Elmhurst, is sending a fine stock of lilies to market.

Visitor: Louis J. Reuter, West-erly, R. I. A. F. F.

PAUL MECONI
WHOLESALE FLORIST
55-57 W. 26th Street
NEW YORK CITY
 Telephone: 3864 Farragut.

BADGLEY & BISHOP, Inc.
 Successors to Badgley, Riedel & Meyer.
 Phone 1664 Madison Square, 34 W. 28th St., New York
 Receivers and Distributors of
CHOICEST CUT FLOWERS

Riedel & Meyer, Inc.
Wholesale Florists
 25 YEARS EXPERIENCE CONSIGNMENTS SOLICITED
49 West 28th Street, NEW YORK
 PHONES—4024 and 4025 MADISON SQUARE

GEO. J. POLYKRANAS
 Wholesale Commission Florist
Consignments Solicited
104 West 28th St., NEW YORK
 Telephone No. 2264 Farragut.

J. J. COAN, Inc.
 Wholesale Commission Florist.
115 W. 28th St., NEW YORK
 Telephones: Farragut 5413 and 5891.
 Fine stock of the best varieties of
 Roses Francis Scott Key, Sunburst,
 Ophelia, Hadley, Russell and other
 Leading Varieties.
 Fine Carnations in variety, Chrysanthemums,
 Bouvardias, Sweet Peas, Asparagus Plumosus
 Nanus, Smilax and Paper White Narcissus.
Send Your Christmas Orders.
 34 Years Experience in the Florist Business.
 Consignments Solicited.

Wholesale Flower Markets

NEW YORK, Jan. 12.		Per 100
Roses, Beauty, special.....	50 00	@60 00
" " extra and fancy.....	25 00	@30 00
" " No. 1 and No. 2.....	6 00	@10 00
" Prima Donna, special.....	15 00	@30 00
" Alice Stanley.....	6 00	@15 00
" Francis Scott Key, special.....	12 00	@15 00
" Mrs. Geo. Sawyer.....	5 00	@12 00
" White Killarney, special.....	8 00	@10 00
" Killarney, My Maryland.....	8 00	@10 00
" " special.....	3 00	@5 00
" " No. 1 and No. 2.....	4 00	@12 00
" " Queen.....	4 00	@12 00
" " Brilliant.....	4 00	@12 00
" Aaron Ward.....	4 00	@15 00
" Richmond.....	3 00	@10 00
" Sunburst.....	4 00	@15 00
" Taft.....	4 00	@12 00
" Milady.....	3 00	@10 00
" J. L. Mock.....	4 00	@15 00
" Hadley.....	4 00	@15 00
" Ophelia.....	4 00	@15 00
" Mrs. Chas. Russell.....	4 00	@15 00
" Hoosier Beauty.....	4 00	@15 00
Cattleya Orchida, special.....	40 00	
" inferior grades.....	10 00	@20 00
Oncidium.....	per flower, 3c	
Cypripedium.....	per doz., \$1.50	@2.00
Lilies, Longiflorum and Harrisi.....	10 00	@12 00
Lily of the Valley.....	3 00	@4 00
Carnations.....	4 00	@6 00
Bouvardias.....	2 00	@4 00
Adiantum Croweaum and Hybridum.....	50c	@75
Asparagus Plumosus.....	doz. bchs.	2 40 @ 3 00
Smilax.....	doz. strings.	1 00
Gardenias.....	per doz.	2 00 @ 4 00
Violeta, single.....	1 00	@ 1 25
" double.....	40c	@ 50
Sweet Peas, orchid flowered.....	1 50	
" common.....	75c	@ 1 00
Mignonette.....	per doz., 50c	@75c
Fansies, cut.....	1 25	@ 2 00
Narcissus, Paper White.....	3 00	@ 4 00
Narcissus, Trumpets.....	6 00	
Freesias.....	6 00	
Tulips.....	3 00	@ 4 00
White Lilac.....	per bunch.	\$1 00

WM. KESSLER
 Successor to Kessler Bros.
113 W. 28th St., NEW YORK
CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS
 Phone 2336 Farragut Shipments Everywhere
 Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
 Coogan Bldg., 6th av. and W. 26th St., New York
 Open for Cut Flower Sales
 at 6 o'clock every morning.
 Desirable wall space to rent for advertising.

V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade at Wholesale.
 Telephones: Farragut 2164-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

M. C. Ford
121 WEST 28th STREET NEW YORK
 Tel. 3870-3871 Farragut.

The Largest Shipper and Receiver of Cut Flowers
 A complete assortment of the best in the market can always be relied upon.

Geo. C. Siebrecht
WHOLESALE FLORIST

109 West 28th St., NEW YORK
 Tel. 608 and 609 Farragut.
CONSIGNMENTS SOLICITED



Walter F. Sheridan
 Wholesale Florist
 Telephone Call: 3532-3533 Farragut **133 W. 28th St., New York**
 All the NEW ROSES, CARNATIONS and Seasonable Flowers.

HORACE E. FROMENT
WHOLESALE COMMISSION
 American Beauty Roses a specialty. Roses, Violets, Carnations, Valley, Lilies, etc.
148 West 28th St., NEW YORK CITY
 Telephones: Farragut 300 and 301

Guttman & Raynor, Inc.
 A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
 Phones: 558, 2036, 2037 Farragut.
20 Years' Experience.

New York Federation of Floral Clubs.
 The programme for the meeting of the New York State Federation of Horticultural Societies and Floral Clubs, which will be held at Ithaca, N. Y., Wednesday, February 9, 1916, is as follows:
 9:00 a. m. Problems in Keeping Cut Flowers.—E. C. Volz.
 10:00 a. m. Water Lilies for the Home and Market.—Wm. Tricker.
 11:00 a. m. Garden Roses.—Professor A. C. Beal.
 12:00 m. Luncheon, which will be followed by a business session of the federation.
 2:00 p. m. The Relation of the Agricultural College to the Flower Growing Interests of the State.—Professor E. A. White.
 3:00 p. m. Problems in Advertising in the Disposal of Flowers and Plants.—Professor Bristow Adams.
JOHN YOUNG, Sec'y.

United Cut Flower Co., Inc.
WHOLESALE
111 West 28th St., New York
 Telephones: Farragut 4422, 4423
PERCY W. RICHTERS, Manager.

HOUSE OF FERNS
 Phone, Madison Square 4051.
41 West 28th St., NEW YORK
Asparagus Plumosus Nanus A Specialty.
RETTA E. RANKIN, Manager.

Frank H. Traendly Charles Schenck
Traendly & Schenck
 Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
 Between 26th and 27th Sts.
 Telephones: 798 and 799 Farragut.
 Orchids, Roses, Carnations and all the other best products of the leading growers.
 Consignments solicited.

Our Valentine Offer

RED HEART BOXES



FOR Valentine Corsage Bouquets, made in 2 sizes, nested. Packed 12 or 24 nests in a corrugated container. A carton supplied for each size, saving you the trouble and expense of extra wrapping.

Price, 30c per nest.

Also made with a white glazed top printed in two colors, Red and Gold with our Red Heart and Gold Arrow design at 35c per nest.

As our supply is limited it would be well to place orders early to insure delivery.

A. A. ARNOLD PAPER BOX CO.
1302-8 West Division St., CHICAGO

Retail Florists



Now is the time to prepare your advertising for January, February, March and April, covering

St. Valentine Day Mother's Day
Easter Spring Planting

We have worked up some beautifully colored folders and will gladly mail samples on request.

DIRECT ADVERTISING THAT BRINGS RESULTS

MCNEFF-SWENSON CO.

Floral Advertising.

818-819 Transportation Bldg.

608 So. Dearborn St., Chicago, Ill.

Mention the American Florist when writing

The Horticultural Society of New York.

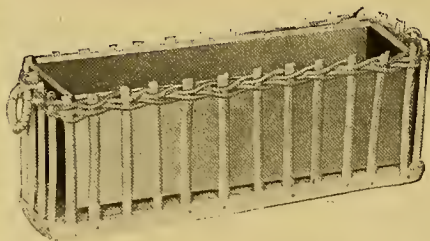
There will be an exhibition of plants and flowers given by the above society at the American Museum of Natural History, Wednesday, January 19. Schedules are now ready and will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York City. Premiums are offered for orchids, carnations, sweet peas, schizanthus, and snapdragons. One of the uses of these monthly exhibitions is to furnish opportunity to gardeners to exhibit whatever they may have in fine condition at that time, and for this reason the exhibition committee is empowered to award special prizes for things not provided for in the schedule. Gardeners are therefore invited to bring in plants or flowers of unusual interest or of unusual excellence in cultivation. The medals of the society may also be awarded to the best vases of new varieties of carnations.

A meeting of the society will be held in the afternoon, followed by a lecture by W. N. Craig, superintendent at Faulkner Farm, Brookline, Mass., on "The Home Flower Garden." This announcement insures an interesting and practical talk on a subject of much interest at the present time.

GEORGE V. NASH, Sec'y.

24 Bulb and Cut Flower Baskets \$12.00

Including liners. Order quick—TODAY.



Stains: Foliage green, brown, antique green, pure white enamel or any two toned finishes.

Quality and Price

Not Price Alone.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

RAEDLEIN BASKET COMPANY
713 Milwaukee Avenue, CHICAGO, ILL.

Morris Co. Gardeners' and Florists' Society

The Morris County Gardeners' and Florists' Society will hold its twentieth annual dinner in Piper's hotel, Morristown, N. J., Thursday evening, January 27, 1916, at 6:30 p. m. Wm. H. Duckham, Arthur Herrington, and Chas. H. Totty, were on the committee of the first dinner the society ever held. They are the dinner committee this year. They are three lusty youngsters, still, with keen appetites, and we are looking for them to give us one of the best dinners we ever had, if only for their own sake.

E. R.

DES MOINES, IA.—Sponsored by the Chamber of Commerce and the retail merchants, local florists are planning a flower show to be held in the Coliseum the first week in November.

Southern Wild Smilax \$2.50 per case.

Natural Moss.....\$1.75 per bag
Perpetuated Moss..... 3.50 per bag

Caldwell the Woodsman Co.
Everything in Southern Evergreens,
EVERGREEN, ALABAMA

Bowling at New York.

Scores of the New York Florists' Bowling Club, rolled January 6, were as follows:

Players.	1st.	2nd.	3d.
Miesem	157	170	159
Siebrecht	147	154	149
Scott	152	150	147
Ford	155	160	152
Jacobson	152	144	148
Smith	142	149	152
Meconi	148	148	156
Riedel	147	176	151

A. F. F.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.



739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing



Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago.

Des Moines

ALPHA FLORAL CO.

148 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention

Rochester, Minn.

Wire and Mail Orders Our Specialty.

Rochester Floral Company

Retail Store. Greenhouses.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and
Westerly, R. I.Members Florists' Telegraph Delivery Ass'n.
Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

Mention the American Florist when writing

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all T. J. JOHNSTON & CO.
NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL,
Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,
FLORISTSNEW YORK, WASHINGTON, D. C.,
1153 Broadway. Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists:
We are in the Heart of NEW YORK
And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.
Members of Florists' Telegraph Delivery Ass'n.

...FLOWERS...

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 16 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery. Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J. and New York.

Mention the American Florist when writing

For Wisconsin Delivery

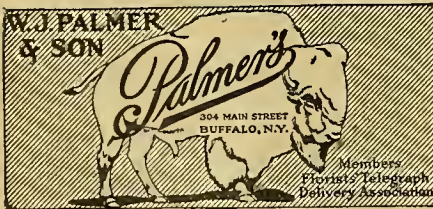
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



Trade Directory

OF THE

United States and Canada

Price \$3.00 Postpaid.

American Florist Co.,

440 S. Dearborn St.,

CHICAGO

Max Schling
 NEW YORK
 No. 22 West 59th Street
 Adjoining Plaza Hotel
 Member of the Florists' Telegraph Delivery.

Omaha, Neb.
Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582
 Members of the Florists' Telegraph Delivery.

N. Y. and N. J. Plant Grower's Banquet

The eighth annual banquet of the New York and New Jersey Association of Plant Growers, will be held in the Hotel McAlpin, New York, February 23, 1916, at 7 p. m. Tickets are \$5.00 per person and include an abundance to eat, drink and smoke. Good music will be provided and the tables will be so arranged that those desiring to do so can dance during the dinner and thereafter to their heart's content. Those desiring tickets should apply at once to the secretary, William H. Siebrecht, Jr., Queens Plaza Court, Long Island City, N. Y.

The annual meeting of the association was held January 4, at which time new officers were elected, as follows: John H. Fiesser, president; Alfred L. Zeller, vice-president; Herman C. Steinhoff, treasurer; William H. Siebrecht, Jr., secretary. The next meeting of the association will be held at the Hotel McAlpin, Tuesday afternoon, February 1, 1916.

WM. H. SIEBRECHT, JR., Sec'y.

Madison, Ind., Dahlia Society.

A local dahlia society has been organized at Madison, Ind., the object of the organization being to promote interest in this flower, and much interest is being shown by growers both in the city and county. A fall exhibition is being planned, with classes for flowers of all kinds, open to both private and professional growers. The officers of the society are as follows: W. O. Wyckoff, president; Harley Ashby, vice-president; Burr R. Gallis, secretary-treasurer.

Murphy Successors Incorporate.

The members of the family of the late Wm. Murphy, Cincinnati, O., will continue the business and have incorporated under the title of the Wm. Murphy Co. The incorporators are: W. Ray Murphy, president; Mrs. Luna F. Murphy, vice-president; Laura L. Murphy, secretary and treasurer; Alice Murphy and Clare Murphy. W. Ray Murphy is manager and Cora E. Pherston, assistant manager.

ROSSVILLE, MD.—E. W. Heinbrick will build one new house, 25x100 feet.

PHILLIPSBURG, N. J.—W. B. Brotzman, proprietor of the Lily White Greenhouses, is enlarging his range.

LOWELL, MASS.—Fire damaged the stock and fixtures at the store of McManmon, the Merrimac Square florist, December 29.

CLIFTON FORGE, VA.—The Alleghany Horticultural Co.'s range has been purchased by O. C. Parts and will now be known as the Clifton Forge Flower & Plant Co.

Detroit, Mich.
John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
 High Grade Cut Blooms

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery. Mention the American Florist when writing

St. Paul, Minn.
L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST
 Mention the American Florist when writing

WASHINGTON
 D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.
Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery. Mention the American Florist when writing

Denver, Colo.
The Park Floral Co.
 J. A. VALENTINE, President

Members of Florists' Telegraph Delivery. Mention the American Florist when writing

Little Rock, Ark.
PAUL M. PALEZ
 FLORIST

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

SEATTLE, WASH. HOLLYWOOD GARDENS

Seattle's Leading Flower Shop
1536 SECOND AVE.

MEMBERS FLORISTS' TELEGRAPH DELIVERY

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America.
Established 1874. Incorporated 1909.

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association
Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Washington, D. C.



14th and H. Street.

Brooklyn, N. Y.

JOSEPH TREPEL

334 Lewis Ave., Telephone No. 1310 Bedford

Six Up-to-date stores in the City of Brooklyn—
We give personal attention to your orders and guarantee satisfaction.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Original Decorations a Specialty.

Branch:

THE VANDERBILT HOTEL
Park Avenue and 34th Street



Main Phone, Murray Hill, 783
Branch 1808

426 Madison Ave.
And 49th St., NEW YORK

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock

Mention the American Florist when writing

City Index to Retail Florists Filling Telegraph Orders.

- Albany, N. Y.—Eyes, 11 N. Pearl St.
- Boston—Thos. F. Galvin, Inc.
- Brooklyn, N. Y.—Joseph Trepel.
- Buffalo, N. Y.—S. A. Anderson, 440 Main St.
- Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
- Chicago—Friedman.
- Chicago—Alpha Floral Co.
- Chicago—C. Frauenfelder.
- Chicago—A. Lange, 25 E. Madison St.
- Chicago—Mangel.
- Chicago—Schiller, the Florist, 2221 W. Madison.
- Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
- Cincinnati, O.—Hardesty & Co.
- Cleveland, O.—A. Graham & Sons.
- Cleveland, O.—Bramley & Son.
- Cleveland, O.—Smith & Fetters.
- Cleveland, O.—The J. M. Gasser Co.
- Colorado Springs, Colo.—Pikes Peak Flo. Co.
- Dallas, Tex.—Lang Floral & Nursery Co.
- Dayton, O.—Matthews the Florist.
- Denton, Tex.—Denton Floral Co.
- Denver, Colo.—The Park Floral Co.
- Des Moines, Ia.—Alpha Floral Co.
- Detroit, Mich.—John Breitmeyer's Sons.
- Duluth, Minn.—Duluth Floral Co.
- Duluth, Minn.—J. J. Leborious.
- Ft. Smith, Ark.—George Rye.
- Grand Rapids, Mich.—Eli Cross.
- Grand Rapids, Mich.—Henry Smith.
- Guthrie, Okla.—Furrow & Co.
- Houston, Tex.—Robt. C. Kerr Floral Co.
- Kansas City, Mo.—Samuel Murray.
- Kansas City, Mo.—A. Newell.
- Kansas City, Mo.—Wm. L. Rock Flower Co.
- Lincoln, Neb.—C. H. Frey.
- Lincoln, Neb.—Frey & Frey.
- Little Rock, Ark.—Paul M. Palez.
- Los Angeles—Wolfskill Bros. & M. Goldenson.
- Louisville, Ky.—August R. Baumer.
- Louisville, Ky.—The F. Walker Co.
- Minneapolis, Minn.—Whitted Floral Co.
- Nashville, Tenn.—Joy Floral Co.
- Newark, N. J.—Begerow's.
- Newark, N. J.—Phillips Bros.
- Newark, O.—Chas. A. Duerr.
- New London, Conn.—Reuter's.
- New Orleans, La.—Metairie Ridge Nursery Co.
- New York—Dard's, 4th and Madison Ave.
- New York—Alex. McConnell, 611 5th Ave.
- New York—David Clarke's Sms.
- New York—Kottmiller.
- New York—Thos. F. Galvin, Inc.
- New York—Max Schling, 22 W. 59th St.
- New York—J. H. Small & Sons.
- New York—G. E. M. Stumpp.
- New York—Young & Nugent.
- Norwich, Conn.—Reuter's.
- Oklahoma City, Okla.—Furrow & Co.
- Omaha, Neb.—Hess & Swoboda, Farnam St.
- Omaha, Neb.—Lewis Henderson.
- Philadelphia—The London Flower Shop.
- Pittsburgh, Pa.—Randolph & McClements.
- Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
- Portland, Me.—Portland Flower Store.
- Providence, R. I.—T. J. Johnston & Co.
- Rochester, Minn.—Rochester Floral Co.
- Rochester, N. Y.—J. B. Keller's Sons.
- Rockford, Ill.—H. W. Buckbee.
- Sheboygan, Wis.—J. E. Matthewson.
- St. Louis, Mo.—Grimm & Gorly.
- St. Louis, Mo.—Ostertag Bros.
- St. Paul, Minn.—Holm & Olson.
- St. Paul, Minn.—I. L. May & Co.
- San Francisco—J. B. Boland, 60 Kearny St.
- San Francisco—Podesta & Baldocchi.
- Seattle, Wash.—Hollywood Gardens.
- Sedalia, Mo.—Archias Floral Co.
- Terre Haute, Ind.—J. G. Heini & Sons.
- Tacoma, Wash.—California Florists.
- Toledo, O.—Mrs. J. B. Freeman.
- Toronto—Dunlop's, 8 and 10 W. Adelaide St.
- Washington—Blackistone.
- Washington—Geo. H. Cooke, Conn. Ave. and L.
- Washington—Gude Bros.
- Washington—J. H. Small & Sons.
- Westerly, R. I.—Reuter's.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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"Some Florist"

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

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Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF HEINL'S

St. Louis, Mo.

WIRE

Grimm & Gorly

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer, Thirty-fourth annual convention, Chicago, June 20-22, 1916.

CHICAGO has been selected for the next seedsmen's convention, June 20-22.

A. E. MCKENZIE, of Brandon, Man., and family are in Chicago for a few weeks.

THE weather at Chicago does not average as steadily cold as is needed for onion sets in storage.

A. T. FERRELL and wife, Saginaw, Mich., passed through Chicago last week on their way to Hot Springs, Ariz.

CHICAGO.—Prices for grass seed on the Board of Trade, January 12, were as follows: Timothy, \$6 to \$8 per 100 pounds.

CARL CROPP of Vaughan's Seed Store, Chicago, has been confined to his home this week with the epidemic lagrippe.

CHINESE NARCISSUS, it is stated by an American importing house, will be in short supply next season at advanced prices.

CHAS. M. JACKMAN, with Vaughan's Seed Store, who has been in Europe for this firm since last June, is due in New York on his return trip January 16.

ALBERT MCCULLOUGH's many friends will regret to learn of his serious illness at a Cincinnati hospital where he had to undergo an operation for trouble of the intestines.

W. W. BARNARD, president of the W. W. Barnard Co., Chicago, continues to make satisfactory progress toward recovery and expects to leave for California January 16.

FOUR thousand tons of onions and 5,000 tons of carrots have been purchased on Puget Sound for shipment to Ladner, B. C., where they will be canned for shipment to Europe for use of British and French armies.

LESTER L. MORSE, who attended the executive committee meeting of the American Seed Trade Association at New York, January 7, returned to Philadelphia, where he and Mrs. Morse have been stopping for some time.

MADISON, WIS.—The L. L. Olds Seed Co. reports a substantial increase in its business both in the wholesale and retail departments, the total increase in the seven years the company has been in business here being about 400 per cent.

HARRISBURG, PA.—At the annual meeting of the Holmes Seed Co., the following officers were elected: B. F. Myers, president; Geo. A. Gorgas, vice-president; Frank R. Leib, secretary; H. W. Hill, treasurer; H. L. Holmes, general manager.

LATEST advices from southern France seed districts indicate that some seed crops are coming forward from those St. Remy concerns some of which have been in trouble with the military authorities over unauthorized shipments to Germany.

California Crops.

Gilroy, January 8.—L. W. Wheeler, manager of the Pieters-Wheeler Seed Co., who has just returned from his eastern trip, writes that seed crops in California are mostly planted under favorable conditions. Heavy rains the past week have stopped all operations but so far have done little damage. At this date the outlook is favorable. Last season's surplus has been well cleaned up with the possible exception of some sorts of lettuce. The 1916 contracts are reported as showing a decided increase with all growers.

American Seed Trade Association.

The executive committee of the American Seed Trade Association met in New York January 7 with the following in attendance: President J. M. Lupton, Mattituck, N. Y.; Secretary C. E. Kendel, Cleveland, O.; Ex-President Lester L. Morse, San Francisco, Calif.; Watson S. Woodruff, Orange, Conn.; and Herman Simmers, Toronto, all members of the committee, and on invitation Henry Nungesser, M. H. Duryea and J. B. Deamud, representing the New York members. It was voted to hold the next convention June 20-22, 1916, in Chicago, headquarters to be announced later. A tentative program was arranged and the following resolution was adopted:

Resolved, That the executive committee of the American Seed Trade Association in annual meeting assembled recommends to the association that beginning January 1, 1917, that this association and its members use the cental system exclusively by offering all grass, clover, garden and field seeds, potatoes and onion sets by the pound and hundred pounds and abolishing the listing or trading in quarts, pecks and bushels.

C. E. KENDEL, Sec'y.

Ferrell Increases Capital.

Incorporation articles were filed December 27, with the county clerk by A. T. Ferrell & Co., manufacturers of seed-cleaning and canning machinery, Saginaw, Mich., fixing the capitalization at \$500,000, issued two-fifths and three-fifths respectively in preferred and common stock. A. T. Ferrell holds 4,700 shares of stock, 200 of common are in the possession of Frederick M. Marks, and Samuel E. Nimmons has 100 shares preferred. The company's assets are placed at \$482,347.73. There will be no change in the management of the business. The company incorporated to be better able to care for its increasing business.

The preferred stock of the new company is an eight per cent stock, payable semi-annually. President Ferrell in speaking of the business said that the "outlook for next year was exceedingly good."

This company has been one of the most successful institutions in this city. Established by Mr. Ferrell more than a quarter of a century ago with a very limited capital it has grown

steadily year after year and for many years has been recognized as one of the leading institutions of its kind in the country. Much of its phenomenal success has been due to the mechanical genius and business acumen of Mr. Ferrell, who has led the way in perfecting new devices and machinery and developed the sales in an extraordinary manner.

It is announced that about ten of the leading mechanics in the factory will take stock in the new company. Two of its officers, Messers Marks and Nimmons, have been associated with Mr. Ferrell many years and have contributed largely to the up-building and development of the business.

The stockholders organized December 28, with the following officers: A. T. Ferrell, president and general manager; Arnold Boutell, vice-president; Frederick M. Marks, secretary; Samuel E. Nimmons, treasurer. These officers with Clarence H. Brand comprise the board of directors.

Burpee's Fortieth Anniversary Supplement

"Forty Years of Burpee Service" is the title of the fortieth anniversary supplement being distributed by W. Atlee Burpee & Co., Philadelphia, Pa., commemorative of two score years of wonderful business success. The cover of the book is especially attractive, and reflects great credit upon W. F. Therkildson, advertising manager of the company, as well as the 80 bright, well illustrated pages arranged under his supervision. The text is interesting and cleverly tells the history of the firm and its founder in a number of articles by well-known writers which have appeared in many periodicals of prominence in the United States and Europe. The Burpee Buildings at Philadelphia, the business offices, and the various other departments are shown in pictures and the story of the routine and system employed in caring for the enormous volume of business is interestingly told. Fordhook Farms, Doylestown, Pa., Sunnybrook Farm, Swedesboro, N. J., and Floradale Farms, Lompoc, Calif., are also described and the accompanying illustrations are not only attractive, but help much in the telling of a story well worth the reading.

Another anniversary souvenir that is being presented by W. Atlee Burpee & Co. to their friends and customers is a booklet of 40 pages entitled, "Best Ways to Cook Fresh Vegetables," by Mrs. Anna B. Scott, nationally famed as a cooking expert and an authority on household economics. Various ways of preparing about 30 varieties of vegetables are given in the recipes.

Pieters-Wheeler Seed Company

Growers of
High Grade
SEED

Gilroy,
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Onion,
Lettuce,
Radish,
Sweet Peas
Etc.

Correspondence
Solicited.

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Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY,
ENDIVE, LEEK, SALSIFY and SWEET PEAS.

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SAN JOSE, CALIFORNIA

Company

THE MACNIFF HORTICULTURAL COMPANY

54-56 Vesey Street, NEW YORK

The Largest Horticultural Auction Rooms in the World—
Consignments Solicited.

Bids for Government Seed Contracts.

The 61 bids for government seed contracts were opened at the office of seed distribution, department of agriculture, Washington, D. C., January 11. This is the first time in many years European growers failed almost entirely to bid, only two English and two French firms making offers. In former years the foreign bidders were almost as numerous as those of the United States. The concerns tendering bids were as follows:

- Aggeler & Musser Seed Co., Los Angeles, Calif.
- Arkansas Valley Seed House, Lakin, Kans.
- J. K. Armsby Co., San Francisco, Calif.
- The W. W. Barnard Co., Chicago.
- Barteldes Seed Co., Lawrence, Kans.
- E. R. Bliss, Greeley, Colo.
- John Bodger & Sons Co., Los Angeles, Calif.
- F. W. Bolgiano & Co., Washington, D. C.
- G. S. Booth, Cairo, Ga.
- D. V. Burrell, Rocky Ford, Colo.
- California Seed Growers Assn., San Jose, Calif.
- Carter's Tested Seeds, Inc., Boston, Mass.
- Chesmore-Eastlake Merc. Co., St. Joseph, Mo.
- Everett B. Clark Seed Co., Milford, Conn.
- M. H. Coon, Rocky Ford, Colo.
- Chauncey P. Coy & Son, Waterloo, Neb.
- The Coy Seed Co., Inc., Valley, Neb.
- Denaiffe & Son, Carignan, France.
- Ebbert Seed Co., Rocky Ford, Colo.
- Epper Columbia Co., Marble, Wash.
- Henry Fish Seed Co., Carpinteria, Calif.
- J. S. Friesner, Garden City, Kans.
- D. H. Gilbert, Monticello, Fla.
- L. P. Goodwin, Cairo, Ga.
- Hartwell-Waggoner Co., Rocky Ford, Colo.
- Hunter Seed Co., San Francisco, Calif.
- Irvin Bros., Rocky Ford, Colo.
- R. H. James, Rocky Ford, Colo.
- Victor Johansen Seed Co., Los Angeles, Calif.
- Jones Bros., Summerville, Ga.
- Jung Seed Co., Randolph, Wis.
- Kelway & Sons, Langport, Somerset, Eng.
- Kimberlin Seed Co., Santa Clara, Calif.
- W. A. King & Sons, Summerville, Ga.
- King-Pharr Co., Catherine, Ala.
- Lake Shore Seed Co., Dunkirk, N. Y.
- Lenawee Seed Co., Blissfield, Mich.
- William McGary, Rollo, Kans.
- James L. Morgan, Cairo, Ga.
- Norton H. Morrison, Fairfield, Wash.
- G. W. Oliver, Rocky Ford, Colo.
- George R. Pedrick & Son, Pedricktown, N. J.
- L. C. Pharr, Catherine, Ala.
- Peters-Wheeler Seed Co., Gilroy, Calif.
- S. H. Pollock, Rocky Ford, Colo.
- Philip J. Reifel, Rocky Ford, Colo.
- J. C. Robinson Seed Co., Waterloo, Neb.
- W. H. Robinson, Cairo, Ga.
- Rogers Bros., Alpena, Mich.
- Waldo Rohnert, Gilroy, Calif.
- Routzahn Seed Co., Arroyo Grande, Calif.
- Delala Shaulis, Rocky Ford, Colo.
- J. A. Shaulis, Rocky Ford, Colo.
- Sioux City Seed & Nursery Co., Sioux City, Ia.
- George W. Smith, Rello, Kans.
- H. Van Buskirk Seed Co., Rocky Ford, Colo.
- Vilmorin-Andrieux & Co., Paris, France.
- Western Seed & Irrigation Co., Fremont, Neb.
- S. C. Wood, Rocky Ford, Colo.
- W. F. Woodside, Rocky Ford, Colo.
- S. D. Woodruff & Sons, Orange, Conn.

Catalogues Received.

Vaughan's Seed Store, Chicago and New York, seeds, bulbs, plants and supplies; Northrup, King & Co., Minneapolis, Minn., seeds; W. Atlee Burpee & Co., Philadelphia, Pa., seeds; Wm. Henry Maule, Inc., Philadelphia, Pa., seeds; J. J. H. Gregory & Son, Marblehead, Mass., seeds; Cole's Seed Store, Pella, Ia., seeds; The Conard & Jones Co., West Grove, Pa., plants, bulbs, shrubs, etc.; Royal Palm Nurseries, Oneco, Fla., nursery stock; Arthur Cowee, Berlin, N. Y., gladioli; Sunnyside Gladiolus Gardens, Natick, Mass., gladioli; E. E. Stewart, Brooklyn, Mich., gladioli; F. H. DeWitt & Co., Wooster, O., geraniums, pelargoniums.
Simon Louis Freres & Co., Bruyeres-Le-Chatel (Seine-et-Oise) France, seeds; Peter Lambert, Trier, Germany, roses.

FLOWER SEEDS For Early Sowing

Complete list for the asking, 10 per cent discount for cash.

They're FRESH	T. P. Oz.	Crop of 1915	T. P. Oz.
Ageratum, dwarf blue.....	\$0.05 \$0.30	Lobelia Speciosa	\$0.10 \$0.50
Alyssum Little Gem.....	.10 .60	Lobelia Crystal P. Comp.....	.15 1.40
Aster Queen of Market.....	.10 .50	Pyrethrum Aureum.....	.05 .25
Begonia Erfordii.....	.25	Shamrock, Irish.....	.10
Cobaea Scandens, purple.....	.10 .40	Smilax.....	.10 .25
Dracaena Indivisa.....	.10 .25	Snapdragon, Giant.....	.10 .35
Forget-Me-Not Dissitiflora.....	.25	Stock, Cut and Come Again.....	.25
Mignonette Machet.....	.10 .50	Stock, Ten Weeks', mixed.....	.25
Petunia, Calif. Giants.....	.25	Thunbergia.....	.10 .40
Salvia Splendens.....	.15 1.00	Verbena, Mammoth.....	.15 1.00
Salvia Fireball.....	.31	Vinca, mixed colors.....	.15 .60

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, CHICAGO, 231-235 W. Madison Street.

Western Seed & Irrigation Co.

Wholesale seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT, NEBRASKA

Watermelon Seed

Send memorandum of requirements from crop 1916, and I will name lowest price.

VELVET BEANS FOR IMMEDIATE SHIPMENT

D. H. GILBERT, Grower, MONTICELLO, FLA.

Water Melon and Okra Seed

Grown for the Wholesale Trade.

Let us have your wants for another season to be grown under contract by us.

W. E. HAILE, Seedsman, Monticello, Fla.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

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Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany



H. WREDE LUNEBURG, GERMANY PANSY SEED

184 First Prizes, the highest awards Chicago, Paris, London, Bruxelles, Berl., Hamb., Rome. 1000 seeds, finest mixed...25c 1 oz. ...\$2.25

Price list on application. Cash with order

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Large Growers and Shippers of

BEANS, PEAS and ONION SEED

Correspondence Invited

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Lily of the Valley Pips

Berlin and Hamburg

Cold Storage Each

In cases of 3000 pips, \$40.00

In cases of 1000 pips, 14.00

In cases of 250 pips, 4.00

J. M. THORBURN & CO.

53 Barclay St., through to 54 Park Place, NEW YORK

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. SWEDSBORO, N. J.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

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	Per 100	Per 1000
Small bulbs.....	50/-	£20
Larger bulbs.....	£5	£40
Strong flowering sized bulbs		
60/- per dozen, £20 per 100		

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VALLEY

Brun's Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round, \$18.00 for 1000; \$9.50 for 500; \$5.00 for 250; \$2.50 for 100.

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WATERLOO, NEBRASKA.

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(Seine et Oise)

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GARDEN, FIELD AND CHOICE FLOWER SEEDS.

Let us hear from you and we will send you prices. We are buyers of

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COLD STORAGE VALLEY

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Best excellent quality.....\$13.00 per 1000

Order Now For Prompt Shipment.

DIETRICH HEYDEMANN, 17 Battery Place, New York

SPIRÆA

Peach Blossom (L. Pink) Per 100 \$7.00

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Best quality, 1000 to case, at \$16.60.

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The Home of "Pure and Sure Seeds"
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Get Quotations From

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SEEDS WHICH SUCCEED

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Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

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Correspondence solicited.

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Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
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GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip

Radish, Beet,

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Mention the American Florist when writing

THE G. HERBERT COY SEED CO.
 VALLEY, Douglas County, NEB.
 CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin,
 Sweet, Flint and Dent Seed Corn.

James Vick's Sons
 Seedsmen, Nurserymen, Florists
ROCHESTER, NEW YORK
 Let us supply your wants in Fall Bulbs

S. M. Isbell & Co.,
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 CONTRACT SEED GROWERS,
 Beans, Cucumber, Tomato, Muskmelon,
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 Correspondence solicited.

ROUTZAHN SEED CO.
 Arroyo Grande, Calif.
 Sweet Pea and Nasturtium Specialists.
 Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
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Contract Growers Of
 Pepper Tomato Egg Plant Spinach
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Fancy Caladium Bulbs
 12,000 fine well developed bulbs in 40
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 Delivery January, February.

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THE KIMBERLIN SEED CO.
 WHOLESALE SEED GROWERS **SANTA CLARA, CAL.**

Growers of
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 Correspondence solicited.

GARDEN SEED
 Beet, Sweet Corn, Garden Beans, Onion Sets,
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 of the short crop of this past season, as well as
 a full line of Garden Seeds, will be quoted you upon
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S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK
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Tree, Shrub and Palm Seeds
 For the Florist and Nursery trade.
 Send for price list.
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We are growers of this stock in quantity
 and the bulbs we send out for forcing under
 glass are especially selected for this purpose.

Mrs. Francis King, First Size } Write
 Augusta, - - - " " } For Prices
 America, - - - " " } and
 Chicago White, - " " } Samples.
 Florist XXX Mixed, " " }

We can also supply "Medium Size"
 bulbs of the above varieties.

1916 Prices on all leading kinds are ready.

Vaughan's Seed Store CHI
 NEW YORK

Mention the American Florist when writing

Asparagus Plumosus Seeds
 New crop, fresh, lath-house grown.
 5,000 or more seeds.....\$1.30 per 1000
 20,000 " " 1.20 "
 50,000 " " 1.00 "
 Delivered free anywhere in the United States upon receipt of remittance.
McHUTCHISON & CO., THE IMPORT HOUSE
 17 MURRAY ST. NEW YORK

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97th Year
J. BOLGIANO & SON,
 Wholesale Garden and Field Seeds,
 Onion Sets, Seed Potatoes
 Growers of
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R. & M. GODINEAU
SEED GROWERS
 Angers, - France
 Specialties: Beets, Mangoes, Carrots, Cabbages,
 Celeries, Parsleys, Parsnips, Turnips.
 Growing Crops Given Personal Attention.
 Mention the American Florist when writing

Henry Fish Seed Co.
 Bean Growers for the
 Wholesale Seed Trade
CARPINTERIA, CALIF.
 Mention the American Florist when writing

Have just received a small surplus of
**Japan Grown Freesias and
 L. Formosums.**
 Cold storage GIGANTEUMS always on hand.
 Write for prices.
Yokohama Nursery Co., Ltd.
 Woolworth Bldg., New York City
 Mention the American Florist when writing

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President;
Howard W. Selby, Philadelphia, Pa., Vice-
President; S. W. Severance, Louisville, Ky.,
Secretary; E. A. Dunbar, Ashtabula, O.,
Treasurer.

Next annual convention will be held Sep-
tember, 1916.

Prices of Indoor Fruits and Vegetables.

Chicago, January 11. — Mushrooms, home grown, No. 1, 20 to 25 cents per carton; lettuce, cases 30 cents; radishes, 30 cents to 40 cents per dozen bunches; celery, 10 to 20 cents per bunch; tomatoes, six baskets, \$2.00 to \$3.25; cucumbers, dozen \$1.00 to \$1.75.

New York, January 11.—Celery, per bunch of 12 stalks, 15 to 50 cents; cucumbers, \$1.25 to \$1.50 per dozen; mushrooms, \$1.00 to \$1.25 per 4-pound basket; tomatoes, 10 cents to 30 cents per pound; radishes, per 100 bunches, \$2.00 to \$3.50; lettuce, per dozen, 15 cents to 60 cents.

Cold Storage for Vegetables.

Vegetable growers are slowly beginning to realize the benefits and advantages to be derived from cold storage. There are a number of factors responsible for this condition. The main one is no doubt the labor problem. It is a much more simple process to run a crop of celery into cold storage and out again than to trench the celery. Further, cold storage gives us more assurance of success than the natural method as conditions are under control. We have before us records showing that any given date may vary enormously from year to year as regards weather conditions; for instance, January 15, in the run of ten years, has given us variations from 65° in the shade to 20° below zero. Coupled with these extremes we may have bare ground or several feet of snow, or our land covered with water. It is readily seen that under such varying conditions storage outdoors is a hazard at best, and coupled with a great deal of labor, often of the most undesirable nature. Further, we must consider the ability to reach our market at a given time.

Next to the above may be mentioned the capricious customer, who is sure to demand the very things that are out of season. We have experimented considerably with cold storage for a number of years, and our subjects have ranged from green lima beans to cabbage; especially have we put pressure on head lettuce to prolong the season in early summer and late fall. The rules for cold storage are now fairly well established, and by paying strict attention to them losses can be avoided. To begin with, it only pays to store practically first-class stock in first-class condition. By first-class we mean produce that will command a high market price; by first-class condition we mean many factors, such as mature, yet not over-ripe; not damaged by rough handling; not packed in large bulk to induce heating; not exposed to warm influences after packing; neither wet from rain, or dew, and not damaged by freezing in the field. If we can control all these, we must see to it that our

goods are quickly cooled after packing. To this end they should not be piled high or deep in the cold room; much better results are obtained by precooling the packages either in a separate room or in the regular room by complete exposure on all sides.

Next we may consider ideal cold storage. This means a temperature low enough to arrest the development of decay germs, yet not so low as to hurt our goods; this temperature must be constant, as a fluctuation is generally disastrous. Our goods contain moisture; in operation as soon as our goods are cooled to the temperature of the storage room, there is no appreciable loss of moisture so long as the temperature remains constant. An increase in temperature means expanded air, which will hold more moisture, which is immediately extracted from our goods, causing wilting. On the other hand, any lowering of the temperature has the opposite tendency—shrinking the air and squeezing out the excess moisture, thus depositing moisture on our goods, causing mold and discoloring. Therefore, when contracting for cold storage we must arrange for these points. If our goods are moved from room to room, as they often are to suit the convenience of the operators, we will surely suffer. Also will we suffer if a large amount of new goods are introduced into our room unless these new goods have been precooled to our temperature before admittance. Another factor may be undesirable odors; thus our goods may be stored in the same room with

fish, oranges, onions or other strong-smelling subjects, rendering our goods unsalable owing to absorbed flavors. Last, we must consider freezing temperatures. Thus, apples do not freeze as readily as lettuce, nor will dry onions; and any freezing of green vegetables in storage is surely ruinous. It will be seen that the road to success is not so easy, and here, as elsewhere, eternal vigilance brings its reward.

MARKETMAN

GUELPH, ONT.—The thirty-seventh annual meeting of the Ontario Agricultural and Experimental Union opened at the Ontario Agricultural College in this city, January 10, and continued three days. Many excellent papers and interesting discussions were part of the program.



Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul, Minn

“Market Gardening”

An elementary text book containing 102 pages 5x7, with 36 illustrations by F. L. Yeaw, manager of the Oasis Farm & Orchard Co., Roswell, N. M.

Cloth Bound, 75 cents.

AMERICAN FLORIST CO.,

440 South Dearborn Street, CHICAGO

TO THE TRADE

HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations, Cinerarias, Gloriosa, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world. \$6.00 per oz., or \$1.75 per ¼ oz., \$1.00 per ⅓ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.



Cyrtomium Rochfordianum.

Dreer's Ferns For Dishes

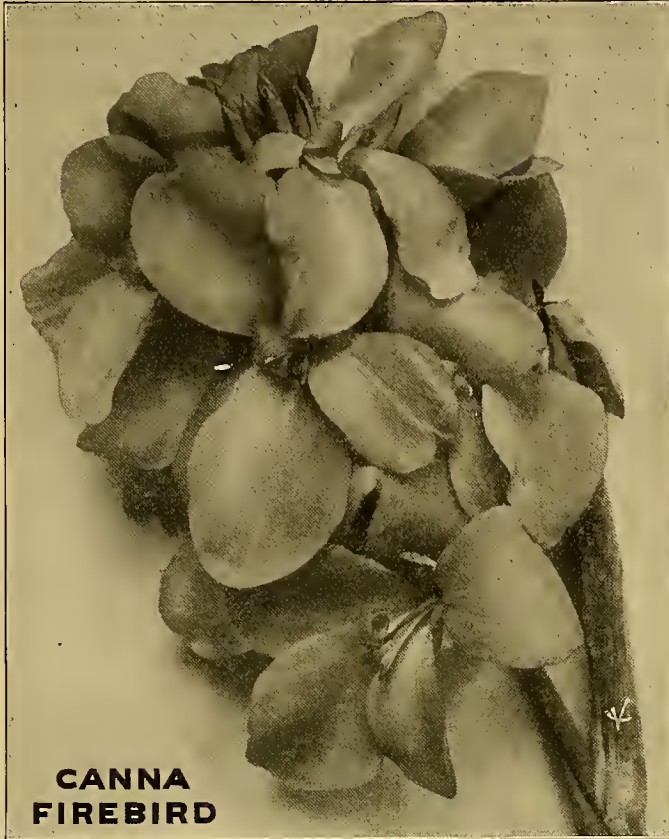
The best stock we
have ever offered

2¼-inch pots,
\$3.00 per 100; \$25.00
per 1000

HENRY A. DREER

714-716 Chestnut St.
Philadelphia, Pa.

The above prices are for The
Trade only



**CANNA
FIREBIRD**

Canna Firebird

**The Best Scarlet, Green-Leaved
Canna. A Grand Companion
to King Humbert.**

We have seen and tested many varieties during the years we have devoted to their culture, and have yet to see the one that can approach it.

Our Rapid Propagation the past two years, brings it now before the public at a moderate price.

You will be asked for it the coming spring.

25 FOR \$5.00

Write for prices on larger lots

Please ask for "Book for Florists"
Spring 1916, Now Ready.

**Vaughan's Seed Store,
Chicago. New York.**

Kentias

We have a Fine Stock Ready Now

Kentia Forsteriana

- 4-inch pots, 16 inches high.....\$0 25
- 6-inch pots, 28-30 inches high..... 1.00
- 6-inch pots, 36 inches high 1.50
- 7-inch pots, 40-42 inches high..... 2.50
- 7-inch pots, 38-40 inches high..... 2.00
- 9-inch combination in green tubs,
4½-5 feet high 5.00

Kentia Belmoreana

- 4-inch pots, 16-18 inches high.....\$0.35
- 6-inch pots, 22 inches high 1.00
- 6-inch pots, 24-26 inches high..... 1.25
- 6-inch pots, 30 inches high..... 1.50

**GODFREY ASCHMANN,
1012 West Ontario Street,
PHILADELPHIA, PA.**

Orchids

If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.

LAGER & HURRELL, Summit, N. J

**Elmer D. Smith & Co.
CHRYSANTHEMUMS**

Ask for catalogue.

ADRIAN, - - - MICH.

Place Your Order Now PALMS, FERNS, ETC.

	Per 100	Per 1,000
2-in. Asparagus Plumosus.....	\$2.50	\$22.50
2-in. Asparagus Sprengeri	2.00	18.00
4-in. Asparagus Sprengeri	8.00	75.00
2-in. Smilax	1.50	15.00
3-in. Dracaena Indivisa	3.00	25.00
Boxwood, fine bushes, 12-in.....	.35	
Boxwood, fine bushes, 15-in.....	.50	
Boxwood, fine bushes, 18-in.....	1.00	
Boxwood, fine bushes, 24-in.....	1.25	
Chrysanthemum Stock Plants—Roman Gold, Chieftain, Nonin, Razer, Chrysolora, Golden Eagle, White Chadwick, Pacific Supreme, Wells' Late Pink, Wells' Late Pink, \$4.00 per 100. Aspidistras, green variety, 6-in., \$1.25; variegated variety, 6-in., \$1.50 each.		

AZALEAS

Deutsche Perle, Vervaeana, Mme. Vander Cruyssen, Vervaeana Alba, Pres. De Kerchove, Mme. Petrick, Simon Mardner, Mme. Rom. De Smet, Empress of India, Niobe, and several hundred assorted of the named, the new and old varieties, 25c, 50c, 75c, \$1.00, \$1.25, \$1.50, \$1.75, \$2.00, up; a fine lot of specimen plants.

Rooted Cuttings of Geraniums, Roses, Carnations and Chrysanthemums. List and Prices Sent on Request. **CASH OR SATISFACTORY REFERENCE.**

I. W. HEINLY, 205 Sec. Ave., Royersford, Pa.

Mention the American Florist when writing

BUDDLEIA ASIATICA

Five pot plants at \$5.00 per 100, in bud. Rooted cuttings, \$2.50 per 100, Feb. delivery. Geraniums, S. A. Nutt, \$12.50 per 1000; Ricard and Poitevine \$15.00 per 1000; all sold until Feb. 17th.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

Kentia Forsteriana and Kentia Belmoreana.

	Each
2-inch pots, 6-8 inches high.....	\$0.15
4-inch pots, 16-18-inch high.....	.35
5-inch pots, 22-24 inches high.....	.75
6-inch pots, 24 inches high.....	1.00
6-inch pots, 30-inch., 5-6 leaves.....	1.25
6-inch pots, 36-in., 6-7 leaves.....	1.50
7-inch pots, 38-40 in., 8-10 leaves.....	2.00
7-inch pots, 44-48 in., 8-10 leaves.....	2.50
8-inch tubs, 50-in., 10-12 leaves.....	3.00
10-in. tubs, 60 in. and Specimen plants, \$5.00 to \$10.00 each.	
Araucarias, 5-in., \$1.00; 6-in., \$1.25 to \$1.50; 7-in., \$1.50 each.	
Rubber Plants, 5-in., 40c; 6-in., 50c each.	

GREEN GOODS

Wild Smilax, per case.....	\$5.00
Dagger Fern	\$1.50 per 1,000
Fancy Fern	2.00 per 1,000
Lencothoe, spray .....	.75 per 100
Green Galax	1.00 per 1,000
Bronze Galax	1.00 per 1,000
Fadeless Sheet Moss.....	3.50 per bag

ALL FRESH FROM THE WOODS.

Trade Directory

Price: \$3.00, postpaid

American Florist Co.,

440 S. Dearborn Street

CHICAGO

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President;
John Watson, Newark, N. Y., Vice-Pres-
dent; John Hall, 204 Granite bldg., Roch-
ester, N. Y., Secretary.
Forty-first annual convention will be held
at Milwaukee, Wis., June, 1916

LAFAYETTE, ILL.—George A. White has sold his nursery to George Vansickle of West Jersey and will remove to Kewanee, Ill.

DANSVILLE, N. Y.—A petition was filed January 3, by G. Walter Williams individually and as surviving partner in the firm of Denton, Williams & Denton, nurserymen, of this city. Liabilities are \$5,546.49 and assets \$5,026.50.

Torreya Nucifera.

Of the genus *Torreya*, which is related to the Yews, there are four species found in Florida, California, Japan and China. The Japanese species, *T. nucifera*, is well established in the arboretum, and one of the trees produced a few of its green olive-like fruits this year. In Japan this *Torreya* is a magnificent tree sometimes 90 feet high, with a massive trunk and a dense crown of dark green shining leaves. It should be better known in this climate, where it is apparently one of the rarest of exotic trees. The best specimen, probably, in the United States is in the Hunnewell Pinetum at Wellesley in this state. The peculiarity of this tree is that it does not begin to grow until July. In spite, however, of its short growing season it makes long annual shoots and increases rapidly in height. There is a group of this tree among the laurels at the base of Hemlock Hill; there is a plant of *Torreya californica* among the exotic conifers near the top of Hemlock Hill, where it has been kept alive for several years by careful winter protection. As an ornamental tree it has no value in this climate.—Arnold Arboretum Bulletin.

The Crime of Being a Nurseryman.

A paper by W. D. Somerville, Los Angeles, Calif., read at the fifth annual meeting of the California Association of Nurserymen, San Francisco, Calif., August 12-14, 1915.

If he sells plants that do not grow after being allowed to dry out, go unpruned, not cultivated, etc., he should be tarred and feathered. If he substitutes even in the interest of the purchaser, he is to be damned.

If flies buzz on his premises, bugs crawl on his land, worms inhabit his soil, if mold is found in his greenhouse, fungus on his plants and heraudamit in his system, bugologists, inspectors and horticultural commissioners usually throw him out on the firing line and proceed to shoot him full of regulations and quarantine his business, because God allowed crawling things on his goods and bacteria and microbes to wander over the surface of the earth.

If he is ambitious to advance in his chosen vocation and puts something new on the market, he is stigmatized as a charlatan and pretender—others have done better and are more scientific; if he is docile and plods along the even tenor of his way he is an ass of the purest ray serene.

If he gets a living price for his goods, he is elevated to the position of a robber baron; if he sells at a low price, so the dear peepul can buy freely, he is a menace to the profession. If he advertises liberally and issues a good catalogue, there are those of his kind who dub him a high-brow; if he don't advertise, the fourth estate dubs him a damphool.

If he presumes to use parcels post he must be fumigated, his goods sent to the purchaser, diagnosed, and if found fretted or lousy, sent to an embalming establishment to be renovated, repaired, scrubbed, pickled, disinfected, or else take their place with the empty tomato can on the dump. If passed by the censor, they may be returned to purchaser, if postage is forthcoming. Of course by this time the plant will be like the Irishman's horse fed on saw dust: viz., dead.

Nature, the eternal energy, the unknown and unknowable, may have designed the nurseryman for a benefactor to mankind, and one who woos nature close to her children, a condition leading to haloes, laurels, fellowship and kindness of thought and action; continual harassment, restright, negative legislation, drastic regulation, Pooch-Bah orders and restraining influences have made of him the champion criminal not only of California but of the continent and of the planet—the earth. And yet, my friends, he is a decent sort of a fellow—a God-fearing man, who wants to do right, is constantly striving for the attainment of an ideal. Don't you think the helping hand is better than the smashing ax? Don't you think that he has been somewhat misjudged; that outside regulation and restraining measures have singled him out of the mass for the doing of things that are God's rather than man's? If you want to do away with bugs and molds, or worms and injurious germs, why not go to first causes, or if that is not possible, why not grapple with the universe instead of an individual? In other words, allow nothing to be transported without inspection. Why should soap, the home of certain vermin, go free, while trees and plants must be infected? Man made the former, God made the latter. Why not hold him to account?

ATHENS, GA.—The annual meeting of the Georgia State Horticultural Society will be held here January 17-19.

ST. LOUIS, MO.—The Missouri State Horticultural Society will hold its annual meeting in this city, January 12-14.

WHITE PLAINS, N. Y.—Carillo & Co., florists and nurserymen, have incorporated with a capital stock of \$10,000. The stockholders are Benj. B. Jacobs, Walter R. Siebrecht and Louis T. Carillo.

LINCOLN, NEB.—The annual meeting of the Nebraska State Horticultural Society will be held in this city January 18-20, with a fruit and flower show. A large attendance of the florists of the state is expected.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.

The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

PEONIES and IRIS

Write for list.

PETERSON NURSERY
Stock Exchange Building, CHICAGO

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,
West Grove, Penna.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.

Send for list—We sell to the Trade only.

Jackson & Perkins Company

NEWARK, NEW YORK

MANETTI STOCKS

We have just received a nice lot of Holland grown **Manetti**. If you are short of stock for grafting, this will interest you. Ask for quotations.

Vaughan's Seed Store
CHICAGO NEW YORK

The Greatest Handicap.

American Florist Co.,
Chicago,

Gentlemen:—The greatest handicap I know of is for a Nurseryman or Florist to try to do business without the **American Florist Co.'s Trade Directory**. I haven't one. Send me a copy.

Yours truly,
JOHN WATSON.
Newark, N. Y., Oct. 8, 1915.

Roses

On Canina Stocks

Write for Prices

Ask for the new Polyantha MARY BRUNI

Royal Nurseries
GRATAMA BROS. & CO.
HOOGVEEN (HOLLAND).

Dreer's Double Petunias

Our Usual Celebrated Strain.

15 varieties, 3 inch pots.
75c per dozen; \$6.00 per 100; the set of 15 sorts, \$1.00.

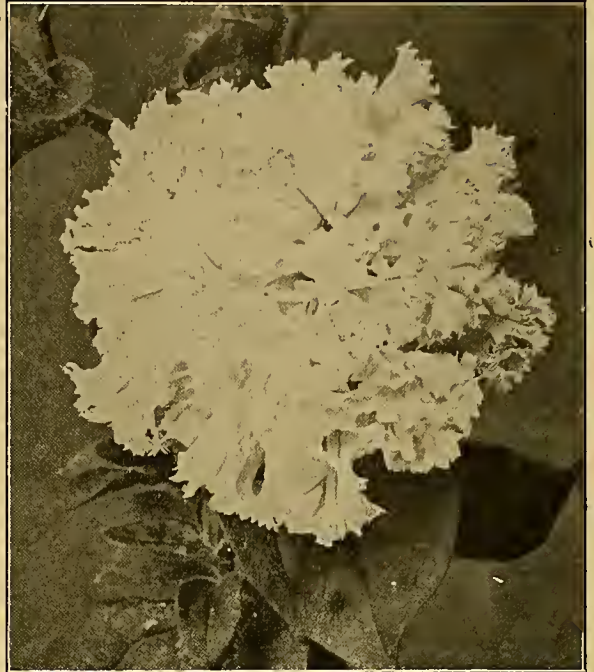
Seeds of Our Own Saving.

Superb Double Fringed, 75c per 500 seeds;
\$1.50 per 1000 seeds.
Superb Single Fringed, 50c per trade packet.

Henry A. Dreer

714-716 Chestnut St., Philadelphia, Pa.

The above prices are intended for the trade only.



Dreer's Double Fringed Petunia.

ASPARAGUS

- Plumosus, 2¼-in. pots, \$1.75 per 100; \$17.00 per 1000.
- Cannas, 1 to 3 eyes, Allemania, \$1.00 per 100. Vaughan, Italia, Patry, B. Prince, Bouvier, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100.
- Obconca Primrose, \$1.50 per 100.
- Geraniums, 2¼-in. pots, S. A. Nutt and other varieties, \$2.50 per 100; \$20.00 per 1000.
- Boston Ferns, from beds, \$15.00 per 100.
- Vinca Variegata, 3½-in. pot, \$5.00 per 100.
- Coleus, 10 varieties, \$2.00 per 100.
- Pansy Plant, Giant flowering, \$2.50 per 1000. — CASH —

JOS. H. CUNNINGHAM
DELAWARE, OHIO

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

- Pyramids, 2 -ft.....\$1.00 each
- Pyramids, 2½-ft..... 1.50 each
- Pyramids, 3 -ft..... 2.00 each
- Pyramids, 3½-ft..... 2.50 each
- Standard Shape, 14x14 in..... 2.50 each
- Globes, 14x14 in..... 3.00 each
- Heavy Bushes, 2-ft..... 1.50 each
- Nice Bushes, 15-in..... .35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

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Jan. List ROSES

THE LEEDLE FLORAL COMPANY
SPRINGFIELD-OHIO

Mention the American Florist when writing

Field Grown Roses

TWO YEAR DORMANT

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|---------------------------|---------------------|-------------------|
| Baby Tausendschon | Jonkheer J. L. Mock | Dean Hole |
| Erna Teschendorf | Mme. Jules Grolez | Mme. Ravary |
| Kaiserin Augusta Victoria | (Red Kaiserin) | Clotilde Soupert, |
| Killarney | Farbenkonigen | \$12.00 per 100. |
| Gen. McArthur | Prince de Bulgarie | |
- Unless noted, \$15.00 per 100.

CLIMBING ROSES

- | | | | |
|-------------------------------------|---------|--------------------|---------|
| | Per 100 | | Per 100 |
| Climbing American Beauty..... | \$17.50 | Hiawatha..... | \$12.00 |
| Crimson Rambler..... | 12.00 | White Dorothy..... | 10.00 |
| Excelsa (Red Dorothy Perkins) 12.00 | | | |

A full list of all Roses on demand.

The Storrs & Harrison Co., Painesville, Ohio

POT-GROWN

FRENCH HYDRANGEAS

All Plants Are Pot-Grown from Best Varieties.

Four, six and eight branches, 4-in., \$10.00; 5-in., \$15.00; 6-in., \$20.00 per 100.

Nephrolepis Verona A crested fern of the highest type. Best of all frilled ferns, 2-in., \$8.00; 2½-in., \$10.00; 3-in., \$12.00 per 100.

P. S. RANDOLPH & SONS

WHOLESALE PLANT SPECIALISTS, R. D. 1, VERONA, PA.

If YOU are interested in Mid-Winter

Blooming Plants

— or anything in —

Soft Wooded Plants

— Write —

Geo. A. Kuhl, Wholesale Grower, PEKIN, ILL.

Alyssum Double Giant

The cut flower variety, 2 in., \$2.00 per 100 \$18.00 per 1000.

Daisy Mrs. F. Sander—The Money Maker, 2 in., \$2.00 per 100; \$18.00 per 1000.

Smilax, good strong 2 in., \$1.25 per 100.

Parsley, double curled, \$2.50 per 1000.

Good packing—prompt shipment.

ELMER RAWLINGS, Wholesale Grower, Allegany, N. Y.

It's a Real Pleasure to Sell Heacock's Fine, Home-Grown Palms

Kentia Forsteriana			
	Leaves	In. high	Each Per doz.
6-in. pot.....	5 to 6.....	28 to 30.....	\$1.00 \$12.00
6-in. pot.....	6.....	34 to 36.....	1.50 18.00

Areca Lutescens		Each
6-in. pot, 3 plants in a pot, 22 to 24-in. high.....		\$0.75
6-in. pot, 3 plants in a pot, 24 to 28 in. high.....		1.00

Made-up Kentia Forsteriana			
	In. high	Each	Per doz.
7-in. cedar tub, 4 plants in tub, 36.....		\$ 2.50	
7-in. cedar tub, 4 plants in tub, 36 to 40.....		3.00	
9-in. cedar tub, 4 plants in tub, 40 to 42.....		4.00	
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft., heavy.....		10.00	
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft., heavy.....		12.50	
12-in. cedar tub, 4 plants in tub, 6 to 7 ft., heavy.....		15.00	
12-in. cedar tub, 5 plants in tub, 7 to 8 ft., heavy.....		18.00	

Kentia Belmoreana			
	Leaves	In. high	Each Per doz.
2½-in. pot.....	4.....	8 to 10.....	\$1.50
3-in. pot.....	5.....	12.....	2.00
4-in. pot.....	5 to 6.....	15.....	\$0.40 4.50
5-in. pot.....	6 to 7.....	18.....	.50 6.00
6-in. pot.....	6 to 7.....	24.....	1.00 12.00
6-in. pot.....	6 to 7.....	26.....	1.25 15.00
6-in. pot.....	6 to 7.....	28 to 30.....	1.50 18.00
7-in. cedar tub.....	6 to 7.....	34 to 36.....	2.50 30.00
9-in. cedar tub.....	6 to 7.....	5 ft., very heavy.....	8.00

"When in Philadelphia, Be Sure to Look Us Up."

JOSEPH HEACOCK CO., Railway Station, Wyncote, Pa. Jenkintown.

R. Van der Schoot & Son,

Hillegom, Holland
(Established 1830)

Have still a large stock of
Lily of the Valley,
best crowns, of their own growing.

	Per 1000
A—Foliage oval shape.....	\$8.00
B—A longish shape.....	6.00
Solomon's Seal, giganteum.....	8.00
Solomon's Seal, macrophyllum.....	9.00

Roses

Surplus in the following
best quality, on Canina:

	Per 100
Mrs. Andrew Carnegie.....	\$6.00
Edward Mawley.....	5.00
Mrs. Herbert Stevens.....	6.00
Louise Catherine de Breslau.....	6.00
Madame Edouard Herriot.....	7.00
Marle Adelaide Grand Duchesse de Luxembourg.....	6.00
Rayon d'or.....	4.50
Sunburst.....	5.00
Willowmere.....	6.00

Standards

	Per 1000
Madame Edouard Herriot.....	\$24.00

Very large stock of **ROSES**, of which list of varieties on application.

Paeonies

Sinensis, in 24 best named varieties, per 1000.....	\$40.00
---	---------

We are growers of about 8 acres of them.

Begonias

Best Strain Known	Per 1000
Single to color.....	\$13.00
Double to color.....	17.00

For Fancy Sorts See Our Spring List.

Plant List (Spring 1916) Now Ready.

Mention the American Florist when writing

Palms and Other Seasonable Stock

A splendid lot of Kentias in all sizes.

Kentia Belmoreana, made up, very bushy. 8-inch tubs, 36 inches high, at.....	\$3.00 each
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7-inch tubs, 3 plants in a tub, 36 inches high, at.....	\$3.00
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Araucarias, Rohusta Compacta, 3 to 4 tiers, \$1.50 and \$2.00 each. Excelsa, 3 to 4 tiers, \$1 each; 4 to 5 tiers, \$1.50; 5 tiers, \$2.00. Poehlmann Bros. Co., Morton Grove, Ill.

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Araucarias, 5-in., \$1.00; 6-in., \$1.25 to \$1.50; 7-in., \$1.50 each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

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ASPARAGUS PLUMOSUS NANUS. Fine 3-inch stock, \$4.50 per 100. Extra heavy 4-inch, \$5 per 100. SPRENGER, 3-inch, \$4 per 100. THE WAGNER PARK NURSERY Co., Sidney, O.

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Asparagus plumosus, 2 1/4-inch, \$3 per 100; 3-inch, \$6 per 100; made-up pans, \$4.20 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus seedlings, July sown; postpaid, 60c per 100; \$5 per 1,000. Berno Floral Co., Orlando, Fla.

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ASPARAGUS PLUMOSUS and SPRENGER, 3-inch, \$5; 4-inch, \$12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprenger, 3-inch, \$5 per 100. The Storrs & Harrison Co., Painesville, O.

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Aspidistras, green variety, 6-in., \$1.25; variegated variety, 6-in., \$1.50 each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

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Azaleas, Deutsche Perle, Vervaeana, Mme. Van der Cruyssen, Vervaeana Alba, Pres. de Kerchove, Mme. Petrick, Simon Mardner, Mme. Rom. de Smet, Empress of India, Niobe, etc., 25c, 50c, 75c, \$1, \$1.25, \$1.50, \$1.75, \$2 and up each. I. W. Heinly, 205 Sec. Ave., Royersford, Pa.

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Per 100 Per 100
2 1/2-inch.....\$12.00 4-inch.....\$35.00
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Xmas Red, 2 1/4-in.....\$ 6.00
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Bouvardia stock plants, dbl. pink and white, 3c. LEVANT COLE, Battle Creek, Mich.

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PYRAMIDS—Broad, heavy specimens, 2 ft., \$2.25 each; 2 1/2 ft., \$2.75 each; 3 ft., \$3.25 each; 4 ft., \$4.50 each; price includes tubs, f. o. b. Dundee.
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Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

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Bulbs, Lillium Giganteum, 7-9, \$6 per 100; case 300, \$17; 9-10, \$9 per 100; case, 200, \$17.50. Formosum, 8-10, \$8 per 100; case, 225, \$17; 9-10, \$9 per 100; case 100, \$14. Magnificum, 8-9, \$5.50 per 100; case 200, \$10. Wm. F. Kastig Co., 333-337 Ellicott St., Buffalo, N. Y.

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Bulbs, Amaryllis, small bulbs, 50/- per 100; \$20 per 1000; larger bulbs, \$5 per 100; \$40 per 1000; strong flowering size, 60/- per dozen; \$20 per 100. William Bull & Sons, King's Road, Chelsea, London, England.

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CANNAS—We offer for prompt delivery, in strong divisions, 2 or more eyes, Burbank and Louisiana at \$10 per 1,000; in lots of 5,000 or more. Special prices given on request. BARTELDES SEED CO., Oklahoma City, Okla.

Cannas, 1 to 3 eye, Allemania, \$1 per 100. Vaughan, Italia, Patry, B. Prince Bouvier, Burbank, Gray, Flamingo, Berat, Henderson, \$1.25 per 100. Jos. H. Cunningham, Delaware, O.

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Aviator	100	1,000
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25 or more at 100 rate. 250 or more at 1,000 rate. First class guaranteed cuttings. J. D. THOMPSON CARNATION CO., Joliet, Ill.

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We guarantee all our cuttings to be taken from extra strong, healthy plants, most of which are grown for cuttings only, and proved to be by experience the very best varieties for the ordinary commercial grower.

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Rooted cuttings from clean, healthy stock:

Enchantress	100	1,000
Victory, Winsor	\$1.75	\$15.00
White Enchantress	1.50	14.00
White Wonder	2.00	18.00
Enchantress Supreme	2.50	22.00

A. T. PYFER & CO., 30 East Randolph Street, Chicago, Ill.

Carnations, Nancy, \$12 per 100; \$100 per 1,000. Pink Sensation, Good Cheer, Alice, \$6 per 100; \$50 per 1,000. Matchless, Yellow Prince, \$3.50 per 100; \$30 per 1,000. Champion, Yellowstone, White Wonder, White Enchantress, Rosette, Mrs. C. W. Ward, Enchantress, Gloriosa, Benora, \$3 per 100; \$25 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

ROOTED CARNATION CUTTINGS FROM SAND.

Enchantress.....\$15.00 per 1,000 Nic. Reding, 6731 Ridge Ave., Chicago.

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Fine healthy stock ready for immediate delivery.
Light Pink Enchantress.....\$2.00 \$14.00
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ROOTED CARNATION CUTTINGS.
Taken from the best stock sold in the Chicago market. Ready for immediate delivery:
Enchantress 100 1,000 \$2.00 \$18.00
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Victory 2.00 18.00

ZECH & MANN,
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Carnations, Belle Washburn, Nebraska, Alice Coombs, Nancy, Miss Theo, \$12 per 100; \$100 per 1,000. Also second year introductions and standard sorts. S. S. Skidelsky & Co., 1004 Lincoln Bldg., Philadelphia, Pa.

CARNATION CUTTINGS.
FINE, HEALTHY STOCK.
Enchantress, unrooted.....\$8.00 per 1000
E. H. MEURET,
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Carnation Belle Washburn, rooted cuttings, \$12 per 100; \$100 per 1,000; 500 at 1,000 rate. Bassett & Washburn, 178 No. Wabash Ave., Chicago.

Carnation Miss Theo, rooted cuttings, \$12 per 100; \$100 per 1,000. Littlefield & Wyman, North Abington, Mass.

Carnation Aviator, \$12 per 100; \$100 per 1,000. J. D. Thompson Carnation Co., Joliet, Ill.

CHRYSANTHEMUMS.

FINE BEST EARLY CHRYSANTHEMUMS.
Stock plants full of cuttings now ready.
Oconto, early white, per plant.....25 cents
Early Frost, early white, per plant.....50 "
Crystal Queen, early white, per plant.....50 "
Golden Queen, early yellow, per plant.....50 "
Marigold, early yellow, per plant.....50 "

BASSETT & WASHBURN,
178 North Wabash Avenue, Chicago.
Orders for the Pacific Coast states will please be sent to our Western branch, E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, California.

Chrysanthemum Early Frost, R. C., \$7 per 100; \$60 per 1,000. F. Dorner & Sons Co., Lafayette, Ind.

Chrysanthemum Alex. Guttman, 50c each; \$5 per doz.; \$35 per 100. Guttman & Raynor, Inc., 101 W. 28th St., New York.

Chrysanthemums. Ask for catalogue. Elmer D. Smith & Co., Adrian, Mich.

COLEUS.

Coleus, 10 varieties, \$2 per 100. Jos. H. Cunningham, Delaware, O.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

CROTONS.

Crotons, 6-inch, 75c to \$1 each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN—IMPROVED WANDSBEK TYPE
—In excellent condition; ready for shift; mostly pink, red and salmon colors; 2½-in., \$5 per 100; 3-in., \$7 and \$10 per 100; 4-in., \$12.50 and \$18 per 100; 5-in., \$35 and \$50 per 100. SEEDLINGS—(August) Improved Wandsbek, 8 varieties equally divided, \$2.50 per 100; \$20 per 1,000; \$60 at 1,000 rate. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM, mostly salmon shades in bud and flower, 4-inch select, well grown plants, at 20c; 4-inch with plenty of flowers and bud, but thin foliage; good for making up at 14c. Cash please. R. J. SOUTHERTON, Highland Park, Ill.

CYCLAMEN, 7 and 8-inch, extra fine, full of buds and blooms, \$1.50 each; 6-inch, 75c and \$1 each; good plants, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Cyclamen, 4-inch, \$3.60 per doz.; 5-inch, \$6 per doz.; 6-inch, \$9 per doz. Poehlmann Bros. Co., Morton Grove, Ill.

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Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, \$3 per 100; \$25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAHLIAS, rare ones; 240 cut flower varieties, true to name. No junk at living prices. **FORT RECOVERY DAHLIA GARDENS**, Fort Recovery, O.

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CHICAGO WHITE. Special strain, 2½-inch, \$4.00 per 100. ETOILE D'OR, 2-inch, \$4.00 per 100. Boston Yellow, 2½-in., \$5.00 per 100. Cash please. A. E. Hunt & Co., 30 East Randolph St., Chicago, Ill.

Daisy Mrs. F. Sander, 2-in., \$2 per 100; \$18 per 1,000. Elmer Rawlings, Allegany, N. Y.

DRACAENAS.

Dracaenas, amabilis, 6-inch., \$1.25 each. Baptistii, 6-inch, \$1.25 each. Massangeana, 5½-inch, 75c each. Imperialis, 5-inch, \$1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Dracaena terminalis, 5-inch, \$7 per doz.; \$50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

FERNS.

Asplenium nidus avis (Bird's nest fern), 7, 8, 9 and 10-inch pans, at reduced prices. Ferns for dishes, in flats and 2½-inch pots a specialty. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Ferns, Boston and Roosevelt, 5-inch, 25c each. Boston, Roosevelt and Whitmani, 6-inch, 50c each; 10-inch, \$2.00 to \$2.50; 12-inch, \$3.00 to \$3.50 each; Table ferns, \$3.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Nephrolepis Verona, 2-in., \$8; 2½-in., \$10.00; 3-in., \$12 per 100. P. S. Randolph & Sons, R. D. 1, Verona, Pa.

Hardy ferns. Illustrated descriptive list mailed free. Ludvig Mosbaek, Ferdale, Askov, Minn.

Ferns for dishes, 2½ inch \$3 per 100; \$25 per 1,000. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Roosevelt fern—runners, \$3.50 per 100; \$30.00 per 1,000. Burr's Greenhouses, Freeport, Maine.

Boston ferns from flats, \$15 per 100. Jos. H. Cunningham, Delaware, O.

Boston ferns, 4-inch, 10c each. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Ferns. Joseph Heacock Co., Wyncote, Pa.

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Geraniums, good assortment of standard sorts, also scented and ivy leaved varieties at \$2 per 100; \$18.50 per 1,000 for 2-inch; \$3 per 100; \$25 for 3-inch. Over 250 new varieties and novelties at \$6 per 100 up to 50c each. Geraniums from 4-inch pots, red, white and pink, \$8 per 100. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, rooted in silica rock sand, show a better color and grow better. Let me have your order for Nutt, Poitevine, Ricard and La Favorite, \$12.50 per 1,000 cash, JAMES MOSS, Johnsville, Pa.

Geraniums, 2 and 2½-inch pots of Ricard, Beate Poitevine, S. A. Nutt, Montmort, Grant, Henderson, Doyle, Buchner, La Favorite, \$2.25 per 100; \$20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 2½-inch., Nutt and 4 others, \$2.50 per 100; \$20 per 1,000. Jos. H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, \$12.50 per 1,000. Ricard and Poitevine, \$15. A. M. Herr, Lancaster, Pa.

GREENS.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag. Perpetuated moss, \$3.50 per bag. Caldwell, the Woodsman Co., Evergreen, Ala.

Greens, dagger ferns, \$1.50 per 1,000; fancy ferns, \$2.00 per 1,000; leucothoe spray, 75c per 100; green galax, \$1 per 1,000; bronze galax, \$1 per 1,000; fadeless sheet moss, \$3.50 per bag. I. W. Heiny, 205 Sec. Ave., Royersford, Pa.

Greens, Lyrata, \$2.50 per case. Fancy ferns, \$1.25 per 1,000; dagger ferns, \$1 per 1,000. Natural moss, \$1.75 per bag; perpetuated moss, \$3.50 per bag. E. A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangeas, French, pot-grown, 4, 6 and 8 branches, 4-in., \$10; 5-in., \$15; 6-in., \$20 per 100. P. S. Randolph & Sous, R. D. No. 1, Verona, Pa.

HYDRANGEAS, Otaksa, 8 to 10 leads, 40c each; 12 to 15 leads, 50c each. French varieties, strong plants, 45c. ERNEST ROBER, Wilmette, Ill.

HYDRANGAEA OTAKSA, 3-inch, \$5 per 100; 5-inch, 20c and 25c each. HENRY SMITH, Grand Rapids, Mich.

Hydrangeas, Otaksa and new French. Vaughan's Seed Store, Chicago and New York.

IRISES.

Irises, Catalogue now ready. Peterson Nursery, Stock Exchange Bldg., Chicago.

IVIES.

GERMAN IVY, rooted cuttings, 60c per 100; \$5 per 1,000. C. L. Van Meter, Monticello, Iowa.

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From Storage.

Lily of the valley, from cold storage, New York or Chicago, \$16 per 1,000; \$8.50 per 500; \$4.50 per 250 pips. Chas. Schwake & Co., Inc., 90-92 West Broadway, New York.

Lily of the Valley, best crowns, own growing; foliage oval shaped, \$8 per 1,000. A longish shape, \$6 per 1,000. Solomon's Seal, giganteum, \$8 per 1,000. Solomon's Seal, macrophyllum, \$9 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

Lily of the Valley. Berlin and Hamburg, cases of 3,000 pips, \$40 each; cases of 1,000, \$14.00; cases of 250, \$4.00. J. M. Thorburn & Co., 53 Barclay St., N. Y.

Lily of the valley, cold storage, Brun's Celebrated Chicago Market Brand, \$18 for 1,000; \$9.50 for 500; \$5 for 250; \$2.50 for 100. H. N. Bruns, 3032 Madison street, Chicago.

Lily of the Valley, best quality, 1,000 to case, \$16.60 per case. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

FOR SALE.—Lily of the Valley Pips, \$10 per 1,000; 1,250 to case. Fresh stock from Holland. Send for list of 150 varieties of gladiolus; prices low. THOMAS COGGER, Melrose, Mass.

Lily of the valley, cold storage, \$13 per 1,000. Dietrich Heydemann, 17 Battery Place, New York.

MANETTI.

Manetti stocks—We have just received a nice lot of Holland grown manetti. If you are short of stock for grafting this will interest you. Ask for quotations. Vaughan's Seed Store, Chicago and New York.

MUSHROOM SPAWN.

Mushroom spawn, Lambert's Pure Culture. American Spaw Co., St. Paul, Minn.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA—Made-up plants.
Pots. Ins. high. Each.
7-inch, 3 plants.....32 to 34.....\$3.00
8-inch tubs, 4 plants.....38 to 40..... 4.00
Specimens, heavy.....\$12.00, \$15.00, 20.00

KENTIA BELMOREANA—Single plants.
Pots. Leaves. Ins. high. Each.
4-inch 5 to 6 16 to 18 \$4.50 doz. \$0.40
6-inch 6 to 7 24 1.00
6-inch 6 to 7 28 to 30 1.50
8-inch tubs, 6 to 7 36 to 38 3.50
8-inch tubs, 6 to 7 56 to 58 6.00
8-inch tubs, 6 to 7 62 to 64 7.00

KENTIA FORSTERIANA—Made-up plants.
Tubs. Ins. high. Each.
7-inch pots, 3 plants, 36 \$2.50
7-inch, 4 " 38 3.00
8-inch, 4 " 38 to 42 3.50
8-inch, 4 " 48 to 50 5.00
8-inch, 4 " 52 to 54 6.00
10-inch, 4 " 5 feet 8.00
12-inch, 4 " 60 to 64 10.00
12-inch, 4 " 5½ feet 12.00
12-inch, 4 " 5½ to 6 feet 15.00
15-inch, 4 " 6 to 6½ ft. \$18.00 20.00
Specimens, heavy, \$35.00 and \$40.00.
POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PALMS.

KENTIA FORSTERIANA—Single plants.

Pots.	Leaves.	Ins. high.	Each.
4-inch	5 to 6	18 to 20	\$1.50 doz. \$0.40
6-inch	6	28 to 30	1.00
6-inch	6 to 7	34 to 36	1.50
6-inch	6 to 7	38 to 42	2.00
8-inch tubs	6 to 7	5 feet	6.00
10-inch	6 to 7	5 to 5 1/2 feet	8.00
10-inch	6 to 7	5 1/2 to 6 feet	10.00

PHOENIX ROBELENI.

3-inch, nicely characterized	.....	\$3.50 per doz.	
Pots.	Ins. high.	Spread.	Each.
5-inch	18	20-inch	\$1.00
6-inch	18	24-inch	1.75
7-inch	28	34-inch	2.50
8-inch tubs	30	36-inch	3.50
10-inch tubs	35	42-inch	\$5.00 7.50

DIEFFENBACHIA MAGNIFICA.

5-inch	.....	\$0.75 each
6-inch	.....	1.00 each

AGLONEMA PICTA.

5-inch	.....	\$0.75 each
6-inch	.....	1.00 each

ARECA LUTESCENS.
Eight-inch tubs, 5 plants, 44 to 46 inches high, \$4.00 to \$4.50 each.

POEHLMANN BROS. CO., ILL.
MORTON GROVE.

Palms, Kentia Bel., made-up, 8-in., 36-in., \$3; 10-in., 40 to 44 ins., \$5 each. Kentia Forsteriana, made-up, tubs, 3 plants in tub, 7-in., 36 ins., \$3 each; 8-in., 36 to 40, \$3.50; 8-in., 40 to 44, \$4; 8-in., 44 to 48, \$5; 9-in., 48 to 54, \$6; 10-in., 4 plants in tub, 54 to 60, \$7.50 each. The Storrs & Harrison Co., Painesville, Ohio.

Palms, Kentia Forsteriana and Belmoreana: 2-in., 15c each; 4-in., 35c; 5-in., 75c; 6-in., \$1 to \$1.50; 7-in., \$2 and \$2.50; 8-in., \$3; 10-in., \$5 to \$10. I. W. Heinly, 205 Sec. Ave., Ryersford, Pa.

Palms, fine stock of Kentias in all sizes. H. Plath, Lawrence and Winnipeg Aves., San Francisco, Calif.

Palms. For varieties, sizes and prices see advertisement elsewhere in this issue. Joseph Heacock Co., Wyncote, Pa.

PANSIES.

PANSIES—The Big Giant Flowering Kind, \$3 per 1,000, in bud and bloom; \$5 and \$15 per 1,000 cash. If I could only show the nice plants and hundreds of testimonials and repeat orders, I would be flooded with new business. JAMES MOSS, Johnsville, Pa.

Pansy plants, giant flowering, \$2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PANDANUS.

Pandanus Veitchii, 4-inch, 35c each; 5-inch, 50c; 6-inch, 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

PEONIES.

Peonies Sinensis in 24 best named varieties, \$40 per 1,000. R. Van Der Schoot & Son, Hillegom, Holland.

Peonies, Write for list. Peterson Nursery, Stock Exchange Bldg., Chicago.

PETUNIAS.

Dreer's double petunias, 15 varieties, 3-inch pots, 75c per doz.; \$6 per 100; the set of 15, \$1. Seeds of our own saving, dbl. fringed, 75c per 500 seeds; \$1.50 per 1,000; single fringed, 50c per trade packet. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PRIMULAS.

Primula obconica, \$1.50 per 100. Jos. H. Cunningham, Delaware, O.

RHODODENDRONS.

RHODODENDRONS—Different good varieties for forcing, 10 to 15 buds, \$1.25 each. Pink Pearl, 4 to 6 buds, \$1.25 each; C to 10 buds, \$2 each. ERNEST ROBER, Wilmette, Ill.

ROSES.

Rose Mrs. Bayard Thayer. For prices see advertisement elsewhere in this issue. Waban Rose Conservatories, Natick, Mass.

ROOTED ROSE CUTTINGS.

	100	1,000
Pink Killarney	.....	\$2.50 \$20.00
White Killarney	.....	2.50 20.00
Richmond	.....	2.50 20.00
Sunburst	.....	3.50 30.00

Satisfaction Guaranteed. Ready Now.
GEORGE REINBERG,
162 North Wabash Avenue, Chicago, Ill.

ROSES.

GRAFTED ROSE PLANTS.
Choice, young stock in 2 1/2-inch pots, ready for delivery in March, carefully selected wood grafted on the best grade of English manetti:
100 1,000
Russell \$14.00 \$120.00
Rhea Reid 14.00 120.00
Hoosier Beauty 14.00 120.00
Ophelia 12.00 110.00
Pink Killarney 12.00 100.00
White Killarney 12.00 100.00
Killarney Brilliant 12.00 100.00
Richmond 12.00 100.00

OWN ROOT ROSE PLANTS.
Sunburst \$7.00 \$60.00
Cecile Brunner 7.00 60.00
Shawyer 7.00 60.00

We solicit early orders and would impress the advantage of early grafted stock on all buyers.

BASSETT & WASHBURN, Chicago.
173 North Wabash Avenue. Chicago.
Orders for the Pacific Coast states will please be sent to our Western branch. E. B. WASHBURN, 252 South Orange Grove Avenue, Pasadena, Calif.

ROSE PLANTS—Choice 2 1/2-inch Grafted and 2 1/2-inch Own Root Plants for March delivery:
2 1/2-inch 2 1/2-inch
Grafted Own Root
Per 1,000 Per 1,000

Russell	.....	\$120	none
Killarney	.....	100	\$56.70
White Killarney	.....	100	56.70
Killarney Brilliant	.....	100	56.70
Ward	.....	100	56.70
Milady	.....	100	56.70
Ophelia	.....	100	56.70
Richmond	.....	100	56.70
Hoosier Beauty	.....	105	63.00
Hadley	.....	105	63.00
Cecile Brunner	.....	100	56.70
Elgar (special only)	.....	100	56.70
Francis Scott Key	.....	110	63.00
Fire Flame	.....	100	56.70
Lady Alice Stanley	.....	120	73.50

POEHLMANN BROS. CO., Illinois.
Morton Grove.

ROSES DORMANT STOCK.

	Doz.	Per 100
Baby Rambler	.....	\$2.00 \$15.00
Ellen Paulsen	.....	2.50 18.00
Erna Teschendorf	.....	2.00 15.00
Tausendschön	.....	2.50 18.00
Clothilde Soupert	.....	2.00 15.00
Flower of Fairfield	.....	2.00 15.00

ERNEST ROBER, WILMETTE, ILL.
Roses, Baby Tausendschön, Erna Teschendorf, K. Augusta Victoria, Killarney, Gen. McArthur, Jonkheer J. L. Mock, Mme. Jules Grolez, Farhenkonigen, Prince de Bulgarie, Dean Hole, Mme. Ravary, Clothilde Soupert, \$12 per 100. Wm. R. Smith, \$15 per 100. Climbing Am. Beauty, \$15 per 100. Crimson Rambler, \$12; Excelsa, \$12; Hiawatha, \$12; White Dorothy, \$10. The Storrs & Harrison Co., Painesville, Ohio.

Roses, on canina: Mrs. Andrew Carnegie, \$6 per 100; Edward Mawley, \$5; Mrs. Herbert Stevens, \$6; Louise Catherine de Breslau, \$6; Mme. Edouard Herriot, \$7; Marie Adelaide Grand Duchess de Luxembourg, \$6; Rayon d'Or, \$4.50; Sunburst, \$5; Willowmere, \$6. Standards: Mme. E. Herriot, \$24 per 100. R. Van Der Schoot & Son, Hillegom, Holland.

FIELD-GROWN ROSES—Two hundred new and standard varieties; all two-year-old; fine, healthy, own root stock. Get our price before ordering. December to March shipment.
WESTERN ROSE CO., Pasadena, Calif.

Rose Champ Welland, own root: 100 plants, \$30; 250, \$70; 500, \$125; 1,000, \$250. Grafted: 100 plants, \$35; 250, \$82.50; 500, \$150; 1,000, \$300. Welland & Risch, 154 N. Wabash Ave., Chicago, Ill.

Rose plants, 2 1/2-inch: Killarney, White Killarney, Maryland, Sunburst, Milady, \$4 per 100; \$35 per 1,000. Richmond, \$3 per 100; \$25 per 1,000. Ophelia, \$5 per 100; \$45 per 1,000. American Beauty, \$4.50 per 100; \$40 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Two-year-old American Beauty Bench plants, well ripened and ready for immediate shipment. We have 30 thousand to offer. Cash with order please. **ALBERT F. AMLING CO., Maywood, Ill.**

Rose Prima Donna, \$15 per 100; \$125 per 1,000. Guttman & Raynor, Inc., 101 W. 28th St., New York.

Roses, grafted. All the best new ones. Vaughan's Seed Store, Chicago and New York.

SEEDS.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seeds, large growers and shippers of beans, peas and onion seed. Brunnings, Box 857, Melbourne, Australia.

SURPLUS SUMMER-FLOWERING SWEET PEA SEED. Now is the time to sow this type outdoors or inside. Countess Spencer, Pink Spencer, White Spencer, Blanch Ferry Spencer, Norton Spencer, Asta Ohn, Helen Lewis, King Edward Spencer. All at \$1.25 per lb. Frank Dolby, Lady Hamilton, King Edward 7th, Gladys Unwin, Nora Unwin, at 50 cents per lb., by express. No less than 1/2 lb. of each variety. No better and more fixed seed can be bought for twice the price anywhere. **ANT. C. ZVOLANEK, Sweet Pea Ranch, Lompoc, Calif.**

Vaughan's flower seeds for early sowing: Ageratum, alyssum, antirrhinum, asparagus, asters, begonia, helia, candytuft, celosia, centaurea, cobaea, coleus, cyperus, dracæna, eschæveria, grevillea, heliotrope, ipomœa, Lantana hybrida, lobelia, mignonette, pansy, petunias, pyrethrum, Salvia splendens, stocks, thunbergia, torenia, vinca rosea, verbenæ. For varieties and prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Flower seeds: Abutilon, ageratum, Alyssum, Aster, begonia, candytuft, Celosia, Centaurea, Cineraria, Cobæa scandens, dracæna, grevillea, grass, heliotrope, impatiens, ipomœa, lobelia, maurandia, Mignonette, Musa ensete, Nierembergia Frutescens, petunias, pyrethrum, Lantana splendens, smilax, solanum, thunbergia, Torœnia Fournieri, Verbenas, Vinca. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Phoenix Canariensis palm seeds, 75c per 1,000. Ampelopsis Veitchii, \$1.50 per pound. Dracœna Indivisa, \$2 per pound, California Privet seed, \$1 per pound. Cash with order and I prepay postage. G. H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, crop contract, peas, beans and sweet corn. Peas and beans, Michigan grown. Sweet corn, Iowa grown. Sioux City Seed & Nursery Co., Michigan office, Millington, Home office, Sioux City, Iowa.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 100 seeds, 50c; 250 seeds, \$1; 1,000 seeds, \$3.50; 5,000 to 10,000 seeds, \$3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

SEEDS, BEGONIA—Luminosa, trade package, 50c each. Prima Donna, trade package, 50c each. 1-32 oz., \$4. Cash, please. **ERNEST ROBER, Wilmette, Ill.**

Seeds, Asparagus plumosus, 5,000 or more, \$1.30 per 1,000; 20,000 or more, \$1.20 per 1,000; 50,000 or more, \$1 per 1,000. McHutchinson & Co., 17 Murray St., New York.

Pedigree Seeds. Our 1916 catalogue is ready. Write for it now. Watkins & Simpson, Ltd., 12 Travistock Street, Covent Gardens, London, England.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. GODINEAU, Angers, France.

Seeds, contract growers of cucumbers, cantaloupe, watermelon, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas, Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Wondruff & Sons, 82 Dey St., New York.

Seeds, wholesale field and garden seeds. J. Bolgiano & Sons, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Tree, shrub and palm seeds for the florist and nursery trade. Send for price list. George H. Hopkins, Eagle Rock Station, Los Angeles, Calif.

Seeds, Specialties: Pepper, egg plant, tomato, vine, seed and field corn. George R. Padrick & Son, contract seed growers, Padricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, pansy, 1,000 seeds, 25c; 1 oz., \$2.25. H. Wrede, Lunenburg, Germany.

Seeds, watermelon. D. H. Gilbert, Monticello, Fla.
Seeds, growers of onion, lettuce, radish, etc. The Kimberlin Seed Co., Santa Clara, Calif.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Seeds, contract growers of pepper, egg plant, kale, okra, radish, tomato, spinach, turnip, sweet corn, field corn. Stokes Seed Farms Co., Inc., Moorestown, New Jersey.

Flower seeds for early sowing. For varieties and prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago, Ill.

Seeds, growers for the trade; beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, garden, field and choice flower seeds. Simon Louis Freres & Co., Bruyeres-le-Chatel, Seine et Oise, France.

SMILAX.

Smilax, 2-inch, \$1.50 per 100; \$15 per 1,000. I. W. Heintz, 205 Sec. Ave., Royersford, Pa.

Smilax, 2-in., \$1.25 per 100. Elmer Rawlings, Allegany, N. Y.

SPIREA.

SPIREAS.

Spirea Gladstone, \$1.50 per dozen; \$10 per 100. Spirea Queen Alexandra, \$1.75 per dozen; \$12 per 100.

ERNEST ROBER, WILMETTE, ILL.

Spirea Peach Blossom, \$7 per 100. St. Louis Seed Co., 411-413 Washington Ave., St. Louis, Mo.

VEGETABLE PLANTS.

Vegetable plants: Lettuce and cabbage plants, \$1 per 1,000; 10,000 and over, 85c per 1,000. Parsley plants, extra strong for forcing, 50c per 100; \$3.50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Parsley, dbl. curled, \$2.50 per 1,000. Elmer Rawlings, Allegany, N. Y.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SONS, Cedar Rapids, Iowa.

Vinca Variegata, 3 1/2-inch pots, \$5 per 100. Jos. H. Cunningham, Delaware, O.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for \$1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Carnation staples, 35c per 1,000; 3,000 for \$1. Wm. Schlatter & Son, 422 Main St., Springfield, Mass.

Superior Carnation Staples, 35c per 1,000; 3,000 for \$1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for \$1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. We design, manufacture and build greenhouses of every style and size. Building material of all kinds. American Greenhouse Mfg. Co., 1503 Masonic Temple, Chicago.

Greenhouse construction. Estimates on request. The Foley Greenhouse Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. Builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willous Construction Co., 1529 S. Spaulding Ave., Chicago.

Greenhouse construction, all steel. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago.

Greenhouse lumber, hotbed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Greenhouse construction. Write for Bulletin No. 47. King Construction Co., 29 King's Road, N. Tocawanda, N. Y.

Pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc.; everything in lumber. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, \$1 per qt.; \$2.50 per gal. Fungine, 75c per qt.; \$2 per gal. Vermine, \$1 per qt.; \$3 per gal. Scaline, 75c per qt.; \$1.50 per gal. Nikotiana, \$1.50 per qt.; \$4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Puk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Greenhouse materials: Rafters, bars, gutters and ventilators of heart red cypress. Pecky cypress and common cypress for bench material. Duo-glazed sash for hotbeds. Calaban Duo-glazed Sash Co., 2512 Wyandot St., Dayton, Ohio.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jennings' Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Plant stands. Made in three sizes to extend to 30, 44 and 56 inches. Price \$18 per doz. Detroit Stand Co., 842 Grandy Ave., Detroit, Mich.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Aetna Brand Tankage Fertilizer. Write for prices. Farmers and Florists' Fertilizer Co., 809 Exchange Ave., Room 5, Chicago, Ill.

Pesto Pruning Shears, for trees, shrubs, vines, bushes and hedges, etc. The Peck, Stow & Wilcox Co., Cleveland, Ohio.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by CLAY & SON, Stratford, London, England.

Dreer's "Riverton Special" cedar plant tubs, all sizes. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Wired toothpicks, 10,000, \$1.75; 50,000, \$7.50. W. J. Cowee, Berlin, N. Y.

Greenhouse Windstorm Insurance. Florian D. Wallace, Insurance Exchange Bldg., Chicago.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Greenhouse glass. Baur Window Glass Co., Eaton, Ind.

Advance sash operating device. Greenhouse fittings. Advance Co., Richmond, Ind.

Clay Tile Benches. Write for circular. Camp Conduit Co., Cleveland, O.

Emergency pipe clamps. M. B. Skinner & Co., 560 W. Washington St., Chicago.

Refrigerators. Write for catalogue. Buchbinder Bros., 518 Milwaukee Ave., Chicago.

Florists' supplies of all kinds. Reed & Keller, 122 W. 25th St., New York.

Florists' supplies of all kinds. A. Herrmann, 404-412 E. 34th St., New York.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Cut flower boxes. Edwards Folding Box Co., Philadelphia.

POTS AND PANS.

Kramer's pot hangers, \$1 per doz., by express. I. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Nepouset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots, Syracuse Pottery Co., Syracuse, N. Y.

Pots, standard flower. Write for prices. A. F. Kehr, 2934-36 N. Leavitt St., Chicago.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, \$3; \$5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, \$5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

WHOLESALE CUT FLOWERS.

Amling Co., E. C., Chicago.
Angermueller, Geo. H., St. Louis, Mo.
Badgley & Bishop, Inc., New York.
Bassett & Washburn, Chicago.
Berger Bros., Philadelphia, Pa.
Berning, H. G., St. Louis, Mo.
Budlong, J. A., Chicago.
Chicago Flower Growers' Ass'n., Chicago.
Coan, J. J., New York.
Erne & Klingel, Chicago.
Ford, M. C., New York.
Ford, William P., New York.
Freres, D. E., Chicago.
Froment, H. E., New York.
Gutman & Raynor, Inc., New York.
Hart, George B., Rochester, N. Y.
Hoerber Bros., Chicago.
Holton & Hunkel Co., Milwaukee, Wis.
House of Ferns, New York.
Kasting Co., Wm. F., Buffalo, N. Y.
Kendall Bros. Co., Chicago.
Kervan Co., The, New York.
Kessler Wm. A., New York.
Kruchten, John, Chicago.
Kuehn, C. A., St. Louis, Mo.
Kusik & Co., H., Kansas City, Mo.
Kyle & Foerster, Chicago.
McCallum Co., Pittsburgh, Pa.
Meconi, Paul, New York.
Miller & Musser, Chicago.
Montreal Floral Exchange, Ltd., Montreal, P. Q.
Moore, Hentz & Nash, New York.
N. Y. Cut Flower Exchange, New York.
Niessen Co., The Leo, Philadelphia, Pa.
Percy Jones, Inc., Chicago.
Phila. Wholesale Florists' Exchange, Phila.
Pittsburgh Cut Flower Co., Pittsburgh, Pa.
Poehlmann Bros. Co., Chicago.
Pollworth Co., C. C., Milwaukee, Wis.
Polykranas, Geo. J., New York.
Plyer & Co., A. T., Chicago.
Randall Co., A. L., Chicago.
Reid, Edward, Philadelphia, Pa.
Reinberg, Geo., Chicago.
Reinberg, Peter, Chicago.
Rice Bros., Minneapolis, Minn.
Riedel & Meyer, Inc., New York.
Rusch & Co., Gust., Milwaukee, Wis.
Sheridan, W. F., New York.
Siebrecht, Geo. C., New York.
Smith, Wm. C., Flo. Co., St. Louis, Mo.
Thompson Carnation Co., J. D., Joliet, Ill.
Tonner, O. A., Chicago.
Totty, Chas. H., Madison, N. J.
Traendly & Schenck, New York.
United Cut Flower Co., New York.
Vaughan, A. L., & Co., Chicago.
Weiland & Risch, Chicago.
Welch Bros., Boston, Mass.
Welch, Patrick, Boston, Mass.
Wieter Bros., Chicago.
Wittbold, Geo., Co., Chicago.
Young & Co., A. L., New York.
Young & Co., John, New York.
Zech & Mann, Chicago.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

HOT BED SASH

83c BUYS STANDARD HIGH GRADE SASH

We offer at reduced prices standard size hotbed sash, 3 ft. by 6 ft., 1 1/2-in thick, with four rows of glass. Manufactured by best workmen of clear soft Pine and Fir. Prices smashed because of our new manufacturing plant.

Open Hotbed Sash (No Glass) each Lot 10 J6919—In lots of 100 or more...83c Lot 10 J6917—In dozen lots89c

Glazed Hotbed Sash each Lot 10 J6919X—In lots of 100 or more...\$1.59 Lot 10 J6917X—In lots of one dozen. 1.76

Quick shipments from our Chicago warehouse.

Also equally big savings in greenhouse inside sash bars, and end sash bars, glass, pipe, fittings, boilers, etc.

Also Pecky Cypress for Hotbeds, \$17.00 per 1000, f. o. b. Chicago, and other great bargains for the greenhouse man in our new Price Smashing Circular No. J. G. 47. Send for it Now.

HARRIS BROTHERS CO.
35th and Iron Streets, CHICAGO.

CALLAHAN GEM SECTIONAL GREENHOUSES

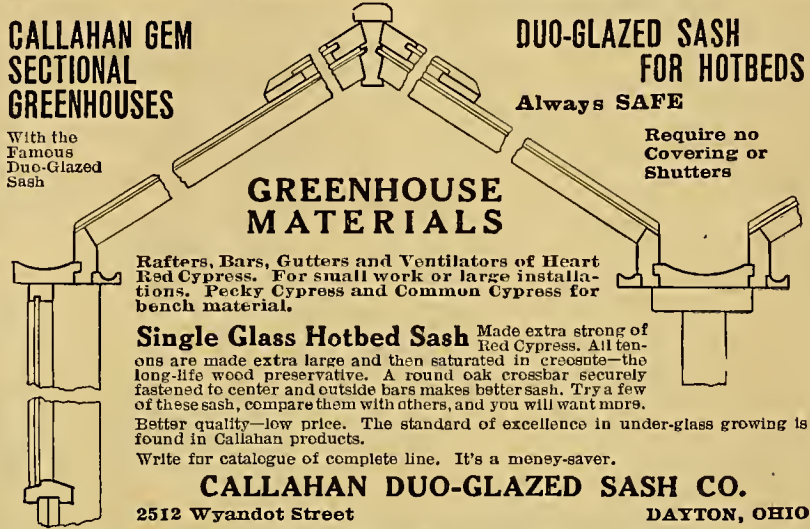
With the Famous Duo-Glazed Sash

DUO-GLAZED SASH FOR HOTBEDS

Always SAFE

Require no Covering or Shutters

GREENHOUSE MATERIALS



Rafters, Bars, Gutters and Ventilators of Heart Red Cypress. For small work or large installations. Pecky Cypress and Common Cypress for bench material.

Single Glass Hotbed Sash Made extra strong of Red Cypress. All tenons are made extra large and then saturated in creosote—the long-life wood preservative. A round oak crossbar securely fastened to center and outside bars makes better sash. Try a few of these sash, compare them with others, and you will want more.

Better quality—low price. The standard of excellence in under-glass growing is found in Callahan products.

Write for catalogue of complete line. It's a money-saver.

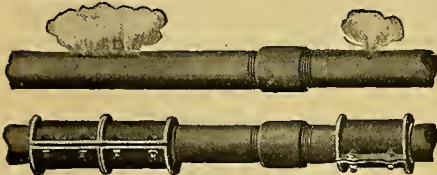
CALLAHAN DUO-GLAZED SASH CO.

2512 Wyandot Street

DAYTON, OHIO

MASTICA
FOR Greenhouse Glazing
USE IT NOW.
F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.



Emergency Pipe Clamps mend splits and rns holes in iron pipes quickly, surely and permanently. Booklet free.

M. B. SKINNER & CO.
560 W. Washington St., CHICAGO

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Send for samples of Three Color Shipping Labels and Florists' Tags. Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.

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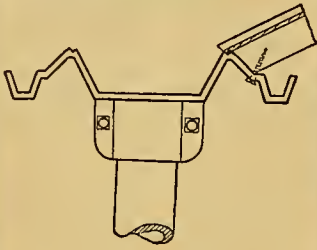
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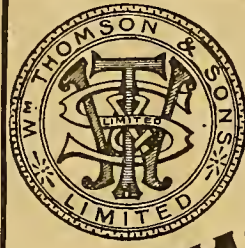
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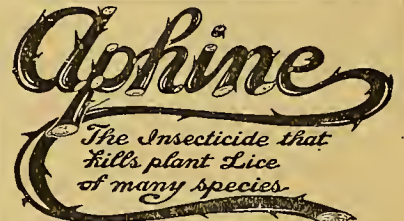
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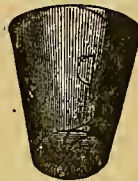
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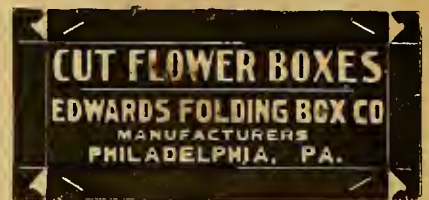
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